Permit Application Package for a New Data Center with Power Production at the Remington Technology Park in Remington, Virginia

CTN, LLC

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Prepared for:
Remington Technology Park Limited Partnership
Glen Alen, Virginia

Application Date: November 30, 2025

Revision No.: 0

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SECTION 1

INTRODUCTION AND OVERVIEW

PERMIT APPLICATION PACKAGE
REMINGTON TECHNOLOGY PARK LIMITED PARTNERSHIP DATA CENTER
12280 Lucky Hill Road
Remington, VA 22734
Registration No. 74172

INTRODUCTION

Presented in this document is a permit application package for a new data center with prime power and non-emergency back-up power facilities to be located at the Remington Technology Park in Remington, VA. This cover document provides a general overview of the data center and the power production equipment associated therewith, a discussion about the phasing of construction over time, the power producing equipment to be installed and the associated air pollution control equipment, and the resulting anticipated air pollutant emissions from the facility through each phase of construction.

OVERVIEW

Remington Technology Park Limited Partnership plans to install 304MW of critical IT load data center facilities consisting of six (6) buildings. Buildings 1 and 2 will be built in Phase 1 of construction, with Building 1 serving 40MW of critical IT load, and Building 2 serving 72 MW of critical IT load. Buildings 3 thru 6 will all be built in Phase 2 of construction approximately five years after construction of Phase 1. These buildings will each serve 48MW of critical IT load..

Dominion Energy is currently unable to provide the needed electrical power to operate the Data Center facilities included in the Phase 1 plan. Therefore a prime power onsite generation plant consisting of thirteen (13) Solar PGM130 natural gas-fired turbines, equipped with emissions control equipment will be installed on the premises. The onsite generation is designed with N+1 redundancy to provide 30MW to Building 1 and

all of Building 2. The annual power plant operation is calculated to operate on average nine (9) turbines loaded at 85% of rated capacity to meet facility loads

In addition to the prime power turbine plant each data center building will be equipped with an array of Caterpillar 3516E diesel-fired generators to maintain a constant 100% power redundancy for the respective facilities.

Figure 1 is a graphical presentation of the future data center facility buildout.



Figure 1. Data Center Layout

PHASES OF CONSTRUCTION

Phase 1 construction will consist of the turbine plant and Buildings 1 and 2, along with their associated emergency generators and respective emission controls. Once

commissioned, the turbine plant will begin continuous operations and will remain online, providing prime power to Buildings 1 and 2.

It is anticipated that Dominion Energy will construct a new substation (Helm Substation) and be available to deliver electrical power to the site in approximately five years. The remaining four buildings in Phase 2 will be served from this new substation. Remmington Technology Park Limited Partnership plans to utilize the turbine plant as an island in conjunction with the utility substation to serve the data center campus.

TURBINE PLANT DESCRIPTION

The onsite turbine generation yard will be located on the eastern side of the property near Lucky Hill Road (See Figure 1). The closest building to any of the generation equipment will be roughly 500 feet away, and the closest property line will be roughly 650 feet away. The thirteen (13) Solar PGM130 natural gas-fired turbines will be situated alongside each other on one area of the property. Each unit will be equipped with an Energy Link SCR/CO Catalyst system for reduction of NOx, CO, and non-methane, non-ethane hydrocarbons. Natural gas will feed the turbines from a common pipeline and header and 19% aqueous ammonia will feed the SCRs from common onsite storage tanks. Each turbine will exhaust through a dedicated vertical, cylindrical stack measuring 50-feet in height equipped with four 3-inch test ports for stack emissions testing. The maximum electrical output of each generator will range from 18,283 kWe at an ambient temperature of -4°F to 13,099 kWe at 104°F. The NOx emissions from each generator will be controlled by the respective SCRs to a level of 2.0 ppm.. At an ambient temperature of 40°F and at 100% load, each generator will produce NOx emissions at a rate of 1.539 lb/hr (2 ppm).

In addition to the thirteen (13) Solar PGM130 turbines, the turbine plant will also have two CAT 3516C, Tier 2, diesel-fired black start generators. The black start generators are N+1 for redundancy; only one black start generator will operate during commissioning to initially start up the turbine plant, and for subsequent recovery of the

turbine plant in the event of a complete loss of prime power. It is anticipated that the primary black start generator will only ever operate under load for 15 – 30 minutes when starting up the power plant. Once the first turbine is started, that turbine will provide the power to recover the plant and the black start generator will be shut down. The two black start generators will remain onsite permanently for emergency system recovery operations. They will be limited to less than 30 hours per year of operation for maintenance and testing to maintain readiness.

BACK-UP GENERATORS DESCRIPTION

Each data center building will be equipped with Caterpillar 3516E diesel-fired generators that serve as emergency back-up power for each respective buildings' operations. The number of generators at each building will be as follows in Table 1.

Table 1 – Emergency Back-up Generator Locations

Building	No. of Generators	Building	No. of Generators
Building 1	24	Building 4	28
Building 2	42	Building 5	28
Building 3	28	Building 6	28

These generators are intended for emergency back-up purposes only. In accordance with EPA requirements they only need to be certified as Tier 2 units. To minimize emissions as much as possible SCR technology will be applied to each of these Tier 2 generators. This will bring NOx emissions down to at or below 0.6 g/bhp-hr thereby allowing them to be defined for use in non-emergency situations. From the EPA perspective, emergency Tier 2 emergency generators can be operated for up to 50 hours per year in non-emergency situations. Virginia DEQ does not allow any non-emergency operations for emergency generators. As a result, since these units will be Tier 2, which meets EPA requirements, and will meet the required lower NOx emissions limits required for non-emergency operations by VDEQ. Remington Technology Park Limited Partnership is seeking to permit these generators as non-emergency units.

Non-emergency use of these generators is not anticipated and operations will still be restricted to not more than 50 hours per year of operation.

In addition to the 178 generators listed and discussed above, each of the six data center buildings will have two Caterpillar C27, 800kW diesel house generators. These units will serve building life safety systems and egress lighting not directly related to the operation of the data center equipment. These twelve (12) generators (2 at each of 6 buildings) will be Tier 2 certified and will meet the VDEQ emissions requirements for emergency only generators. Also, located at Building 1, a Caterpillar C15, 762 hp fire Pump, which will meet the EPA and VDEQ requirements for emergency purposes only, will be installed for site fire protection.

FACILITY EMISSIONS

The design of this permitting process is to keep the total facility NOx emissions below 100 tons/year, and total facility formaldehyde emissions under 10 tons/year to avoid Title V applicability. All turbines at the turbine plant will be equipped with state-of-the-art SCR/CO catalysts which will meet the definition of Best Available Control Technology (BACT) and will keep NOx and formaldehyde emissions to the lowest level possible. Even with an annual average of nine (9) turbines operating for 8,760 hours per year, the net NOx emissions from the turbine plant will not exceed approximately 61 tons of NOx per year and less than 5.0 tons/year of formaldehyde.

For all the generators associated with the six data center buildings, each unit will be equipped with an SCR that will reduce NOx emissions to a maximum of 0.6 g/bhp-hr. The six house generators and the single fire pump will have maximum NOx emissions of 6.0 g/bhp-hr. The data center generators will be limited to 45 hours per year of operation and the house generators and fire pump to 30 hours per year. With these operational limits in place the total NOx emissions from all generators at the facility will be less than approximately 35 tons/year. Formaldehyde emissions from diesel generators are negligible.

With the combination of the onsite turbine plant and all facility generators the total facility NOx emissions, under this permitting scenario will not exceed 96 tons/year, and formaldehyde emissions will be less than 1 ton/year. These emission rates are less than the trigger level for Title V permitting, thereby keeping this application as a synthetic minor. As presented elsewhere in the permit application documents, total facility emission rates of Carbon Monoxide, VOC, Particulates, and Sulfur Dioxide are also well below the trigger level for Title V permitting.

OPERATATIONAL LIMITATIONS

Stated in several places in the above discussion is the limitation of hours of operation for the turbines and the various generators. This is necessary to keep operations within the emissions caps proposed herein. Monitoring of operating hours will be by the installation of non-resettable hour meters. Ongoing compliance determination is proposed to be performed by the following means.

For the turbine operations it is proposed that total operating hours for the entire turbine plant be limited to 78,840 hours of turbine operation per year, however that may be spread among the thirteen generators. This will be determined by totaling the operating hours of all thirteen generators for the prior 12-month period, at the end of each month, thereby producing a 12-month rolling compliance demonstration period.

For the 178 CAT 3516E data center building generators it is proposed that operational limits be based upon total diesel fuel consumption per rolling 12-month period as follows:

Table 2 – Annual Fuel Consumption Limit

Location	No. of Generators	12-Month Fuel Consumption (gallons)
Building 1 Emergency Generators	24	226,720
Building 2 Emergency Generators	42	395,010
Building 3 Emergency Generators	28	363,340
Building 4 Emergency Generators	28	363,340
Building 5 Emergency Generators	28	363,340
Building 6 Emergency Generators	28	363,340
Building 1 House Generators	2	3,336
Building 2 House Generators	2	3,336
Building 3 House Generators	2	3,336
Building 4 House Generators	2	3,336
Building 5 House Generators	2	3,336
Building 6 House Generators	2	3,336
Site Fire Pump	1	1,071
Turbine Plant Black Start Generators	2	7,584
Total 12-Month Fuel Consumption	**178**	**1,702,761**

This will require installation of fuel flow meters / totalizers on each of the operating generators.

MONITORING

A critical aspect of any permit is to include a method for monitoring for continuous compliance. For all the critical emergency generators at all six buildings, the SCR system to be provided will include a catalyst outlet NOx sensor. While these sensors cannot be used for direct compliance determination they provide a good representation of the fact that the SCR units are operating properly. Data from these NOx sensors will be recorded and stored.

For the thirteen gas turbines, the post-SCR NOx concentrations will be at or below 2 ppm, which is far beyond the capability of any stack-based NOx sensor to measure with any degree of accuracy. As a result, it is recommended that continuous compliance be monitored by measuring and recording the ammonia feed rate to each SCR catalyst along with the inlet catalyst temperature. Additionally, initial and periodic (tri-annual) stack emissions testing can be performed, with the results referenced to the ammonia feed rates, to establish a solid relationship between compliance and the recorded ammonia feed rate.

SECTION 2

FORM 7 APPLICATION

PERMIT FORMS PURSUANT TO REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR PERMIT
FORM 7 APPLICATION

for

NEW SOURCE REVIEW PERMITS
and STATE OPERATING PERMITS

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

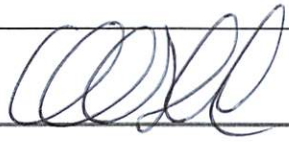
Return to "What Pages Do I Fill Out For My Facility?"

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VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY - AIR PERMITS
LOCAL GOVERNING BODY CERTIFICATION FORM Error! Reference source not found.Error! Reference source not found.Error! Reference source not found.Error! Reference source not found.Error! Reference source not found.Error! Reference source not found.Error! Reference source not found.Error! Reference source not found.

Business Entity Name (same name on file with the Virginia SCC) Remington Technology Park Limited Partnership	Registration Number: 74172
Applicant's Name: Remington Technology Park Limited Partnership	Name of Contact Person at the site: Arthur B Nunn, III - Consultant
Applicant's Mailing address: 5380 Twin Hickory Road Glen Allen, VA 23059	Contact Person Telephone Number: 540-798-8761
Facility location (also attach map): 12280 Lucky Hill Road Remington, VA 22734	
Facility type, and list of activities to be conducted: Data Center with Gas Turbine Power Generation	

The applicant is in the process of completing an application for an air pollution control permit from the Virginia Department of Environmental Quality. In accordance with § 10.1-1321.1. Title 10.1, Code of Virginia (1950), as amended, before such a permit application can be considered complete, the applicant must obtain a certification from the governing body of the county, city or town in which the facility is to be located that the location and operation of the facility are consistent with all applicable ordinances adopted pursuant to Chapter 22 (§§ 15.2-2200 et seq.) of Title 15.2. The undersigned requests that an authorized representative of the local governing body sign the certification below.

Applicant's signature: 	Date: Dec 23 2025

The undersigned local government representative certifies to the consistency of the proposed location and operation of the facility described above with all applicable local ordinances adopted pursuant to Chapter 22 (§§15.2-2200 et seq.) of Title 15.2. of the Code of Virginia (1950) as amended, as follows:

(Check one block)

☐ The proposed facility is **fully consistent** with all applicable local ordinances.

☐ The proposed facility is **inconsistent** with applicable local ordinances; see attached information.

Signature of authorized government representative:	Date:
Type or print name:	Title:
County, city or town:	

[THE LOCAL GOVERNMENT REPRESENTATIVE SHOULD FORWARD THE SIGNED CERTIFICATION TO THE APPROPRIATE DEQ REGIONAL OFFICE AND SEND A COPY TO THE APPLICANT.]

Return to "What Pages Do I Fill Out For My Facility?"

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY – 2025 AIR PERMIT APPLICATION FEES

VALID JANUARY 1, 2025 TO DECEMBER 31, 2025

Air permit applications are subject to a fee and fee are adjusted January 1 of each calendar year. **The fee does not apply to administrative amendments or** true minor sources. Applications will be considered incomplete if the proper fee is not paid and will not be processed until full payment is received. **Air permit application fees are not refundable. Please contact the Regional Air Permit Manager if you are unsure of your fee amount.**

Step 1: Send this **ORIGINAL** form and a check (or money order) payable to "Treasurer of Virginia" to:

Department of Environmental Quality
Receipts Control
P.O. Box 1104
Richmond, VA 23218

OR
FOR OVERNIGHT DELIVERY

Department of Environmental Quality
Receipts Control
1111 East Main Street, Suite 1400
Richmond, VA 23219

Step 2: Send a **COPY** of this form with the permit application to the appropriate **DEQ Regional Office**

Step 3: Retain a copy for your records. Questions should be directed to the DEQ regional office where the application will be submitted

COMPANY NAME:	Remington Technology Park Limited Partnership	FIN:	
COMPANY REPRESENTATIVE:	Arthur B Nunn, III - Consultant	EMAIL ADDRESS:	Art.nunn@ctn-online.com
MAILING ADDRESS:	5380 Twin Hickory Road Glen Allen, VA 23059		
BUSINESS PHONE:		FAX:	
FACILITY NAME:	Remington Technology Park Ltd. Partnership	REGISTRATION NUMBER:	74172
PHYSICAL LOCATION:	12280 Lucky Hill Road Remington, VA 22734		

PERMIT ACTIVITY **AIR PERMIT APPLICATION FEES ARE NOT REFUNDABLE** **Please contact the Regional Air Permit Manager if you are unsure of your fee amount**	**APPLICATION FEE AMOUNT**	**CHECK ONE**
Sources subject to Title V permitting requirements:		
• Major NSR permit (Articles 7, 8, 9)	$86,518	
• Major NSR permit amendment (Articles 7, 8, 9) **(except administrative)***	$13,733	
• State major permit (Article 6)	$34,332	
• Title V permit (Articles 1, 3)	$48,065	
• Title V permit renewal (Articles 1, 3)	$20,599	
• Title V permit modification (Articles 1, 3)	$5,493	
• Minor NSR permit (Article 6)	$6,866	
• Minor NSR amendment (Article 6) **(except administrative)***	$3,433	
• State operating permit (Article 5)	$13,733	
• State operating permit amendment (Article 5) **(except administrative)***	$5,493	
Sources subject to Synthetic Minor permitting requirements:		
• Minor NSR permit (Article 6)	$4,119	X
• Minor NSR amendment (Article 6)* **(except administrative)***	$1,373	
• State operating permit (Article 5)	$6,866	
• State operating permit amendment (Article 5)* **(except administrative)***	$3,433	

***AIR PERMIT APPLICATION FEES DO NOT APPLY TO ADMINISTRATIVE AMENDMENTS**

DEQ OFFICE TO WHICH PERMIT APPLICATION WILL BE SUBMITTED (check one)

☐ SWRO/Abingdon ☐ NRO/Woodbridge ☐ PRO/Richmond

☐ VRO/Harrisonburg ☐ BRRO/Roanoke ☐ TRO/Virginia Beach

FOR DEQ USE ONLY
Date: _____
DC #: _____
Reg. No.: _____

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AIR PERMIT APPLICATION CHECKLIST

APPLICATION FORM PAGES AND NUMBER OF COPIES

Place a "√"In Boxes Below to Indicate Pages Included with Application Submittal	Page Title and Page Number	Indicate Number of Copies Included with Application Submittal
√	Local Governing Body Certification Form, Page 5	1
√	Application Fee Form, Page 6	1
√	Application and Attachments Checklist, Page 9	1
√	Document Certification Form, Page 10	1
√	General Information, Pages 11-12	1
√	Fuel Burning Equipment, Page 13	3
√	Stationary Internal Combustion Engines, Page 14	39
	Incinerators, Page 15	
	Processing, Page 16	
	Inks, Coatings, Stains, and Adhesives, Page 17	
√	VOC/Petroleum Storage Tanks, Pages 18-19	52
	Loading Rack and Oil-Water Separators, Page 20	
	Fumigation Operations, Page 21	
√	Air Pollution Control and Monitoring Equipment, Page 22	41
√	Air Pollution Control/Supplemental Information, Page 23	2
√	Stack Parameters and Fuel Data, Page 24	42
√	Proposed Permit Limits for Criteria Pollutants, Page 25	30
√	Proposed Permit Limits for Toxic Pollutants/HAPs, Page 26	2
√	Proposed Permit Limits for Other Reg. Pollutants, Page 27	2
	Proposed Permit Limits for GHGs on Mass Basis, Page 28	
	Proposed Permit Limits for GHGs on CO_2e Basis, Page 29	
	BAE for Criteria Pollutants, Page 30	
	BAE for GHGs on Mass Basis, Page 31	
	BAE for GHGs on CO_2e Basis, Page 32	
√	Operating Periods, Page 33	3

ATTACHMENTS AND NUMBER OF COPIES

Place a "√"In Boxes Below to Indicate Attachments Included with Application Submittal	Attached Document Names (Use Blank Spaces to Write In Names of any Attachments Not Listed Below)	Indicate Number of Copies Included with Application Submittal
√	Map of Site Location	1
√	Facility Site Plan	1
	Process Flow Diagram/Schematic	
	MSDS or CPDS Sheets	
√	Estimated Emission Calculations	1
	Stack Tests	
	Air Modeling Data	
	Confidential Information (see Instructions)	
	BACT Analysis	
√	Introduction and Summary of Proposed Facility	1

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DOCUMENT CERTIFICATION FORM

I certify under penalty of law that this document and all attachments [as noted above] were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I certify that I understand that the existence of a permit under [Article 6 of the Regulations] does not shield the source from potential enforcement of any regulation of the board governing the major NSR program and does not relieve the source of the responsibility to comply with any applicable provision of the major NSR regulations.

DATE:	DEC. 23 2025
SIGNATURE:	
NAME:	Colin Glish
TITLE:	~~Vice President - Development~~ CEO
PHONE:	780-862-0874
EMAIL:	colin@pointonecorp.com
REGISTRATION NO:	74172
COMPANY NAME:	Remington Technology Park Limited Partnership
ADDRESS:	12280 Lucky Hill Road
	Remington, VA 22734

References: Virginia Regulations for the Control and Abatement of Air Pollution (Regulations), 9VAC5-20-230B and 9VAC5-80-1140E.

GENERAL INFORMATION

Person Completing Form: Arthur B. Nunn, III - Consultant - President, CTN, LLC	Date: 11/30/2025	Registration Number: 74172
Company and Division Name: Remington Technology Park Limited Partnership		FIN:
Mailing Address:		
Exact Source Location – Include Name of City (County) and Full Street Address or Directions: 12280 Lucky Hill Road Remington, VA 22734		
Facility Phone Number: TBD	No. of Employees: 40 – 60300+ acres	Property Area at Site:
Person to Contact on Air Pollution Matters – Name and Title: Name: Arthur B Nunn, III Title: Consultant	Contact Phone Number: 540-798-8761 Contact Email: art.nunn@ctn-onl;ine.com Contact Fax:	
Latitude and Longitude Coordinates **OR** UTM Coordinates of Facility: 38°32.417' North 77°44.597' West		

Reason(s) for Submission (Check all that apply):

☐ State Operating Permit

This permit is applied for pursuant to provisions of the Virginia Administrative Code, 9 VAC 5 Chapter 80, Article 5 (SOP)

☒ New Source

☐ Modification of a Source

☐ Relocation of a Source

This permit is applied for pursuant to the following provisions of the Virginia Administrative Code:

- ☒ 9 VAC 5 Chapter 80, Article 6 (Minor Sources)
- ☐ 9 VAC 5 Chapter 80, Article 8 (PSD Major Sources)
- ☐ 9 VAC 5 Chapter 80, Article 9 (Non-Attainment Major Sources)

☐ Amendment to a Permit Dated: _____ Permit Type: ☐ SOP (Art. 5) ☐ NSR (Art. 6, 8, 9)

Amendment Type:

- ☐ Administrative Amendment
- ☐ Minor Amendment
- ☐ Significant Amendment

This amendment is requested pursuant to the provisions of:

- ☐ 9 VAC 5-80-970 (Art. 5 Adm.)
- ☐ 9 VAC 5-80-980 (Art. 5 Minor)
- ☐ 9 VAC 5-80-990 (Art. 5 Sig.)
- ☐ 9 VAC 5-80-1270 (Art. 6 Adm.)
- ☐ 9 VAC 5-80-1280 (Art. 6 Minor)
- ☐ 9 VAC 5-80-1290 (Art. 6 Sig.)
- ☐ 9 VAC 5-80-1935 (Art. 8 Adm.)
- ☐ 9 VAC 5-80-1945 (Art. 8 Minor)
- ☐ 9 VAC 5-80-1955 (Art. 8 Sig.)
- ☐ 9 VAC 5-80-2210 (Art. 9 Adm.)
- ☐ 9 VAC 5-80-2220 (Art. 9 Minor)
- ☐ 9 VAC 5-80-2230 (Art. 9 Sig.)

☐ Other (specify): _____

Explanation of Permit Request (attach documents if needed):

The subject facility will operate a data center servicing the needs of various clients for their cloud based data storage needs. The facility will be equipped with 13 Gas Turbines which will provide prime power for the first phase of construction, which will include two data center building accompanied by a total of 66 emergency back-up power generators along with single fire generator, as well as two house generators in each building. The second phase of construction, which will begin within 5 years will consist of 4 more data center buildings each with 12 emergency generators and two house generators.

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GENERAL INFORMATION (CONTINUED)

For Portable Plants:

Is this facility designed to be portable? ☐ Yes ☐ No

- If yes, is this facility already permitted as a portable plant? ☐ Yes ☐ No Permit Date: _____

If not permitted, is this an application to be permitted as a portable plant? ☐ Yes ☐ No

If permitted as a portable facility, is this a notification of relocation? ☐ Yes ☐ No

- Describe the new location or address (include a site map): _____

- Will the portable facility be co-located with another source? ☐ Yes ☐ No Reg. No. _____
- Will the portable facility be modified or reconstructed as a result of the relocation? ☐ Yes ☐ No
- Will there be any new emissions other than those associated with the relocation? ☐ Yes ☐ No
- Is the facility suitable for the area to which it will be located? (attach documentation) ☐ Yes ☐ No

Describe the products manufactured and/or services performed at this facility:

The subject facility will operate a data center servicing the needs of various clients for their cloud based data storage needs. The facility will be equipped with 13 Gas Turbines which will provide prime power for the first phase of construction, which will include two data center building accompanied by a total of 66 emergency back-up power generators along with single fire generator, as well as two house generators in each building. The second phase of construction, which will begin within 5 years will consist of 4 more data center buildings each with 12 emergency generators and two house generators.

List the Standard Industrial Classification (SIC) Code(s) for the facility:

7	3	7	4	7	3	7	9								

List the North American Industry Classification System (NAICS) Code(s) for the facility:

5	**1**	**8**	**2**	**1**	**0**																		

List all the facilities in Virginia under common ownership or control by the owner of this facility:

None

Milestones: This section is to be completed if the permit application includes a new emissions unit or modification to existing operations.

Milestones*:	Starting Date:	Estimated Completion Date:
New Equipment Installation	2026	2026
Modification of Existing Process or Equipment		
Start-up Dates		

*For new or modified installations to be constructed in phased schedule, give construction/installation starting and completion date for each phase.

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FUEL BURNING EQUIPMENT: (Boilers, Turbines, Kilns, and Other External Combustion Units)

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Max. Rated Input Heat Capacity For Each Fuel (Million Btu/hr)	Type of Fuel	Type of Equip. (use Code A)	Usage (use Code B)	Requested Throughput* (hrs/yr OR fuel/yr)	Federal Regulations that Apply
TP1	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP2	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP3	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP4	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP5	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK

[X] Estimated Emission Calculations Attached (include references of emission factors) and/or Stack Test Results if Available

Code A – Equipment

BOILER TYPE:
1. Pulverized Coal - Wet Bottom
2. Pulverized Coal - Dry Bottom
3. Pulverized Coal - Cyclone Furnace
4. Circulating Fluidized Bed
5. Spreader Stoke
6. Chain or Travelling Grate Stoker
7. Underfeed Stoker
8. Hand Fired Coal
9. Oil, Tangentially Fired
10. Oil, Horizontally Fired (except rotary cup)
11. Gas, Tangentially Fired
12. Gas, Horizontally Fired
13. Wood with Flyash Reinjection
14. Wood without Flyash Reinjection
15. Other (specify) _____

OTHER COMBUSTION UNITS:
16. Oven / Kiln
17. Rotary Kiln
18. Process Furnace
19. Other (specify) Gas Turbine

Code B - Usage

1. Steam Production
2. Drying / Curing
3. Space Heating
4. Process Heat
5. Food Processing
6. Electrical Generation
7. Mechanical Work
8. Other (specify) _____

***Pick only one option for a requested throughput.**
NOTE: Dryers, kilns, and furnaces also must fill out Page 16, Processing, Manufacturing, Surface Coating and Degreasing Operations.

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FUEL BURNING EQUIPMENT: (Boilers, Turbines, Kilns, and Other External Combustion Units)

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Max. Rated Input Heat Capacity For Each Fuel (Million Btu/hr)	Type of Fuel	Type of Equip. (use Code A)	Usage (use Code B)	Requested Throughput* (hrs/yr OR fuel/yr)	Federal Regulations that Apply
TP6	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP7	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP8	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP9	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP10	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK

[X] Estimated Emission Calculations Attached (include references of emission factors) and/or Stack Test Results if Available

Code A – Equipment

BOILER TYPE:
11. Pulverized Coal - Wet Bottom
12. Pulverized Coal - Dry Bottom
13. Pulverized Coal - Cyclone Furnace
14. Circulating Fluidized Bed
15. Spreader Stoke
16. Chain or Travelling Grate Stoker
17. Underfeed Stoker
18. Hand Fired Coal
19. Oil, Tangentially Fired
20. Oil, Horizontally Fired (except rotary cup)
11. Gas, Tangentially Fired
12. Gas, Horizontally Fired
13. Wood with Flyash Reinjection
14. Wood without Flyash Reinjection
15. Other (specify) _____

OTHER COMBUSTION UNITS:
16. Oven / Kiln
17. Rotary Kiln
18. Process Furnace
19. Other (specify) Gas Turbone

Code B - Usage

1. Steam Production
2. Drying / Curing
3. Space Heating
4. Process Heat
5. Food Processing
6. Electrical Generation
7. Mechanical Work
8. Other (specify) _____

***Pick only one option for a requested throughput.**
NOTE: Dryers, kilns, and furnaces also must fill out Page 16, Processing, Manufacturing, Surface Coating and Degreasing Operations.

Return to "What Pages Do I Fill Out For My Facility?"Error! Reference source not found.

FUEL BURNING EQUIPMENT: (Boilers, Turbines, Kilns, and Other External Combustion Units)

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Max. Rated Input Heat Capacity For Each Fuel (Million Btu/hr)	Type of Fuel	Type of Equip. (use Code A)	Usage (use Code B)	Requested Throughput* (hrs/yr OR fuel/yr)	Federal Regulations that Apply
TP11	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP12	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK
TP13	Solar PGM130 Gas Turbine	TBD	TBD	159.27	Natural Gas	19	6	8,760 hrs/year	40 CFR 60, Subpart KKKK

[X] Estimated Emission Calculations Attached (include references of emission factors) and/or Stack Test Results if Available

Code A – Equipment

BOILER TYPE:
21. Pulverized Coal - Wet Bottom
22. Pulverized Coal - Dry Bottom
23. Pulverized Coal - Cyclone Furnace
24. Circulating Fluidized Bed
25. Spreader Stoke
26. Chain or Travelling Grate Stoker
27. Underfeed Stoker
28. Hand Fired Coal
29. Oil, Tangentially Fired
30. Oil, Horizontally Fired (except rotary cup)
11. Gas, Tangentially Fired
12. Gas, Horizontally Fired
13. Wood with Flyash Reinjection
14. Wood without Flyash Reinjection
15. Other (specify) _____

OTHER COMBUSTION UNITS:
16. Oven / Kiln
17. Rotary Kiln
18. Process Furnace
19. Other (specify) Gas Turbine

Code B - Usage

1. Steam Production
2. Drying / Curing
3. Space Heating
4. Process Heat
5. Food Processing
6. Electrical Generation
7. Mechanical Work
8. Other (specify) _____

***Pick only one option for a requested throughput.**
NOTE: Dryers, kilns, and furnaces also must fill out Page 16, Processing, Manufacturing, Surface Coating and Degreasing Operations.

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
BS1	CAT 3516C Tier 2	TBD	TBD	2,722	1,825	Diesel	5	3,792 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
BS2	CAT 3516C Tier 2	TBD	TBD	2,722	1,825	Diesel	5	3,792 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G1	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G2	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G3	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) Black Start

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B1G4	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G5	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G6	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G7	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G8	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B1G9	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G10	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G11	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G12	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G13	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B1G14	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G15	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G16	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G17	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G18	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B1G19	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G20	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G21	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G22	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1G23	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B1G24	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1H1	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1H2	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B1Fire	CAT C15 Tier 2	TBD	TBD	800	NA	Diesel	5	1,071 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G1	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) Fire Pump

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B2G2	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G3	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G4	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G5	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G6	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B2G7	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G8	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G9	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G10	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G11	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B2G12	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G13	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G14	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G15	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G16	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

Return to "What Pages Do I Fill Out For My Facility?"Error! Reference source not found.

STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B2G17	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G18	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G19	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G20	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G21	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B2G22	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G23	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G24	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G25	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G26	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

Return to "What Pages Do I Fill Out For My Facility?"Error! Reference source not found.

STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B2G27	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G28	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G29	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G30	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G31	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

Return to "What Pages Do I Fill Out For My Facility?"Error! Reference source not found.

STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B2G32	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G33	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G34	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G35	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G36	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B2G37	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G38	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G39	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G40	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2G41	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B2G42	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2H1	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B2H2	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

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B3G1	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G2	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G3	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G4	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G5	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B3G6	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G7	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G8	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G9	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G10	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B3G11	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G12	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G13	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G14	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G15	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B3G16	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G17	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G18	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G19	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G20	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B3G21	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G22	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G23	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G24	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G25	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B3G26	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G27	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3G28	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3H1	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B3H2	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B4G1	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G2	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G3	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G4	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G5	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B4G6	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G7	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G8	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G9	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G10	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B4G11	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G12	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G13	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G14	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
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B4G16	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G17	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G18	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G19	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
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B4G21	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G22	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G23	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G24	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G25	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B4G26	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G27	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4G28	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4H1	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B4H2	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

1. Emergency Generator
2. Participates in Emergency Load Response Program
3. Non-Emergency Generator
4. Participates in Demand Response Program(s)
5. Other (specify) _____

***Can pick more than one option**
(i.e. 1 and 2 **OR** 3 and 4)

****Pick only one option for a requested throughput.**

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B5G1	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G2	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G3	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G4	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G5	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B5G6	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G7	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G8	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G9	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G10	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B5G11	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G12	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G13	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G14	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G15	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B5G16	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G17	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G18	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G19	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G20	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

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STATIONARY INTERNAL COMBUSTION ENGINES:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B5G21	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G22	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G23	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G24	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G25	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

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B5G26	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G27	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5G28	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5H1	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B5H2	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

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Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B6G1	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G2	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G3	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G4	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G5	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B6G6	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G7	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G8	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G9	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G10	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B6G11	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G12	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G13	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G14	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G15	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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B6G16	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G17	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
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B6G19	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
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B6G21	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G22	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G23	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G24	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G25	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Equipment Manufacturer, Type, and Model Number	Date of Manuf.	Date of Const.	Output Brake Horsepower (bhp)	Output Electrical Power (kW)	Type of Fuel	Usage* (use Code C)	Requested Throughput** (hrs/yr OR fuel/yr)	Federal Regulations that Apply
B6G26	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G27	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6G28	CAT 3516E Tier 2	TBD	TBD	4,393	3,000	Diesel	1 & 3	9,405 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6H1	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ
B6H2	CAT C27 Tier 2	TBD	TBD	1,214	800	Diesel	1	1,668 Gal/Year	40 CFR 60 Sub IIII And 40 CFR 63 Sub ZZZZ

[x] Estimated Emission Calculations Attached (include references of emission factors and manufacturer specifications per engine) and/or Stack Test Results if Available.

Code C – Usage

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2. Participates in Emergency Load Response Program
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4. Participates in Demand Response Program(s)
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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (ºF)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
BST1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	6,270	
BST2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	6,270	
B1T1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T3	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B1T4	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T5	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T6	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T7	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T8	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

. Return to "What Pages Do I Fill Out For My Facility?"Error! Reference source not found.

VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B1T9	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T10	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T11	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T12	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T13	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

. Return to "What Pages Do I Fill Out For My Facility?"Error! Reference source not found.

VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B1T14	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T15	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T16	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T17	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T18	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B1T19	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T20	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T21	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T22	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1T23	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B1T24	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B1HT1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	
B1HT2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	
B1FT1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	7x6x2	660	1,071	
B2T1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B2T2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T3	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T4	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T5	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T6	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B2T7	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T8	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T9	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T10	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T11	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B2T12	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T13	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T14	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T15	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T16	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B2T17	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T18	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T19	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T20	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T21	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B2T122	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T123	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T124	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T125	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T126	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B2T27	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T28	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T29	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T30	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T31	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B2T31	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T33	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T34	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T35	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T36	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B2T37	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T38	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T39	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T40	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2T41	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B2T42	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B2HT1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	
B2HT2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

. Return to "What Pages Do I Fill Out For My Facility?"Error! Reference source not found.

VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B3T1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T3	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T4	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T5	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B3T6	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T7	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T8	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T9	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T10	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

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Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

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B3T11	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T12	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T13	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T14	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T15	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

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Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B3T16	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T17	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T18	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T19	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T20	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

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B3T21	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T22	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T23	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T24	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T25	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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B3T26	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T27	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3T28	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B3H1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	
B3H2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	

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Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
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2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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B4T1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T3	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T4	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T5	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

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B4T6	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T7	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T8	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T9	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T10	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

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B4T11	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T12	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T13	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T14	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T15	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

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B4T16	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T17	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T18	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T19	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T20	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

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Code H – Tank Type		**Code I – Source of Tank Contents**
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B4T21	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T22	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T23	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T24	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T25	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

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B4T26	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T27	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4T28	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B4H1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	
B4H2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B5T1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T3	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T4	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T5	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B5T6	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T7	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T8	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T9	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T10	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

. **Return to** **"What Pages Do I Fill Out For My Facility?"**Error! Reference source not found.

VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B5T11	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T12	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T13	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T14	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T15	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B5T16	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T17	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T18	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T19	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T20	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B5T21	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T22	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T23	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T24	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T25	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B5T26	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T27	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5T28	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B5H1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	
B5H2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	

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Code H – Tank Type

1. Fixed Roof
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4. Pressure Tank (over 15 psig)
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6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

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B6T1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T3	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T4	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T5	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

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B6T6	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T7	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T8	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T9	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T10	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

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B6T11	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T12	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T13	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T14	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T15	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (°F)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B6T16	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T17	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T18	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T19	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T20	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type		**Code I – Source of Tank Contents**
1. Fixed Roof a. Vertical Tank b. Horizontal Tank 2. Floating Roof a. Internal (welded deck) b. Internal (bolted deck) – Specify Panel or Sheet c. External (welded deck) d. External (riveted deck)	3. Variable Vapor Space 4. Pressure Tank (over 15 psig) 5. Underground Splash Loading 6. Underground Submerged Loading 7. Underground Submerged Loading, Balanced 8. Other:_____	1. Pipeline 2. Rail Car 3. Tank Truck 4. Ship or Barge 5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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B6T21	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T22	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T23	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T24	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T25	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	

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Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Type (use Code H)	Source of Tank Contents (use Code I)	Date of Manuf.	Date of Const.	Material Stored - Name and CAS # (include Reid Vapor Pressure for Gasoline)	Max. True Vapor Pressure (psia)	Density* (lbs/gal)	Max. Average Storage Temp. (ºF)	Tank Diameter (feet)	Tank Capacity (gal)	Requested Throughput (gal/yr)	Federal Regulations that Apply
B6T26	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T27	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6T28	1b	3	TBD	TBD	Diesel	0.05	7.0	90	13x2x29	5,500	9,405 Gal/Year	
B6H1	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	
B6H2	1b	3	TBD	TBD	Diesel	0.05	7.0	90	6x2x28	2,760	1,670	

[x] Estimated Emission Calculations Attached (include TANKS Program printouts)

Code H – Tank Type

1. Fixed Roof
   a. Vertical Tank
   b. Horizontal Tank
2. Floating Roof
   a. Internal (welded deck)
   b. Internal (bolted deck) – Specify Panel or Sheet
   c. External (welded deck)
   d. External (riveted deck)
3. Variable Vapor Space
4. Pressure Tank (over 15 psig)
5. Underground Splash Loading
6. Underground Submerged Loading
7. Underground Submerged Loading, Balanced
8. Other:_____

Code I – Source of Tank Contents

1. Pipeline
2. Rail Car
3. Tank Truck
4. Ship or Barge
5. Process

*** Specify the ASTM temperature standard at which the density was measured.**

Return to "What Pages Do I Fill Out For My Facility?"Error! Reference source not found.

VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS (CONTINUED):

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Color		Fixed Roof Only					Floating Roof Only				
	Shell	Roof	Internal Tank Height or Length (feet)	Max. Hourly Filling (gallons)	External Fixed Roof			Seal Type (use Code J)	Max. Hourly Withdrawal (gallons)	Internal Floating Roof		
					Type of Roof (cone or dome)	Cone height (ft) and slope (ft/ft)	Dome height (ft) and radius (ft)			Self Supporting?	If no, No. of Columns	If no, Column Diameter (ft)
BST1 & BST2	Black	NA	2	5000	NA	NA	NA	NA	NA	NA	NA	NA
B1GT1-B1GT24			2	5000	NA	NA	NA	NA	NA	NA	NA	NA
B1HT1& B1HT2			2	2760	NA	NA	NA	NA	NA	NA	NA	NA
B1FT			2	660	NA	NA	NA	NA	NA	NA	NA	NA
B2GT1-B2GT42			2	5000	NA	NA	NA	NA	NA	NA	NA	NA

Code J – Seal Type (Pontoon External Only)

1. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
2. Liquid Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary
3. Vapor Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary

(Double Deck External Only)

4. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
5. Liquid Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary
6. Vapor Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary

(Internal Only)

7. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
8. Liquid Mounted
   a. Primary only
   b. Rim mounted secondary
9. Vapor Mounted
   a. Primary only
   b. Rim mounted secondary

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS (CONTINUED):

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Color		Fixed Roof Only					Floating Roof Only				
	Shell	Roof	Internal Tank Height or Length (feet)	Max. Hourly Filling (gallons)	External Fixed Roof			Seal Type (use Code J)	Max. Hourly Withdrawal (gallons)	Internal Floating Roof		
					Type of Roof (cone or dome)	Cone height (ft) and slope (ft/ft)	Dome height (ft) and radius (ft)			Self Supporting?	If no,	
											No. of Columns	Column Diameter (ft)
B2HT1& B2HT2	Black	NA	2	2760	NA	NA	NA	NA	NA	NA	NA	NA
B3GT1-B3GT28			2	5000	NA	NA	NA	NA	NA	NA	NA	NA
B3HT1& B3HT2	Black	NA	2	2760	NA	NA	NA	NA	NA	NA	NA	NA
B4GT1-B4GT28			2	5000	NA	NA	NA	NA	NA	NA	NA	NA
B4HT1& B4HT2	Black	NA	2	2760	NA	NA	NA	NA	NA	NA	NA	NA

Code J – Seal Type (Pontoon External Only)

1. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
2. Liquid Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary
3. Vapor Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary

(Double Deck External Only)

4. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
5. Liquid Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary
6. Vapor Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary

(Internal Only)

7. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
8. Liquid Mounted
   a. Primary only
   b. Rim mounted secondary
9. Vapor Mounted
   a. Primary only
   b. Rim mounted secondary

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VOLATILE ORGANIC COMPOUND (VOC)/PETROLEUM LIQUID STORAGE TANKS (CONTINUED):

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Tank Color		Fixed Roof Only					Floating Roof Only				
	Shell	Roof	Internal Tank Height or Length (feet)	Max. Hourly Filling (gallons)	External Fixed Roof			Seal Type (use Code J)	Max. Hourly Withdrawal (gallons)	Internal Floating Roof		
					Type of Roof (cone or dome)	Cone height (ft) and slope (ft/ft)	Dome height (ft) and radius (ft)			Self Supporting?	If no,	
											No. of Columns	Column Diameter (ft)
B5GT1-B5GT28			2	5000	NA	NA	NA	NA	NA	NA	NA	NA
B5HT1& B5HT2	Black	NA	2	2760	NA	NA	NA	NA	NA	NA	NA	NA
B6GT1-B6GT28			2	5000	NA	NA	NA	NA	NA	NA	NA	NA
B6HT1& B6HT2	Black	NA	2	2760	NA	NA	NA	NA	NA	NA	NA	NA

Code J – Seal Type (Pontoon External Only)

1. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
2. Liquid Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary
3. Vapor Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary

(Double Deck External Only)

4. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
5. Liquid Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary
6. Vapor Mounted
   a. Primary only
   b. Weather shield secondary
   c. Rim mounted secondary

(Internal Only)

7. Mechanical Shoe
   a. Primary only
   b. Shoe mounted secondary
   c. Rim mounted secondary
8. Liquid Mounted
   a. Primary only
   b. Rim mounted secondary
9. Vapor Mounted
   a. Primary only
   b. Rim mounted secondary

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
TP1	TPS1	TPCD1	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP2	TPS2	TPCD2	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP3	TPS3	TPCD3	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP4	TPS4	TPCD4	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP5	TPS5	TPCD5	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
TP6	TPS6	TPCD6	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP7	TPS7	TPCD7	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP8	TPS8	TPCD8	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP9	TPS9	TPCD9	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP10	TPS10	TPCD10	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
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6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
TP11	TPS11	TPCD11	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP12	TPS12	TPCD12	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.
TP13	TPS13	TPCD13	CO and NOx	Energy Link SCR and CO Catalyst System	21	CO = 90% NOx = 75%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and ammonia flow rate monitor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B1G1	B1S1	B1CD1	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G2	B1S2	B1CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G3	B1S3	B1CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G4	B1S4	B1CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G5	B1S5	B1CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B1G6	B1S6	B1CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G7	B1S7	B1CD7	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G8	B1S8	B1CD8	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G9	B1S9	B1CD9	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G10	B1S10	B1CD10	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
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4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B1G11	B1S11	B1CD11	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G12	B1S12	B1CD12	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G13	B1S13	B1CD13	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G14	B1S14	B1CD14	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G15	B1S15	B1CD15	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 09/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B1G16	B1S16	B1CD16	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G17	B1S17	B1CD17	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G18	B1S18	B1CD18	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G19	B1S19	B1CD19	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G20	B1S20	B1CD20	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B1G21	B1S21	B1CD1	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G22	B1S22	B1CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G23	B1S23	B1CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B1G24	B1S24	B1CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G1	B2S1	B2CD1	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

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9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
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17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B2G2	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G3	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G4	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G5	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G6	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B2G7	B2S7	B2CD7	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G8	B2S8	B2CD8	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G9	B2S9	B2CD9	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G10	B2S10	B2CD10	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G11	B2S11	B2CD11	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B2G12	B2S12	B2CD12	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G13	B2S13	B2CD13	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G14	B2S14	B2CD14	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G15	B2S15	B2CD15	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G16	B2S16	B2CD16	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
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6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B2G17	B2S17	B2CD17	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G18	B2S18	B2CD18	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G19	B2S19	B2CD19	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G20	B2S20	B2CD20	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G21	B2S21	B2CD21	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
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6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B2G22	B2S22	B2CD22	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G23	B2S23	B2CD23	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G24	B2S24	B2CD24	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G25	B2S25	B2CD25	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G26	B2S25	B2CD26	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B2G27	B2S27	B2CD27	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G28	B2S28	B2CD28	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G29	B2S29	B2CD29	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G30	B2S30	B2CD30	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G31	B2S31	B2CD31	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B2G32	B2S32	B2CD32	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G33	B2S33	B2CD33	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G34	B2S34	B2CD34	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G35	B2S35	B2CD55	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G36	B2S36	B2CD36	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B2G37	B2S37	B2CD37	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G38	B2S38	B2CD38	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G39	B2S39	B2CD39	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G40	B2S40	B2CD40	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B2G41	B2S41	B2CD41	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B2G42	B2S42	B2CD42	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B3G1	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G2	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G3	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G4	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G5	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B3G6	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G7	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G8	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G9	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G10	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B3G11	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G12	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G13	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G14	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G15	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

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9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
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15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B3G16	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G17	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G18	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G19	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G20	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

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   b. Other:_____
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    a. Hot side
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    c. High voltage
    d. Low voltage
    e. Single stage
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    g. Other:_____
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12. Direct Flame Afterburner
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15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
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    a. Packed tower
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    c. Tray tower
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    e. Other:_____
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    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
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    e. Other:_____
20. Condenser (specify)
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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B3G21	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G22	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G23	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G24	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G25	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

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9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B3G26	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G27	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B3G28	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

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   a. Baghouse
   b. Other:_____
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    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B4G1	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G2	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G3	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G4	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G5	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

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9. Filter
   a. Baghouse
   b. Other:_____
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    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B4G6	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G7	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G8	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G9	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G10	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

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   a. Baghouse
   b. Other:_____
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    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
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11. Catalytic Afterburner
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13. Diesel Oxidation Catalyst (DOC)
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17. Selective Non-Catalytic Reduction (SNCR)
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    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
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    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B4G11	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G12	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G13	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G14	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G15	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B4G16	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G17	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G18	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G19	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G20	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

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B4G21	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G22	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G23	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G24	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G25	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

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    b. Molecular sieve
    c. Activated alumina
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    e. Other:_____
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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B4G26	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G27	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B4G28	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

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    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B5G1	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G2	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G3	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G4	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G5	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B5G6	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G7	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G8	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G9	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G10	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

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   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
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    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
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    b. Spray tower
    c. Tray tower
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    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
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    e. Other:_____
20. Condenser (specify)
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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B5G11	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G12	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G13	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G14	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G15	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

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9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
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16. Selective Catalytic Reduction (SCR)
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    a. Packed tower
    b. Spray tower
    c. Tray tower
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    e. Other:_____
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    a. Activated carbon
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    e. Other:_____
20. Condenser (specify)
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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B5G16	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G17	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G18	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G19	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G20	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

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9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
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17. Selective Non-Catalytic Reduction (SNCR)
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    a. Packed tower
    b. Spray tower
    c. Tray tower
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    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
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Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B5G21	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G22	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G23	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G24	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G25	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

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6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
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17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B5G26	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G27	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B5G28	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

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6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B6G1	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G2	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G3	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G4	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G5	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

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   b. Other:_____
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    d. Low voltage
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    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B6G6	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G7	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G8	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G9	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G10	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

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    d. Low voltage
    e. Single stage
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    a. Activated carbon
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    e. Other:_____
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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B6G11	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G12	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G13	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G14	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G15	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

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				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B6G16	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G17	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G18	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G19	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G20	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

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    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B6G21	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G22	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G23	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G24	B2S5	B2CD5	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G25	B2S6	B2CD6	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

1. Settling Chamber
2. Cyclone
3. Multicyclone
4. Cyclone scrubber
5. Orifice scrubber
6. Mechanical scrubber
7. Venturi scrubber
   a. Fixed throat
   b. Variable throat
8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other: Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL AND MONITORING EQUIPMENT:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Device Ref. No.	Pollutant/Parameter	Air Pollution Control Equipment			Monitoring Instrumentation
				Manufacturer and Model No.	Type (use Code N)	Percent Efficiency (%)	Specify Type, Measured Pollutant, and Recorder Used
B6G26	B2S2	B2CD2	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G27	B2S3	B2CD3	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.
B6G28	B2S4	B2CD4	NOx	Miratech ACIS-3	16	90%	Inlet and Outlet catalyst bed temperature probes, catalyst system pressure drop sensor, and catalyst outlet NOx sensor.

[X] Manufacturer Specifications Included

Code N – Type of Air Pollution Control Equipment

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7. Venturi scrubber
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8. Mist eliminator
9. Filter
   a. Baghouse
   b. Other:_____
10. Electrostatic Precipitator
    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
14. Thermal Oxidizer
15. Regenerative Thermal Oxidizer (RTO)
16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
20. Condenser (specify)
21. Other:__Combined oxidation catalyst and SCR

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AIR POLLUTION CONTROL EQUIPMENT - SUPPLEMENTAL INFORMATION:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Device Ref. No.	Type (use Code N)	Liquid Flow Rate (gpm) (4, 5, 6, 7, 17 ,19)	Liquid Medium (4, 5, 6, 7, 17, 19)	Cleaning Method (9, 10, 17, 18)	Number of Fields (10)	Number of Sections (9, 10)	Air to Cloth Ratio (fpm) (9)	Filter Material (9)	Inlet Temp. (°F)	Regeneration Method & Cycle Time (sec) (18)	Chamber Temp. (°F) (11, 12, 14, 15)	Retention Time (sec) (11, 12, 14, 15)	Pressure Drop (inch H_2O) (3, 4, 5, 6, 7, 9, 17)
TPCD1 – TPCD13	21	NA	NA	NA	NA	NA	NA	NA	910	NA	NA	NA	NA
B1CD1 – B1CD24	16	NA	NA	NA	NA	NA	NA	NA	903	NA	NA	NA	NA
B2CD1 – B2CD42	16	NA	NA	NA	NA	NA	NA	NA	903	NA	NA	NA	NA
B3CD1 – B3CD28	16	NA	NA	NA	NA	NA	NA	NA	903	NA	NA	NA	NA

NOTE: Numbers listed in parenthesis in the columns above represent the Control Equipment in Code N below.

Code N – Type of Air Pollution Control Equipment

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16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
    b. Spray tower
    c. Tray tower
    d. Venturi
    e. Other:_____
19. Adsorber
    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
    e. Other:_____
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AIR POLLUTION CONTROL EQUIPMENT - SUPPLEMENTAL INFORMATION:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Device Ref. No.	Type (use Code N)	Liquid Flow Rate (gpm) (4, 5, 6, 7, 17 ,19)	Liquid Medium (4, 5, 6, 7, 17, 19)	Cleaning Method (9, 10, 17, 18)	Number of Fields (10)	Number of Sections (9, 10)	Air to Cloth Ratio (fpm) (9)	Filter Material (9)	Inlet Temp. (°F)	Regeneration Method & Cycle Time (sec) (18)	Chamber Temp. (°F) (11, 12, 14, 15)	Retention Time (sec) (11, 12, 14, 15)	Pressure Drop (inch H_2O) (3, 4, 5, 6, 7, 9, 17)
B4CD1 – B4CD28	16	NA	NA	NA	NA	NA	NA	NA	903	NA	NA	NA	NA
B5CD1 – B5CD28	16	NA	NA	NA	NA	NA	NA	NA	903	NA	NA	NA	NA
B6CD1 – B6CD28	16	NA	NA	NA	NA	NA	NA	NA	903	NA	NA	NA	NA

NOTE: Numbers listed in parenthesis in the columns above represent the Control Equipment in Code N below.

Code N – Type of Air Pollution Control Equipment

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9. Filter
   a. Baghouse
   b. Other:_____
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    a. Hot side
    b. Cold side
    c. High voltage
    d. Low voltage
    e. Single stage
    f. Two stage
    g. Other:_____
11. Catalytic Afterburner
12. Direct Flame Afterburner
13. Diesel Oxidation Catalyst (DOC)
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16. Selective Catalytic Reduction (SCR)
17. Selective Non-Catalytic Reduction (SNCR)
18. Absorber
    a. Packed tower
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    c. Tray tower
    d. Venturi
    e. Other:_____
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    a. Activated carbon
    b. Molecular sieve
    c. Activated alumina
    d. Silica gel
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STACK PARAMETERS AND FUEL DATA:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
TP1	TPS1	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP2	TPS2	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP3	TPS3	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP4	TPS4	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP5	TPS5	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01

Code O – Vent/Stack Configuration

1. Stack discharging downward, or nearly downward
2. Equivalent stack representing a combination of multiple actual stacks
3. Gooseneck stack
4. Stack discharging in a horizontal direction
5. Stack with an unobstructed opening discharge in a vertical direction
6. Vertical stack with a weather cap or similar obstruction in exhaust system

*** Specify units for each heating value in Btus per unit of fuel.**

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STACK PARAMETERS AND FUEL DATA:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
TP6	TPS6	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP7	TPS7	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP8	TPS8	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP9	TPS9	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP10	TPS10	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01

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Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
TP11	TPS11	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP12	TPS12	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
TP13	TPS13	6	50	9	71.8	274,052	850	Natural Gas	939 Btu/SCF	170,074 SCF/Hr	0.01	0.01
BS1	BS1S1	6	20	2	86.6	16,331	917	Diesel	137,000 Btu/Gal	127 Gal/Hr	0.0015	0.01
BS2	BS2S2	6	20	2	86.6	16,331	917	Diesel	137,000 Btu/Gal	127 Gal/Hr	0.0015	0.01

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Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B1G1	B1S1	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G2	B1S2	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G3	B1S3	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G4	B1S4	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G5	B1S5	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B1G6	B1S6	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G7	B1S7	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G8	B1S8	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G9	B1S9	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G10	B1S10	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B1G11	B1S11	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G12	B1S12	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G13	B1S13	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G14	B1S14	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G15	B1S15	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B1G16	B1S16	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G17	B1S17	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G18	B1S18	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G19	B1S19	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G20	B1S20	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B1G21	B1S21	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G22	B1S22	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G23	B1S23	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1G24	B1S24	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B1H1	B1S25	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01

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STACK PARAMETERS AND FUEL DATA:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B1H2	B1S26	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01
B1Fire	B1S27	6	20	1.0	81.6	3,870	988	Diesel	137,000 Btu/Gal	35.4 Gal/Hr	0.0015	0.01
B2G1	B2S1	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G2	B2S2	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G3	B2S3	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

Code O – Vent/Stack Configuration

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3. Gooseneck stack
4. Stack discharging in a horizontal direction
5. Stack with an unobstructed opening discharge in a vertical direction
6. Vertical stack with a weather cap or similar obstruction in exhaust system

*** Specify units for each heating value in Btus per unit of fuel.**

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STACK PARAMETERS AND FUEL DATA:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B2G4	B2S4	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G5	B2S5	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G6	B2S6	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G7	B2S7	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G8	B2S8	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B2G9	B2S8	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G10	B2S9	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G11	B2S10	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G12	B2S11	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G13	B2S12	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B2G13	B2S13	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G14	B2S14	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G15	B2S15	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G16	B2S16	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G17	B2S17	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B2G18	B2S18	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G19	B2S19	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G20	B2S20	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G21	B2S21	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G22	B2S22	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B2G23	B2S23	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G24	B2S24	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G25	B2S25	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G26	B2S26	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G27	B2S27	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B2G28	B2S28	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G29	B2S29	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G30	B2S30	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G31	B2S31	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G32	B2S32	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B2G33	B2S33	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G34	B2S34	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G35	B2S35	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G36	B2S36	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G37	B2S37	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B2G38	B2S38	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G39	B2S39	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G40	B2S40	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G41	B2S41	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B2G42	B2S42	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B2H1	B2S43	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01
B2H2	B2S44	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01

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B3G1	B3S1	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G2	B3S2	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G3	B3S3	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G4	B3S4	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G5	B3S5	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B3G6	B3S6	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G7	B3S7	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G8	B3S8	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G9	B3S9	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G10	B3S10	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B3G11	B3S11	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G12	B3S12	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G13	B3S13	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G14	B3S14	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G15	B3S15	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B3G16	B3S16	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G17	B3S17	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G18	B3S18	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G19	B3S19	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G20	B3S20	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B3G21	B3S21	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G22	B3S22	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G23	B3S23	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G24	B3S24	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G25	B3S25	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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4. Stack discharging in a horizontal direction
5. Stack with an unobstructed opening discharge in a vertical direction
6. Vertical stack with a weather cap or similar obstruction in exhaust system

*** Specify units for each heating value in Btus per unit of fuel.**

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STACK PARAMETERS AND FUEL DATA:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B3G26	B3S26	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G27	B3S27	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3G28	B3S28	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B3H1	B3S29	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01
B3H2	B3S30	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01

Code O – Vent/Stack Configuration

1. Stack discharging downward, or nearly downward
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STACK PARAMETERS AND FUEL DATA:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B4G1	B4S1	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G2	B4S2	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G3	B4S3	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G4	B4S4	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G5	B4S5	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

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		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B4G6	B4S6	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G7	B4S7	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G8	B4S8	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G9	B4S9	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G10	B4S10	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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STACK PARAMETERS AND FUEL DATA:

Company Name: Remington Technology Park Limited Partnership	**Date:** 09/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B4G11	B4S11	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G12	B4S12	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G13	B4S13	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G14	B4S14	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G15	B4S15	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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STACK PARAMETERS AND FUEL DATA:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B4G16	B4S16	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G17	B4S17	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G18	B4S18	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G19	B4S19	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G20	B4S20	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B4G21	B4S21	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G22	B4S22	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G23	B4S23	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G24	B4S24	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G25	B4S25	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B4G26	B4S26	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G27	B4S27	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4G28	B4S28	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B4H1	B4S29	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01
B4H2	B4S30	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01

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B5G1	B5S1	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G2	B5S2	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G3	B5S3	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G4	B5S4	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G5	B5S5	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B5G6	B5S6	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G7	B5S7	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G8	B5S8	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G9	B5S9	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G10	B5S10	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B5G11	B5S11	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G12	B5S12	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G13	B5S13	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G14	B5S14	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G15	B5S15	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B5G16	B5S16	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G17	B5S17	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G18	B5S18	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G19	B5S19	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G20	B5S20	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B5G21	B5S21	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G22	B5S22	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G23	B5S23	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G24	B5S24	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G25	B5S25	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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B5G26	B5S26	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G27	B5S27	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5G28	B5S28	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B5H1	B5S29	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01
B5H2	B5S30	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01

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B6G1	B6S1	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G2	B6S2	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G3	B6S3	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G4	B6S4	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G5	B6S5	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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5. Stack with an unobstructed opening discharge in a vertical direction
6. Vertical stack with a weather cap or similar obstruction in exhaust system

*** Specify units for each heating value in Btus per unit of fuel.**

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STACK PARAMETERS AND FUEL DATA:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B6G6	B6S6	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G7	B6S7	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G8	B6S8	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G9	B6S9	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G10	B6S10	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

Code O – Vent/Stack Configuration

1. Stack discharging downward, or nearly downward
2. Equivalent stack representing a combination of multiple actual stacks
3. Gooseneck stack
4. Stack discharging in a horizontal direction
5. Stack with an unobstructed opening discharge in a vertical direction
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		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B6G11	B6S11	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G12	B6S12	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G13	B6S13	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G14	B6S14	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G15	B6S15	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B6G16	B6S16	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G17	B6S17	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G18	B6S18	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G19	B6S19	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G20	B6S20	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B6G21	B6S21	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G22	B6S22	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G23	B6S23	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G24	B6S24	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G25	B6S25	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01

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Unit Ref. No.	Vent/ Stack No.	Vent/Stack or Exhaust Data						Fuel(s) Data				
		Vent/Stack Config. (use Code O)	Vent/Stack Height (feet)	Exit Diameter (feet)	Exit Gas Velocity (ft/sec)	Exit Gas Flow Rate (acfm)	Exit Gas Temp. (°F)	Type of Fuel	Heating Value* (Btu/____)	Max. Rated Burned/hr (specify units)	Max. Sulfur %	Max. Ash %
B6G26	B6S26	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G27	B6S27	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6G28	B6S28	6	20	2.5	81.5	23,971	903	Diesel	137,000 Btu/Gal	209 Gal/Hr	0.0015	0.01
B6H1	B6S29	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01
B6H2	B6S30	6	20	1.0	125.3	5,942	948	Diesel	137,000 Btu/Gal	55.6 Gal/Hr	0.0015	0.01

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
TP1	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP2	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP3	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP4	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP5	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP6	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP7	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
TP8	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP9	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP10	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP11	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP12	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
TP13	0.68	2.08	0.68	2.08	0.68	2.08	0.24	0.73	1.539	4.67	0.937	2.84	0.092	0.28	0	0
BS1	0.12	.002	0.12	.002	0.12	.002	0.01	0.0001	36.0	0.54	0.77	0.01	0.18	0.003	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

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Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
BS2	0.12	.002	0.12	.002	0.12	.002	0.01	0.0001	36.0	0.54	0.77	0.01	0.18	0.003	0	0
B1G1	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G2	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G3	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G4	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G5	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G6	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

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	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B1G7	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G8	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G9	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G10	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G11	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G12	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G13	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

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	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B1G14	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G15	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G16	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G17	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G18	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G19	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G20	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

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	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B1G21	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G22	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G23	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1G24	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B1Fire	0.34	0.01	0.28	0.01	0.28	0.01	0.01	0.001	53.65	0.80	11.33	0.17	0.39	0.01	0	0
B1H1	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
B1H2	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B2G1	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G2	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G3	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G4	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G5	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G6	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G7	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B2G8	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G9	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G10	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G11	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G12	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G13	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G14	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B2G15	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G16	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G17	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G18	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G19	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G20	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G21	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B2G22	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G23	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G24	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G25	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G26	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G27	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G28	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B2G29	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G30	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G31	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G32	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G33	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G34	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G35	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B2G36	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G37	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G38	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G39	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G40	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G41	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B2G42	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B2H1	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
B2H2	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
B3G1	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G2	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G3	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G4	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G5	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B3G6	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G7	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G8	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G9	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G10	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G11	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G12	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B3G13	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G14	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G15	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G16	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G17	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G18	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G19	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B3G20	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G21	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G22	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G23	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G24	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G25	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G26	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B3G27	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3G28	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B3H1	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
B3H2	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
B4G1	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G2	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G3	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B4G4	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G5	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G6	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G7	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G8	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G9	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G10	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b]** (10 µM or smaller particulate matter)		**PM 2.5 [a,b]** (2.5 µM or smaller particulate matter)		**SO_2** (Sulfur Dioxide)		**NO_X** (Nitrogen Oxides)		**CO** (Carbon Monoxide)		**VOC [a]** (Volatile Organic Compounds)		**Pb** (Lead)	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B4G11	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G12	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G13	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G14	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G15	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G16	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G17	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

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Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B4G18	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G19	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G20	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G21	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G22	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G23	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G24	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B4G25	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G26	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G27	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4G28	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B4H1	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
B4H2	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
B5G1	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

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Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b]** (10 µM or smaller particulate matter)		**PM 2.5 [a,b]** (2.5 µM or smaller particulate matter)		**SO_2** (Sulfur Dioxide)		**NO_X** (Nitrogen Oxides)		**CO** (Carbon Monoxide)		**VOC [a]** (Volatile Organic Compounds)		**Pb** (Lead)	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B5G2	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G3	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G4	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G5	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G6	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G7	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G8	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

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	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B5G9	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G10	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G11	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G12	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G13	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G14	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G15	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

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Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B5G16	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G17	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G18	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G19	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G20	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G21	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G22	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B5G23	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G24	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G25	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G26	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G27	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5G28	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B5H1	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B5H2	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
B6G1	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G2	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G3	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G4	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G5	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G6	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B6G7	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G8	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G9	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G10	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G11	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G12	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G13	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B6G14	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G15	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G16	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G17	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G18	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G19	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G20	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B6G21	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G22	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G23	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G24	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G25	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G26	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6G27	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
TOTAL:	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR CRITERIA POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Criteria Pollutants															
	PM [a] (Particulate Matter)		**PM-10 [a,b] (10 µM or smaller particulate matter)**		**PM 2.5 [a,b] (2.5 µM or smaller particulate matter)**		**SO_2 (Sulfur Dioxide)**		**NO_X (Nitrogen Oxides)**		**CO (Carbon Monoxide)**		**VOC [a] (Volatile Organic Compounds)**		**Pb (Lead)**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/ yr**	**lbs/hr**	**tons/ yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B6G28	2.00	0.05	1.65	0.04	1.65	0.04	0.05	0.001	5.96	0.13	9.59	0.22	0.58	0.01	0	0
B6H1	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
B6H2	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.001	59.17	0.89	4.26	0.06	0.48	0.01	0	0
TOTAL:	371.8	36.1	308.3	34.3	308.3	34.3	10.39	9.7	1916.9	96.4	1783.2	68.5	110.9	4.7	0	

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

[a] PM, PM-10, PM 2.5, and VOC should also be split up by component and reported under the Proposed Permit Limits for Toxic Pollutants/HAPs.

[b] PM-10 and PM 2.5 includes filterable and condensable.

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PROPOSED PERMIT LIMITS FOR TOXIC POLLUTANTS/HAPS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	**Proposed Permit Limits for Toxic/HAP Pollutants***															
	HAP Name: Formaldehyde CAS #: 50-00-0		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
TP1	0.11	0.34														
TP2	0.11	0.34														
TP3	0.11	0.34														
TP4	0.11	0.34														
TP5	0.11	0.34														
TP6	0.11	0.34														
TP7	0.11	0.34														
TOTAL:	Cont.	Cont.														

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

*** Specify the name of the toxic pollutant/HAP for each Unit Ref. No. along with the respective CAS Number**. Toxic Pollutant means a pollutant on the designated list in the Form 7 Instructions document. Particulate matter and volatile organic compounds are not toxic pollutants as generic classes of substances, but individual substances within these classes may be toxic pollutants because their toxic properties or because a TLV (tm) has been established.

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PROPOSED PERMIT LIMITS FOR TOXIC POLLUTANTS/HAPS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Proposed Permit Limits for Toxic/HAP Pollutants*															
	HAP Name: Formaldehyde CAS #: 50-00-0		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**		**HAP Name: CAS #:**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
TP8	0.11	0.34														
TP9	0.11	0.34														
TP10	0.11	0.34														
TP11	0.11	0.34														
TP12	0.11	0.34														
TP13	0.11	0.34														
TOTAL:	1.43.	4.42														

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

*** Specify the name of the toxic pollutant/HAP for each Unit Ref. No. along with the respective CAS Number**. Toxic Pollutant means a pollutant on the designated list in the Form 7 Instructions document. Particulate matter and volatile organic compounds are not toxic pollutants as generic classes of substances, but individual substances within these classes may be toxic pollutants because their toxic properties or because a TLV (tm) has been established.

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PROPOSED PERMIT LIMITS FOR OTHER REGULATED POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	**Proposed Permit Limits for Other Regulated Pollutants***															
	Pollutant Name: Ammonia		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
T1 – T13	17.09	56.1														
B1G1-B1G24	9.30	0.21														
B2G1-B2G42	16.38	0.37														
B3G1-B3G28	10.85	0.24														
TOTAL:	Cont.	Cont.														

[X] Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

*** Other Regulated Pollutant** include Fluorides, Sulfuric Acid Mist, Hydrogen Sulfide (H_2S), Total Reduced Sulfur (including H_2S), Reduced Sulfur Compounds (including H_2S), Municipal Waste Combustor Organics (measured as total tetra-through octa-chlorinated dibenzo-p-dioxins and dibenzofurans), Municipal Waste Combustor Metals (measured as particulate matter), Municipal Waste Combustor Acid Gases (measured as the sum of SO_2 and HCl), and Municipal Solid Waste Landfill Emissions (measured as nonmethane organic compounds).

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PROPOSED PERMIT LIMITS FOR OTHER REGULATED POLLUTANTS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	**Proposed Permit Limits for Other Regulated Pollutants***															
	Pollutant Name: Ammonia		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**		**Pollutant Name:**	
	lbs/hr	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**	**lbs/hr**	**tons/yr**
B4G1-B4G28	10.85	0.24														
B5G1-B5G28	10.85	0.24														
B6G1-B6G28	10.85	0.24														
TOTAL:	86.17	57.64														

X Estimated Emission Calculations Attached (totals and per Unit Ref. No.)

*** Other Regulated Pollutant** include Fluorides, Sulfuric Acid Mist, Hydrogen Sulfide (H_2S), Total Reduced Sulfur (including H_2S), Reduced Sulfur Compounds (including H_2S), Municipal Waste Combustor Organics (measured as total tetra-through octa-chlorinated dibenzo-p-dioxins and dibenzofurans), Municipal Waste Combustor Metals (measured as particulate matter), Municipal Waste Combustor Acid Gases (measured as the sum of SO_2 and HCl), and Municipal Solid Waste Landfill Emissions (measured as nonmethane organic compounds).

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OPERATING PERIODS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Percent Annual Use/Throughput by Season				Normal Process/Equipment Operating Schedule			Maximum Process/Equipment Operating Schedule		
	December / February	March / May	June / August	September / November	Hours per Day	Days per Week	Weeks per Year	Hours per Day	Days per Week	Weeks per Year
T1-T13	25	25	25	25	24	7	52	24	7	52
BS1 & 2	25	25	25	25	0.5	1	52	3	1	52
B1G1 – B1G24	25	25	25	25	0.5	1	52	24	2	1
B1Fire	25	25	25	25	0.5	1	52	3	1	52
B1H1 &2	25	25	25	25	0.5	1	52	3	1	52
B2G1 – B2G42	25	25	25	25	0.5	1	52	24	2	1
B2H1&2	25	25	25	25	0.5	1	52	3	1	52

Maximum Facility Operating Schedule		
Hours per Day	**Days per Week**	**Weeks per Year**
24	**7**	**52**

Return to "What Pages Do I Fill Out For My Facility?"

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OPERATING PERIODS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Percent Annual Use/Throughput by Season				Normal Process/Equipment Operating Schedule			Maximum Process/Equipment Operating Schedule		
	December / February	March / May	June / August	September / November	Hours per Day	Days per Week	Weeks per Year	Hours per Day	Days per Week	Weeks per Year
B3G1 – B3G28	25	25	25	25	0.5	1	52	24	2	1
B3H1&2	25	25	25	25	0.5	1	52	3	1	52
B4G1 – B4G28	25	25	25	25	0.5	1	52	24	2	1
B4H1&2	25	25	25	25	0.5	1	52	3	1	52
B5G1 – B5G28	25	25	25	25	0.5	1	52	24	2	1
B5H1&2	25	25	25	25	0.5	1	52	3	1	52

Maximum Facility Operating Schedule		
Hours per Day	**Days per Week**	**Weeks per Year**
24	**7**	**52**

Return to "What Pages Do I Fill Out For My Facility?"

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OPERATING PERIODS:

Company Name: Remington Technology Park Limited Partnership	**Date:** 11/30/2025	**Registration Number:** 74172

Unit Ref. No.	Percent Annual Use/Throughput by Season				Normal Process/Equipment Operating Schedule			Maximum Process/Equipment Operating Schedule		
	December / February	March / May	June / August	September / November	Hours per Day	Days per Week	Weeks per Year	Hours per Day	Days per Week	Weeks per Year
B6G1 – B6G28	25	25	25	25	0.5	1	52	24	2	1
B6H1&2	25	25	25	25	0.5	1	52	3	1	52

Maximum Facility Operating Schedule		
Hours per Day	**Days per Week**	**Weeks per Year**
24	**7**	**52**

SECTION 3

EMISSIONS AND DIESEL USE CALCULATIONS

POINT ONE REMMINGTON FACILITY
AIR POLLUTANT EMISSIONS CALCULATIONS
PHASE 1

Gen Number	Engine Generator	Capacity	Capacity	Uncontrolled NO_x Emission Factor	Controlled NO_x Emission Factor	CO Emission Factor	VOC Emission Factor	NH3 Emission Factor
		kW	hp	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr
BUILDING 1								
1-1	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-2	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-3	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-4	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-5	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-6	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-7	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-8	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-9	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-10	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-11	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-12	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-13	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-14	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-15	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-16	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-17	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-18	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-19	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-20	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-21	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-22	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-23	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
1-24	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
HG1-1	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.04
HG1-2	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.04
Fire 1	CAT C15	500	762	5.54	5.54	1.17	0.04	0.04

Gen Number	Engine Generator	Capacity	Capacity	Uncontrolled NO_x Emission Factor	Controlled NO_x Emission Factor	CO Emission Factor	VOC Emission Factor	NH3 Emission Factor
		kW	hp	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr
BUILDING 2								
2-1	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-2	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-3	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-4	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-5	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-6	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-7	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-8	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-9	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-10	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-11	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-12	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-13	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-14	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-15	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-16	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-17	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-18	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-19	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-20	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-21	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-22	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-23	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-24	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-25	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-26	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04

2-27	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-28	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-29	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-30	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-31	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-32	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-33	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-34	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-35	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-36	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-37	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-38	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-39	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-40	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-41	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
2-42	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
HG2-1	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.04
HG2-2	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.04

Gen	Annual Operating	Fuel Consuimption	NOx Emissions		Carbon Monoxide Emissions		VOC Emissions		NH3 Emissions	
Number	Hours	(gallons)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
BULDING 1										
1-1	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-2	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-3	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-4	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-5	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-6	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-7	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-8	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-9	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-10	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-11	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-12	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-13	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-14	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-15	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-16	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-17	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-18	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-19	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-20	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-21	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-22	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-23	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
1-24	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
HG1-1	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
HG1-2	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
Fire 1	30	1,071	53.65	0.80	11.33	0.17	0.39	0.01	0.00	0.00
Total Bldg 1		230,127	314.95	5.80	249.97	5.48	15.30	0.33	9.30	0.21

Gen	Annual Operating	Fuel Consuimption	NOx Emissions		Carbon Monoxide Emissions		VOC Emissions		NH3 Emissions	
Number	Hours	(gallons)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
BUILDING 2										
2-1	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-2	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-3	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-4	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-5	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-6	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-7	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-8	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-9	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-10	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-11	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01

2-12	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-13	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-14	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-15	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-16	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-17	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-18	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-19	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-20	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-21	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-22	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-23	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-24	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-25	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-26	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-27	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-28	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-29	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-30	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-31	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-32	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-33	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-34	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-35	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-36	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-37	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-38	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-39	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-40	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-41	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
2-42	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
HG2-1	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
HG2-2	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
TOTAL		398,346	368.51	7.40	411.22	9.19	25.37	0.56	16.27	0.37

Gen Number	Engine Generator	Capacity	Capacity	PM Emission Factor (Including condensables)	PM-10 Emission Factor (Including condensables)	PM-2.5 Emission Factor (Including condensables)	SO2 Emission Factor
		kW	mmBtu/hr	lb/MMBtu	lb/MMBtu	lb/MMBtu	lb/MMBtu
BUILDING 1							
1-1	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-2	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-3	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-4	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-5	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-6	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-7	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-8	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-9	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-10	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-11	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-12	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-13	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-14	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-15	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-16	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-17	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-18	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-19	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-20	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-21	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-22	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-23	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
1-24	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03

HG1-1	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG1-2	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03
Fire 1	CAT C15	500	4.90	6.97E-02	5.73E-02	5.73E-02	1.52E-03

Note: Per AP-42 Table 3.4.2, Total PM (Including condensibles) emission rate is 0.0697 lb/MMBtu. PM-10 and below (including condensibles is 0.0573 lb/MMBtu.

Note: Per AP-42 Table 3.4.1, SO2 emissions = 1.01S where S=sulfur content. Assuming 15ppm sulfur, this yields an emission rate of 1.52E-03 lb/MMBtu.

Gen Number	Engine Generator	Capacity	Capacity	PM Emission Factor (Including condensables)	PM-10 Emission Factor (Including condensables)	PM-2.5 Emission Factor (Including condensables)	SO2 Emission Factor
		kW	mmBtu/hr	lb/MMBtu	lb/MMBtu	lb/MMBtu	lb/MMBtu
				BUILDING 2			
2-1	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-2	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-3	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-4	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-5	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-6	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-7	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-8	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-9	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-10	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-11	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-12	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-13	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-14	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-15	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-16	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-17	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-18	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-19	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-20	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-21	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-22	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-23	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-24	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-25	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-26	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-27	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-28	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-29	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-30	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-31	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-32	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-33	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-34	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-35	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-36	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-37	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-38	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-39	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-40	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-41	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
2-42	CAT C175-16	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG2-1	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG2-2	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03

Note: Per AP-42 Table 3.4.2, Total PM (Including condensibles) emission rate is 0.0697 lb/MMBtu. PM-10 and below (including condensibles is 0.0573 lb/MMBtu.

Note: Per AP-42 Table 3.4.1, SO2 emissions = 1.01S where S=sulfur content. Assuming 15ppm sulfur, this yields an emission rate of 1.52E-03 lb/MMBtu.

Gen Number	Annual Operating Hours	PM Emissions (Including condensables)		PM-10 Emissions (Including condensables)		PM-2.5 Emissions (Including condensables)		SO2 Emissions	
		(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
					BUILDING 1				
1-1	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001

1-2	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-3	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-4	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-5	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-6	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-7	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-8	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-9	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-10	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-11	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-12	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-13	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-14	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-15	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-16	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-17	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-18	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-19	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-20	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-21	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-22	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-23	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
1-24	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
HG1-1	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
HG1-2	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
Fire 1	30	0.34	0.01	0.28	0.00	0.28	0.00	0.01	0.000
TOTAL Bldg 1		49.44	1.10	40.64	0.91	40.64	0.91	1.08	0.024

Gen Number	Annual Operating Hours	PM Emissions (Including condensables)		PM-10 Emissions (Including condensables)		PM-2.5 Emissions (Including condensables)		SO2 Emissions	
		(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
BUILDING 2									
2-1	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-2	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-3	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-4	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-5	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-6	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-7	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-8	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-9	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-10	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-11	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-12	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-13	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-14	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-15	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-16	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-17	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-18	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-19	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-20	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-21	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-22	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-23	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-24	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-25	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-26	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-27	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-28	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-29	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-30	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-31	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-32	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-33	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-34	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-35	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-36	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001

2-37	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-38	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-39	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-40	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-41	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
2-42	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
HG2-1	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
HG2-2	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
TOTAL		85.12	1.91	69.98	1.57	69.98	1.57	1.86	0.042

TOTAL PHASE 1 EMISSIONS		NOx	CO	VOC	PM	SO2	NH3	HCHO
	Bldg 1	5.80	5.48	0.33	1.10	0.02	0.21	0
	Bldg 2	7.40	9.19	0.56	1.91	0.04	0.37	0
	TOTAL	13.20	14.66	0.90	3.01	0.07	0.58	0.00
	Turbines	61.75	37.02	3.63	27.00	9.44	56.13	4.46
	TOTAL	74.95	51.69	4.52	30.01	9.51	56.71	4.46

POINT ONE REMMINGTON FACILITY
AIR POLLUTANT EMISSIONS CALCULATIONS
SOLAR TURBINES AND BLACK START GENERATORS

Turbine Number	Turbine Model	Heat Input (MMBtu/hr)	Heat Rate (Btu/kWh)	Electric Output (kWe)	NOx Emissions (ppm)	NOx Emissions (lb/hr)	CO Emissions (ppm)	CO Emissions (lb/hr)	VOC Emissions (lb/MMBtu/hr)	VOC Emissions (lb/hr)	PM-PM10-PM2.5 Emissions (lb/MMBtu/hr)	PM-PM10-PM2.5 Emissions (lb/hr)	SO2 Emissions (lb/MMBtu/hr)	SO2 Emissions (lb/hr)	HCHO Emissions (lb/MMBtu/hr)	HCHO Emissions (lb/hr)	NH3 Emissions (ppm)	NH3 Emissions (lb/hr)
1		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
2		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
3		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
4		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
5		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
6		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
7		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
8		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
9		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
10		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
11		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
12		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
13		159.27	9645	16513	2	1.539	2	0.937	0.0006	0.092	0.0043	0.68	0.001504	0.24	0.00071	0.11	2.0	1.42
Generator		Engine Hp			(g/hp-hr)	(lb/hr)	(g/hp-hr)	(lb/hr)	(g/hp-hr)	(lb/hr)	(g/hp-hr)	(lb/hr)	(g/hp-hr)	(lb/hr)	(g/hp-hr)	(lb/hr)	(g/hp-hr)	(lb/hr)
BS-1		2,722			6.00	36.01	0.48	2.88	0.04	0.24	0.02	0.12	0.001	0.01	NA	NA	NA	NA
BS-2		2,722			6.00	36.01	0.48	2.88	0.04	0.24	0.02	0.12	0.001	0.01	NA	NA	NA	NA

Note PM emission rate from AP-42 with 50% DOC reduction of condensibles

Turbine Number	Annual Operating Hours	NOx Emissions (lb/hr)	NOx Emissions (tons/yr)	CO Emissions (lb/hr)	CO Emissions (tons/yr)	VOC Emissions (lb/hr)	VOC Emissions (tons/yr)	PM-PM10-PM2.5 Emissions (lb/hr)	PM-PM10-PM2.5 Emissions (tons/yr)	SO2 Emissions (lb/hr)	SO2 Emissions (tons/yr)	HCHO Emissions (lb/hr)	HCHO Emissions (tons/yr)	NH3 Emissions (lb/hr)	NH3 Emissions (tons/yr)
1	8,760	1.539	6.74	0.937	4.10	0.092	0.40	0.68	3.00	0.24	1.05	0.11	0.50	1.42	6.24
2	8,760	1.539	6.74	0.937	4.10	0.092	0.40	0.68	3.00	0.24	1.05	0.11	0.50	1.42	6.24
3	8,760	1.539	6.74	0.937	4.10	0.092	0.40	0.68	3.00	0.24	1.05	0.11	0.50	1.42	6.24
4	8,760	1.539	6.74	0.937	4.10	0.092	0.40	0.68	3.00	0.24	1.05	0.11	0.50	1.42	6.24
5	8,760	1.539	6.74	0.937	4.10	0.092	0.40	0.68	3.00	0.24	1.05	0.11	0.50	1.42	6.24
6	8,760	1.539	6.74	0.937	4.10	0.092	0.40	0.68	3.00	0.24	1.05	0.11	0.50	1.42	6.24
7	8,760	1.539	6.74	0.937	4.10	0.092	0.40	0.68	3.00	0.24	1.05	0.11	0.50	1.42	6.24
8	8,760	1.539	6.74	0.937	4.10	0.092	0.40	0.68	3.00	0.24	1.05	0.11	0.50	1.42	6.24
9	8,760	1.539	6.74	0.937	4.10	0.092	0.40	0.68	3.00	0.24	1.05	0.11	0.50	1.42	6.24
10	0	1.539	0.00	0.937	0.00	0.092	0.00	0.68	0.00	0.24	0.00	0.11	0.00	0.00	0.00
11	0	1.539	0.00	0.937	0.00	0.092	0.00	0.68	0.00	0.24	0.00	0.11	0.00	0	0
12	0	1.539	0.00	0.937	0.00	0.092	0.00	0.68	0.00	0.24	0.00	0.11	0.00	0	0
13	0	1.539	0.00	0.937	0.00	0.092	0.00	0.68	0.00	0.24	0.00	0.11	0.00	0	0
BS-1	30	36.01	0.54	2.88	0.04	0.24	0.004	0.12	0.002	0.01	0.0001	NA	NA	NA	#VALUE!
BS-2	30	36.01	0.54	2.88	0.04	0.24	0.004	0.12	0.002	0.01	0.0001	NA	NA	NA	#VALUE!
TOTAL			61.75		37.02		3.63		27.00		9.44		4.46		56.13
		Avg per gen	4.67		2.84		0.28		2.08		0.73		0.34		4.32

POINT ONE REMMINGTON FACILITY
AIR POLLUTANT EMISSIONS CALCULATIONS
PHASE 2

Gen Number	Engine Generator	Capacity	Capacity	Uncontrolled NO_x Emission Factor	Controlled NO_x Emission Factor	CO Emission Factor	VOC Emission Factor	NH3 Emission Factor
		kW	hp	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr
BUILDING 3								
3-1	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-2	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-3	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-4	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-5	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-6	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-7	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-8	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-9	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-10	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-11	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-12	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-13	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-14	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-15	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-16	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-17	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-18	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-19	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-20	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-21	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-22	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-23	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-24	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-25	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-26	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-27	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
3-28	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
HG3-1	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.00
HG3-2	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.00

Gen Number	Engine Generator	Capacity	Capacity	Uncontrolled NO_x Emission Factor	Controlled NO_x Emission Factor	CO Emission Factor	VOC Emission Factor	NH3 Emission Factor
		kW	hp	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr
BUILDING 4								
4-1	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-2	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-3	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-4	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-5	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-6	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-7	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-8	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-9	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-10	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-11	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-12	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-13	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-14	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-15	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-16	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-17	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-18	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-19	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-20	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-21	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-22	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-23	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-24	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-25	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-26	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-27	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
4-28	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
HG4-1	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.00
HG4-2	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.00

Gen Number	Engine Generator	Capacity	Capacity	Uncontrolled NO_x Emission Factor	Controlled NO_x Emission Factor	CO Emission Factor	VOC Emission Factor	NH3 Emission Factor
		kW	hp	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr
BUILDING 5								
5-1	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-2	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-3	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-4	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-5	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-6	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-7	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-8	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-9	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-10	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-11	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-12	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-13	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-14	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-15	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-16	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-17	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-18	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-19	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-20	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-21	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04

5-22	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-23	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-24	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-25	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-26	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-27	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
5-28	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
HG5-1	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.00
HG5-2	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.00

Gen Number	Engine Generator	Capacity	Capacity	Uncontrolled NO_x Emission Factor	Controlled NO_x Emission Factor	CO Emission Factor	VOC Emission Factor	NH3 Emission Factor
		kW	hp	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr
BUILDING 6								
6-1	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-2	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-3	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-4	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-5	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-6	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-7	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-8	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-9	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-10	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-11	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-12	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-13	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-14	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-15	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-16	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-17	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-18	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-19	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-20	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-21	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-22	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-23	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-24	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-25	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-26	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-27	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
6-28	CAT 3516E	3,000	4,393	6.15	0.62	0.99	0.06	0.04
HG6-1	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.00
HG6-2	CAT C27	800	1,214	6.11	6.11	0.44	0.05	0.00

Gen	Annual Operating	Fuel Consuimption	NOx Emissions		Carbon Monoxide Emissions		VOC Emissions		NH3 Emissions	
Number	Hours	(gallons)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
BULDING 3										
3-1	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-2	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-3	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-4	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-5	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-6	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-7	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-8	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-9	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-10	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-11	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-12	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-13	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-14	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-15	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-16	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-17	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-18	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-19	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-20	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-21	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-22	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-23	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-24	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-25	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-26	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-27	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
3-28	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
HG3-1	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
HG3-2	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
Total Blog 3		266,676	285.12	5.53	276.99	6.17	17.24	0.38	10.85	0.24

Gen	Annual Operating	Fuel Consuimption	NOx Emissions		Carbon Monoxide Emissions		VOC Emissions		NH3 Emissions	
Number	Hours	(gallons)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
BUILDING 4										
4-1	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-2	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-3	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-4	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-5	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-6	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-7	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-8	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-9	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-10	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-11	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-12	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-13	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-14	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-15	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-16	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-17	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01

4-18	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-19	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-20	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-21	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-22	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-23	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-24	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-25	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-26	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-27	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
4-28	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
HG4-1	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
HG4-2	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
TOTAL		266,676	285.12	5.53	276.99	6.17	17.24	0.38	10.85	0.24

Gen Number	Annual Operating Hours	Fuel Consuimption (gallons)	NOx Emissions (lb/hr)	NOx Emissions (Tons/Year)	Carbon Monoxide Emissions (lb/hr)	Carbon Monoxide Emissions (Tons/Year)	VOC Emissions (lb/hr)	VOC Emissions (Tons/Year)	NH3 Emissions (lb/hr)	NH3 Emissions (Tons/Year)
BULDING 5										
5-1	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-2	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-3	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-4	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-5	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-6	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-7	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-8	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-9	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-10	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-11	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-12	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-13	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-14	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-15	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-16	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-17	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-18	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-19	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-20	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-21	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-22	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-23	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-24	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-25	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-26	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-27	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
5-28	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
HG5-1	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
HG5-2	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
Total Bldg 5		266,676	285.12	5.53	276.99	6.17	17.24	0.38	10.85	0.24

Gen Number	Annual Operating Hours	Fuel Consuimption (gallons)	NOx Emissions (lb/hr)	NOx Emissions (Tons/Year)	Carbon Monoxide Emissions (lb/hr)	Carbon Monoxide Emissions (Tons/Year)	VOC Emissions (lb/hr)	VOC Emissions (Tons/Year)	NH3 Emissions (lb/hr)	NH3 Emissions (Tons/Year)
BULDING 6										
6-1	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-2	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-3	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-4	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-5	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-6	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-7	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-8	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-9	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-10	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-11	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-12	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-13	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-14	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-15	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-16	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-17	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-18	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-19	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-20	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-21	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-22	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-23	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-24	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-25	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-26	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-27	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
6-28	45	9,405	5.96	0.13	9.59	0.22	0.58	0.01	0.39	0.01
HG6-1	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
HG6-2	30	1,668	59.17	0.89	4.26	0.06	0.48	0.01	0.00	0.00
Total Bldg 6		266,676	285.12	5.53	276.99	6.17	17.24	0.38	10.85	0.24

Gen Number	Engine Generator	Capacity (kW)	Capacity (mmBtu/hr)	PM Emission Factor (Including condensables) lb/MMBtu	PM-10 Emission Factor (Including condensables) lb/MMBtu	PM-2.5 Emission Factor (Including condensables) lb/MMBtu	SO2 Emission Factor lb/MMBtu
BUILDING 3							
3-1	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-2	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-3	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-4	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-5	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-6	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-7	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-8	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-9	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-10	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-11	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03

3-12	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-13	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-14	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-15	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-16	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-17	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-18	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-19	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-20	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-21	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-22	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-23	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-24	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-25	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-26	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-27	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
3-28	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG3-1	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG3-2	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03

Note: Per AP-42 Table 3.4.2, Total PM (Including condensibles) emission rate is 0.0697 lb/MMBtu. PM-10 and below (including condensibles is 0.0573 lb/MMBtu.
Note: Per AP-42 Table 3.4.1, SO2 emissions = 1.01S where S=sulfur content. Assuming 15ppm sulfur, this yields an emission rate of 1.52E-03 lb/MMBtu.

Gen Number	Engine Generator	Capacity	Capacity	PM Emission Factor (Including condensables)	PM-10 Emission Factor (Including condensables)	PM-2.5 Emission Factor (Including condensables)	SO2 Emission Factor
		kW	mmBtu/hr	lb/MMBtu	lb/MMBtu	lb/MMBtu	lb/MMBtu
BUILDING 4							
4-1	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-2	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-3	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-4	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-5	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-6	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-7	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-8	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-9	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-10	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-11	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-12	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-13	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-14	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-15	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-16	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-17	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-18	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-19	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-20	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-21	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-22	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-23	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-24	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-25	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-26	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-27	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
4-28	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG4-1	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG4-2	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03

Note: Per AP-42 Table 3.4.2, Total PM (Including condensibles) emission rate is 0.0697 lb/MMBtu. PM-10 and below (including condensibles is 0.0573 lb/MMBtu.
Note: Per AP-42 Table 3.4.1, SO2 emissions = 1.01S where S=sulfur content. Assuming 15ppm sulfur, this yields an emission rate of 1.52E-03 lb/MMBtu.

Gen Number	Engine Generator	Capacity	Capacity	PM Emission Factor (Including condensables)	PM-10 Emission Factor (Including condensables)	PM-2.5 Emission Factor (Including condensables)	SO2 Emission Factor
		kW	mmBtu/hr	lb/MMBtu	lb/MMBtu	lb/MMBtu	lb/MMBtu
BUILDING 5							
5-1	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-2	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-3	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-4	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-5	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-6	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-7	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-8	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-9	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-10	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-11	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-12	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-13	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-14	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-15	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-16	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-17	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-18	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-19	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-20	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-21	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-22	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-23	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-24	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-25	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-26	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-27	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
5-28	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG5-1	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG5-2	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03

Note: Per AP-42 Table 3.4.2, Total PM (Including condensibles) emission rate is 0.0697 lb/MMBtu. PM-10 and below (including condensibles is 0.0573 lb/MMBtu.
Note: Per AP-42 Table 3.4.1, SO2 emissions = 1.01S where S=sulfur content. Assuming 15ppm sulfur, this yields an emission rate of 1.52E-03 lb/MMBtu.

Gen Number	Engine Generator	Capacity	Capacity	PM Emission Factor (Including condensables)	PM-10 Emission Factor (Including condensables)	PM-2.5 Emission Factor (Including condensables)	SO2 Emission Factor
		kW	mmBtu/hr	lb/MMBtu	lb/MMBtu	lb/MMBtu	lb/MMBtu
BUILDING 6							
6-1	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-2	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-3	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-4	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-5	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-6	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-7	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-8	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-9	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-10	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-11	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-12	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-13	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-14	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-15	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-16	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-17	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-18	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-19	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-20	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-21	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-22	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-23	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-24	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-25	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-26	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-27	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
6-28	CAT 3516E	3,250	28.71	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG6-1	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03
HG6-2	CAT C27	800	7.64	6.97E-02	5.73E-02	5.73E-02	1.52E-03

Note: Per AP-42 Table 3.4.2, Total PM (Including condensibles) emission rate is 0.0697 lb/MMBtu. PM-10 and below (including condensibles is 0.0573 lb/MMBtu.

Note: Per AP-42 Table 3.4.1, SO2 emissions = 1.01S where S=sulfur content. Assuming 15ppm sulfur, this yields an emission rate of 1.52E-03 lb/MMBtu.

Gen Number	Annual Operating Hours	PM Emissions (Including condensables)		PM-10 Emissions (Including condensables)		PM-2.5 Emissions (Including condensables)		SO2 Emissions	
		(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
BUILDING 3									
3-1	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-2	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-3	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-4	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-5	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-6	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-7	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-8	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-9	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-10	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-11	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-12	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-13	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-14	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-15	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-16	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-17	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-18	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-19	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-20	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-21	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-22	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-23	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-24	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-25	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-26	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-27	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
3-28	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
HG3-1	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
HG3-2	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
TOTAL Bldg 3		57.10	1.28	46.94	1.05	46.94	1.05	1.25	0.028

Gen Number	Annual Operating Hours	PM Emissions (Including condensables)		PM-10 Emissions (Including condensables)		PM-2.5 Emissions (Including condensables)		SO2 Emissions	
		(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
BUILDING 4									
4-1	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-2	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-3	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-4	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-5	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-6	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-7	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-8	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-9	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-10	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-11	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-12	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-13	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-14	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-15	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-16	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-17	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-18	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-19	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-20	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-21	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-22	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-23	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-24	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001

4-25	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-26	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-27	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
4-28	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
HG4-1	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
HG4-2	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
TOTAL		57.10	1.28	46.94	1.05	46.94	1.05	1.25	0.028

Gen Number	Annual Operating Hours	PM Emissions (Including condensables)		PM-10 Emissions (Including condensables)		PM-2.5 Emissions (Including condensables)		SO2 Emissions	
		(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
BUILDING 5									
5-1	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-2	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-3	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-4	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-5	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-6	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-7	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-8	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-9	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-10	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-11	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-12	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-13	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-14	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-15	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-16	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-17	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-18	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-19	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-20	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-21	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-22	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-23	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-24	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-25	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-26	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-27	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
5-28	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
HG5-1	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
HG5-2	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
TOTAL Bldg 5		57.10	1.28	46.94	1.05	46.94	1.05	1.25	0.028

Gen Number	Annual Operating Hours	PM Emissions (Including condensables)		PM-10 Emissions (Including condensables)		PM-2.5 Emissions (Including condensables)		SO2 Emissions	
		(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)	(lb/hr)	(Tons/Year)
BUILDING 6									
6-1	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-2	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-3	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-4	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-5	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-6	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-7	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-8	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-9	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-10	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-11	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-12	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-13	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-14	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-15	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-16	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-17	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-18	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-19	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-20	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-21	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-22	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-23	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-24	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-25	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-26	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-27	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
6-28	45	2.00	0.05	1.65	0.04	1.65	0.04	0.04	0.001
HG6-1	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
HG6-2	30	0.53	0.01	0.44	0.01	0.44	0.01	0.01	0.000
TOTAL Bldg 6		57.10	1.28	46.94	1.05	46.94	1.05	1.25	0.028

	NOx	CO	VOC	PM	SO2	NH3	HCHO
Bldg 3	5.53	6.17	0.38	1.28	0.03	0.24	0
Bldg 4	5.53	6.17	0.38	1.28	0.03	0.24	0
Bldg 5	5.53	6.17	0.38	1.28	0.03	0.24	0
Bldg 6	5.53	6.17	0.38	1.28	0.03	0.24	0
TOTAL	22.11	24.67	1.52	5.11	0.11	0.98	0.00

POINT ONE REMMINGTON FACILITY
AIR POLLUTANT EMISSIONS CALCULATIONS
FULL BUILDOUT

	NOx (Tons/yesr)	CO (Tons/Year)	VOC (Tons/Year)	PM (Tons/Year)	SO2 (Tons/yesr)	HCHO (Tons/yesr)	NH3 (Tons/yesr)
Building 1	5.80	5.48	0.33	1.10	0.02	0.00	0.21
Building 2	7.40	9.19	0.56	1.91	0.04	0.00	0.37
Generator Total	13.20	14.66	0.90	3.01	0.07	0.00	0.58
Turbines	61.75	37.02	3.63	27.00	9.44	4.46	56.13
PHASE 1 TOTAL	74.95	51.69	4.52	30.01	9.51	4.46	56.71

	NOx (Tons/yesr)	CO (Tons/Year)	VOC (Tons/Year)	PM (Tons/Year)	SO2 (Tons/yesr)	HCHO (Tons/yesr)	NH3 (Tons/yesr)
Building 3	5.53	6.17	0.38	1.28	0.03	0.00	0.24
Building 4	5.53	6.17	0.38	1.28	0.03	0.00	0.24
Building 5	5.53	6.17	0.38	1.28	0.03	0.00	0.24
Building 6	5.53	6.17	0.38	1.28	0.03	0.00	0.24
PHASE 2 TOTAL	22.11	24.67	1.52	5.11	0.11	0.00	0.98

Total Facility With Full Time Turbines	97.06	76.36	6.05	35.11	9.62	4.46	57.69

Pointone Remington Diesel Consumption			
	Gal/hr	Hours/year	Gallosn/year
TP1	0	0	0
TP2	0	0	0
TP3	0	0	0
TP4	0	0	0
TP5	0	0	0
TP6	0	0	0
TP7	0	0	0
TP8	0	0	0
TP9	0	0	0
TP10	0	0	0
TP11	0	0	0
TP12	0	0	0
TP13	0	0	0
BS1	126.4	30	3792
BS2	126.4	30	3792
B1G1	209	45	9405
B1G2	209	45	9405
B1G3	209	45	9405
B1G4	209	45	9405
B1G5	209	45	9405
B1G6	209	45	9405
B1G7	209	45	9405
B1G8	209	45	9405
B1G9	209	45	9405
B1G10	209	45	9405
B1G11	209	45	9405
B1G12	209	45	9405
B1G13	209	45	9405
B1G14	209	45	9405
B1G15	209	45	9405
B1G16	209	45	9405
B1G17	209	45	9405
B1G18	209	45	9405
B1G19	209	45	9405
B1G20	209	45	9405
B1G21	209	45	9405
B1G22	209	45	9405
B1G23	209	45	9405
B1G24	209	45	9405
B1Fire	35.7	30	1071

B1H1	55.6	30	1668
B1H2	55.6	30	1668
B2G1	209	45	9405
B2G2	209	45	9405
B2G3	209	45	9405
B2G4	209	45	9405
B2G5	209	45	9405
B2G6	209	45	9405
B2G7	209	45	9405
B2G8	209	45	9405
B2G9	209	45	9405
B2G10	209	45	9405
B2G11	209	45	9405
B2G12	209	45	9405
B2G13	209	45	9405
B2G14	209	45	9405
B2G15	209	45	9405
B2G16	209	45	9405
B2G17	209	45	9405
B2G18	209	45	9405
B2G19	209	45	9405
B2G20	209	45	9405
B2G21	209	45	9405
B2G22	209	45	9405
B2G23	209	45	9405
B2G24	209	45	9405
B2G25	209	45	9405
B2G26	209	45	9405
B2G27	209	45	9405
B2G28	209	45	9405
B2G29	209	45	9405
B2G30	209	45	9405
B2G31	209	45	9405
B2G32	209	45	9405
B2G33	209	45	9405
B2G34	209	45	9405
B2G35	209	45	9405
B2G36	209	45	9405
B2G37	209	45	9405
B2G38	209	45	9405
B2G39	209	45	9405
B2G40	209	45	9405

B2G41	209	45	9405
B2G42	209	45	9405
B2H1	55.6	30	1668
B2H2	55.6	30	1668
B3G1	209	45	9405
B3G2	209	45	9405
B3G3	209	45	9405
B3G4	209	45	9405
B3G5	209	45	9405
B3G6	209	45	9405
B3G7	209	45	9405
B3G8	209	45	9405
B3G9	209	45	9405
B3G10	209	45	9405
B3G11	209	45	9405
B3G12	209	45	9405
B3G13	209	45	9405
B3G14	209	45	9405
B3G15	209	45	9405
B3G16	209	45	9405
B3G17	209	45	9405
B3G18	209	45	9405
B3G19	209	45	9405
B3G20	209	45	9405
B3G21	209	45	9405
B3G22	209	45	9405
B3G23	209	45	9405
B3G24	209	45	9405
B3G25	209	45	9405
B3G26	209	45	9405
B3G27	209	45	9405
B3G28	209	45	9405
B3H1	55.6	30	1668
B3H2	55.6	30	1668
B4G1	209	45	9405
B4G2	209	45	9405
B4G3	209	45	9405
B4G4	209	45	9405
B4G5	209	45	9405
B4G6	209	45	9405
B4G7	209	45	9405
B4G8	209	45	9405

B4G9	209	45	9405
B4G10	209	45	9405
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B4G13	209	45	9405
B4G14	209	45	9405
B4G15	209	45	9405
B4G16	209	45	9405
B4G17	209	45	9405
B4G18	209	45	9405
B4G19	209	45	9405
B4G20	209	45	9405
B4G21	209	45	9405
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B4G23	209	45	9405
B4G24	209	45	9405
B4G25	209	45	9405
B4G26	209	45	9405
B4G27	209	45	9405
B4G28	209	45	9405
B4H1	55.6	30	1668
B4H2	55.6	30	1668
B5G1	209	45	9405
B5G2	209	45	9405
B5G3	209	45	9405
B5G4	209	45	9405
B5G5	209	45	9405
B5G6	209	45	9405
B5G7	209	45	9405
B5G8	209	45	9405
B5G9	209	45	9405
B5G10	209	45	9405
B5G11	209	45	9405
B5G12	209	45	9405
B5G13	209	45	9405
B5G14	209	45	9405
B5G15	209	45	9405
B5G16	209	45	9405
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B5G18	209	45	9405
B5G19	209	45	9405
B5G20	209	45	9405

B5G21	209	45	9405
B5G22	209	45	9405
B5G23	209	45	9405
B5G24	209	45	9405
B5G25	209	45	9405
B5G26	209	45	9405
B5G27	209	45	9405
B5G28	209	45	9405
B5H1	55.6	30	1668
B5H2	55.6	30	1668
B6G1	209	45	9405
B6G2	209	45	9405
B6G3	209	45	9405
B6G4	209	45	9405
B6G5	209	45	9405
B6G6	209	45	9405
B6G7	209	45	9405
B6G8	209	45	9405
B6G9	209	45	9405
B6G10	209	45	9405
B6G11	209	45	9405
B6G12	209	45	9405
B6G13	209	45	9405
B6G14	209	45	9405
B6G15	209	45	9405
B6G16	209	45	9405
B6G17	209	45	9405
B6G18	209	45	9405
B6G19	209	45	9405
B6G20	209	45	9405
B6G21	209	45	9405
B6G22	209	45	9405
B6G23	209	45	9405
B6G24	209	45	9405
B6G25	209	45	9405
B6G26	209	45	9405
B6G27	209	45	9405
B6G28	209	45	9405
B6H1	55.6	30	1668
B5H2	55.6	30	1668

Black Start Generators:	7,584
Building 1 - 24 Generators:	225,720
Building 1 Fire Generator:	1,071
Building 1 House Generators:	3,336
Building 2 - 42 Generators:	395,010
Building 2 House Generators:	3,336
Building 3 - 28 Generators	263,340
Building 3 House Generators:	3,336
Building 4 - 28 Generators	263,340
Building 4 House Generators:	3,336
Building 5 - 28 Generators	263,340
Building 5 House Generators:	3,336
Building 6 - 28 Generators	263,340
Building 6 House Generators:	3,336
TOTAL	1,702,761

SECTION 4

LOCATION MAPS


Remington Technology Park
General Site Location
Legend
656
655
782
Old Grasselaie Rd
Lucky Hill Rd
Google Earth
© 2018 Google
N
1000 ft


REMINGTON ROAD - ROUTE 656
NORFOLK SOUTHERN RAILROAD
BLDG 6
BLDG 5
EX BLDG 1
BLDG 2
BLDG 3
BLDG 4
HELM SUBSTATION
TURBINE MECH. EQUIP YARD
PROPOSED SUBSTATION
LUCKY HILL ROAD - ROUTE 655

SECTION 5

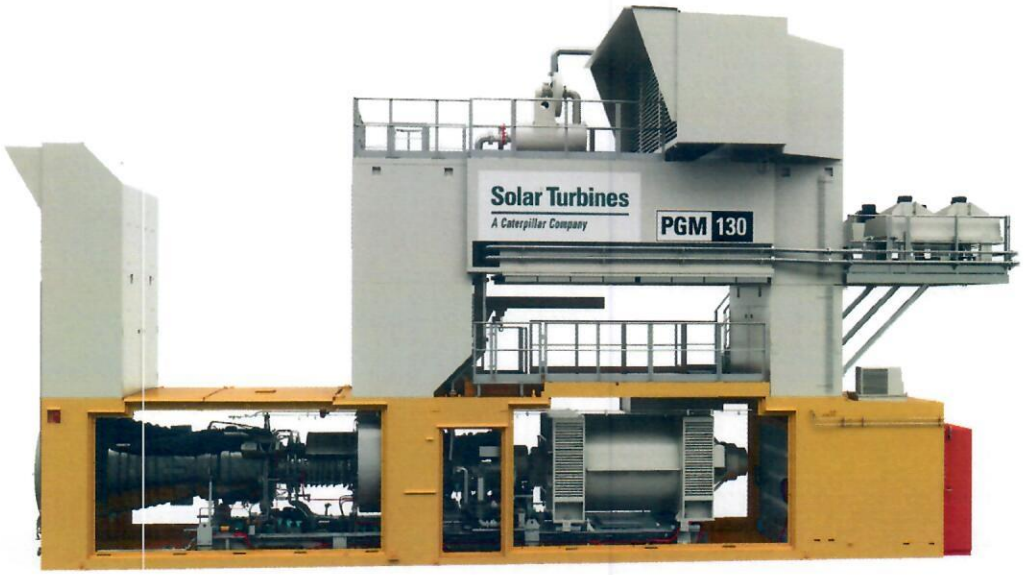
GAS TURBINE AND SCR INFORMATION

Solar Turbines
A Caterpillar Company

PGM130 – POWERED BY TITAN™ 130

Power Generation Module

Powering the Future Through Sustainable, Innovative Energy Solutions



TURBINE DESIGN FEATURES

The Titan™ 130 is a lightweight industrial gas turbine designed for high efficiency over its entire operating range. The turbine is built for the future with SoLoNOx™, the latest combustion and low emissions technology, fast starting capaiblities and a modular design for maintainability. Its industrial design provides high reliability and durability with low lifecycle costs.

DIGITAL INTEGRATION

InSight Platform™, Solar's proprietary digital technology foundation, is integrated throughout this product and ready to connect in the field. InSight Platform provides an entire ecosystem of tools and capabilities that provide real-time diagnostics and analytics to Solar's Customer Service network, and performance metrics to the equipment owners and operators.

PACKAGE DESIGN FEATURES

The power generation module (PGM) package consists of preassembled modules which are fully tested prior to leaving the factory. The PGM greatly reduces installation cost and commissioning time. All components are of standard design for high efficiency, flexible operation and ease of maintenance. Solar can provide scope to include only the turbine generator set or the entire power island.

CUSTOMER SERVICES

Solar's worldwide service organization is dedicated to your success. Our culture of customer care is the foundation of our commitment to the highest quality customer experience. With more than 60 service locations around the world, we are committed to ensuring reliable, efficient performance that precisely fits your requirements.

Solar Turbines
A Caterpillar Company

PGM130 – POWERED BY TITAN 130
Power Generation Module

Powering the Future Through Sustainable, Innovative Energy Solutions

Performance

Output Power	16 530 kWe
Heat Rate	10 160 kJ/kWe-hr (9630 Btu/kWe-hr)
Exhaust Flow	199 270 kg/hr (439,310 lb/hr)
Exhaust Temp.	490°C (910°F)

Nominal rating – per ISO at 15°C (59°F), sea level, relative humidity 60%

No inlet/exhaust losses, no accessory losses

Natural gas fuel with LHV = 35 MJ/Nm³ (940 Btu/scf)

Engine efficiency: 35.4% (measured at generator terminals)

Capable of 20% H2 fuel content

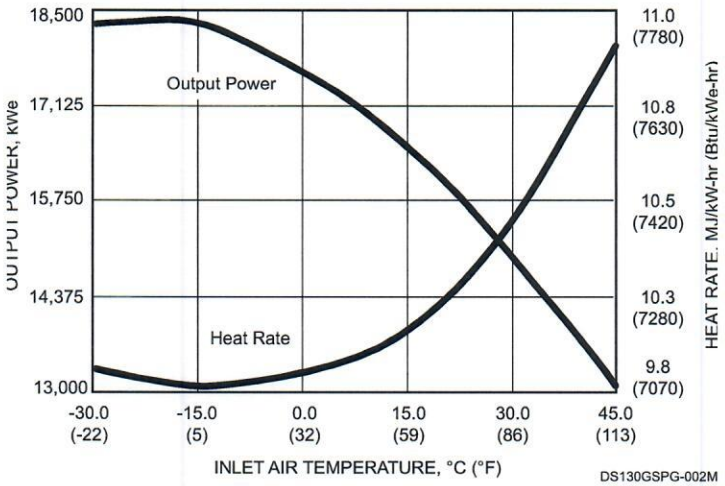
Emissions capability: 15 ppm NOx

Operating ambient conditions: -20°C to 40°C

Steam production (saturated, unfired): 155 tons/hr

Ratings above are typical new equipment ratings. Please contact Solar Turbines sales to obtain project specific data.

Available Power



Package Dimensions

Length: 17.6 m (57' 9")
Width: 3.1 m (10' 2")
Turbine Enclosure Height: 3.2 m (10' 6")
Minimum Height with Filter: 10.5 m (34' 5")
Package Weight, Approx: 125 400 kg (276,210 lb)

Weights and dimensions for compact filter configuration, dry weight



Solar Turbines Incorporated
P.O. Box 85376
San Diego, CA 92186-5376

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DSPGM130/0221/EO

FOR MORE INFORMATION

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ISO 9001
DNV
CERTIFICATED FIRM

SCR & CO CATALYST SYSTEMS

NOx & CO Reduction I Flow and Tempurature Management I Controls
Ammonia Injection I Silencing I Thermal Stress Analysis



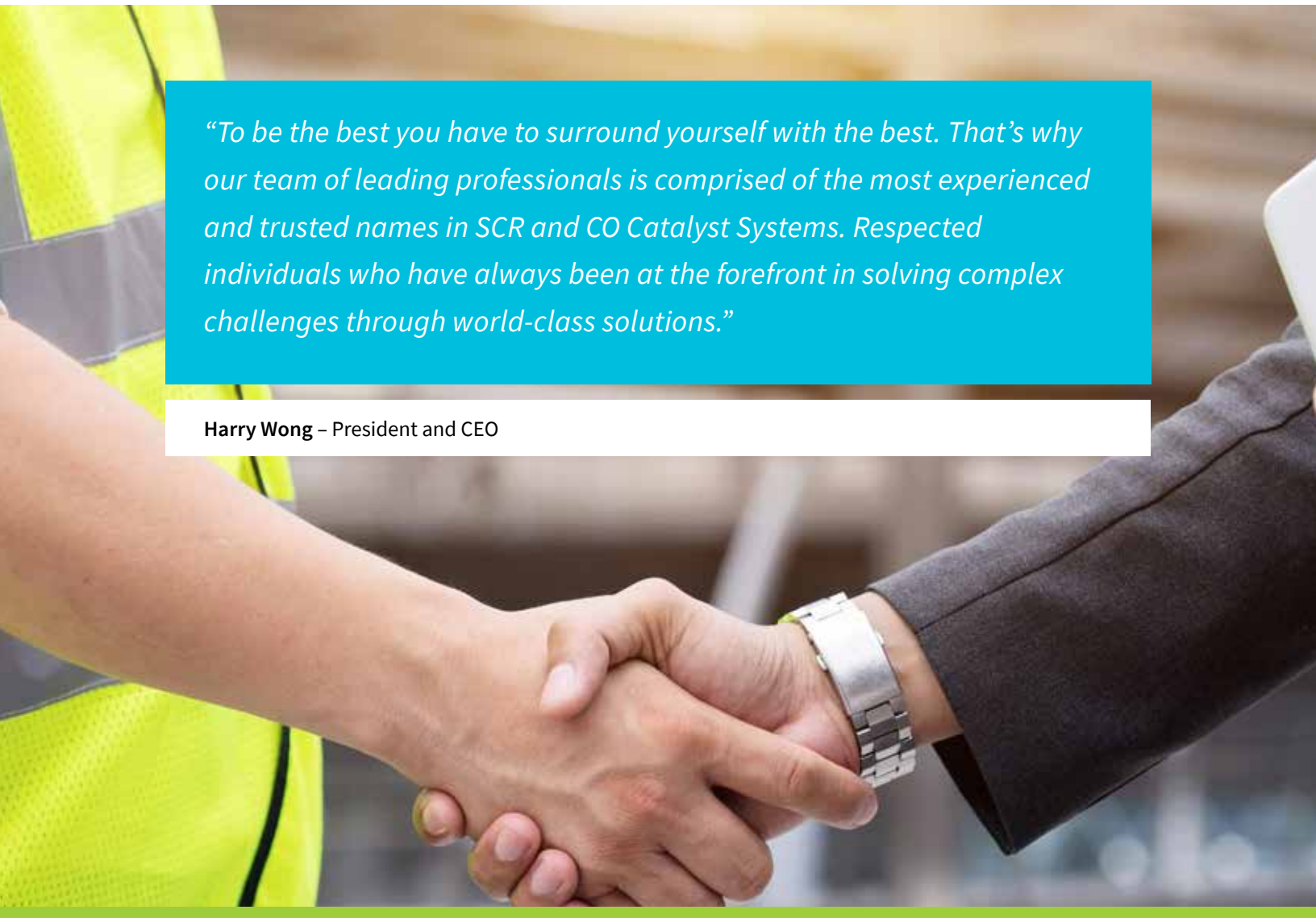
ENERGY LINK
INTERNATIONAL

CONNECTING YOU TO A BETTER WAY

YOUR TRUSTED PARTNER

Being a Partner of Choice is the foundation EnergyLink International has been built upon. For today's leading organizations, we are a preferred partner for SCR and CO Catalyst Systems because we put you first. We know our valued client's reputation is supported by our reputation. An earned reputation for delivering quality, performance and value. This is a trust that is never taken for granted and is why we continuously go above and beyond to deliver more – providing a dependable and seamless experience that is synonymous with the EnergyLink International name. Our demonstrated areas of expertise include:

- Catalyst Oxidation Systems for Carbon Monoxide (CO) Removal
- SCR Catalyst Systems for Nitrogen Oxide (NOx) Removal
- Performance to your exact specifications
- Improved system efficiencies
- Compact system footprints
- Greater air pollution control
- Acoustic designs to the most difficult criteria



"To be the best you have to surround yourself with the best. That's why our team of leading professionals is comprised of the most experienced and trusted names in SCR and CO Catalyst Systems. Respected individuals who have always been at the forefront in solving complex challenges through world-class solutions."

Harry Wong – President and CEO

ADDING VALUE AT EVERY STAGE

When we say partner, we mean it. Not only are we committed to delivering the best solutions possible, we look at every aspect of the project to provide optimum value for our customers. Whether it is with greater efficiencies, uncompromised expertise, dependable hands-on experience or through strategic and insightful negotiations so we can pass on much lower costs, the value we deliver is broad and far reaching and will continue to push us to deliver even more. The following is a sample of the value-added solutions we can provide:

Selective Catalytic Reduction for NOx Reduction:

- Our Selective Catalytic Reduction (SCR) team is simply the best in the industry, providing proven performance and guaranteed compliance while meeting the strictest of emissions standards
- We can provide low cost SCR systems with OEM-level high quality manufacturing resulting in affordable ultra-high performance systems
- Experience in design, supply, installation and commissioning for fired heater, boiler and gas turbine/heat recovery steam generators (HRSG)
- Highly experienced technical managers are available to pre-commission, balance ammonia injection grids, and successfully commission and maintain SCR systems around the world.

MARKET EXPERTISE

Today's operations are facing added pressures to reduce emissions while remaining productive and efficient. For EnergyLink International, passion drives our environmental solutions to not only meet but exceed the most stringent local and international regulatory standards. Our team of leading professionals have designed, manufactured and installed the most advanced solutions in Catalyst Systems across a variety of industries around the world, including:

- Gas Turbine Power Plants
- Natural Gas Processing
- LNG Liquefaction
- Petrochemical
- Refineries

"Never settling, going further and delivering the most advanced solutions possible for SCR and CO Catalyst Systems is what continues to define EnergyLink International and makes us a leader throughout our ever-evolving industry segments."

Denise LeClaire – Senior Director, Business Development



A RESPECTED LEADER

At the core of EnergyLink International is a team of highly respected professionals in catalyst systems with a variety of disciplines. Recognized leaders who are at the forefront of our ever-changing industries and backed by a diverse portfolio of hands-on domestic and international experience. Further strengthening our team is their strong commitment to going further and achieving more for our valued clients.

As such, EnergyLink International prides itself on our in-house engineering capabilities supporting Catalyst technologies. Further complementing our well-known exhaust structural engineering prowess, EnergyLink International designs control systems, analyses flow by using state of the art CFD modeling, makes structural decisions by using elaborate finite element analysis, meets customer's noise criteria by using sophisticated acoustic design programs and creates our own electrical and mechanical designs.

The following showcases our combined team experience and demonstrated technical expertise in solving complex challenges with value-added solutions.

- Involvement with more than 175 SCR and CO Emissions Control Systems as well as over 1,168 Exhaust Systems
- Experience spans from small aero-derivatives to large frame sized machines and virtually all gas turbine configurations
- Leading experts in NOx CO Reduction, Flow and Temperature Management, Ammonia Systems, Controls, Silencing and Thermal Stress Analysis
- Achieving 96% NOx removal with 5 ppm ammonia slip and 100% regulatory compliance
- Advanced technologies and proven designs achieves 99% NOx removal

Gas Turbine Exhaust List of our Team's Combined Experience.

GT SIZE	#
ABB GT24/26	12
ABB GT10B2	1
GE LM2500	26
GE LM5000/6000	373
GE Frame 5	29
GE LMS100	48
GE Frame 6B	73
GE Frame 6FA	3
GE Frame 7EA	354
GE Frame 7FA	108
GE Frame 9EA	62
GE Frame 9FA	25
GT11/13	46
Pratt & Witney FT8-TP	2
Siemens V84.2	4
Siemens V84.3A	3
Siemens V94.2	11
Siemens V94.3A	8
Siemens 501F	20
Siemens 701F	11
Siemens SGT-A65 (Trent 60)	7
Siemens RB211	1
Solar Taurus60	2
Solar Mars100	2
Solar Mars130	1
Solar Titan250	7
Westinghouse 501AA	6



Emissions Control System List of our Team's Combined Experience

GT MAKE & MODEL	PLANT TYPE	#
GE Frame 7H	CCGT	2
GE Frame 7FA.04	SSGT	1
GE Frame 7FA	CCGT	19
GE Frame 7EA	CCGT	4
GE Frame 5	CCGT	3
GE LMS100	SSGT	6
GE LM6000	SSGT	79
GE LM6000	CCGT	3
GE LM6000PC	SSGT	16
GE LM6000PF	SSGT	5
GE LM6000R	SSGT	2
GE LM2500	CCGT	1
MHI 501G	CCGT	3
Westinghouse 501D	CCGT	3
Westinghouse 501F	CCGT	2
Solar Mars 100	SSGT	6
Solar Taurus 70	SSGT	1
Solar Taurus 60	CCGT	3
Solar Centaur 50	CCGT	2
Solar Titan 250	SSGT	12
Solar Titan 130	SSGT	2
Pratt & Whitney GT8	SSGT	4

GUARANTEED PERFORMANCE

At EnergyLink International we proudly stand behind everything we do. Period. That's why we offer an unparalleled guarantee on air emissions control solutions. Through our proven designs, extensive experience and advanced analysis, our team of leading experts will not only meet, but exceed, the most stringent air emission standards throughout the world.



"There are those who say it can be done and those who have the proven expertise and hands-on experience to actually do it."

Jeff Wirt – Director, Catalyst Systems



"Right from the start of every project, we know we are setting an example and through our detailed planning, collaborative approach and disciplined execution, we leave nothing to chance to ensure the highest standards possible."

Aaron Atherton – Project Manager

CATALYST SELECTION

Selection of the correct catalyst is critical to meeting performance guarantees, while optimizing the system design. At EnergyLink International, we are there right from the start. Through relationships with all key catalyst suppliers, an in-house team with proven catalyst system project experience and complete technical and operational knowledge of all critical selection variables, we can work with you to ensure the most advanced solutions tailored to your specific requirements.

In addition, EnergyLink International possesses the unique capability of performing all catalyst system design functions under one roof. This ability allows us to balance and optimize between pressure drop, acoustical performance and emissions requirements seamlessly, resulting in:

- Mitigated risk, due to single point responsibility
- Reduced cost and/or higher performance from design balancing
- Improved project execution

DESIGN EXPERTISE

As respected leaders, our team averages more than 100 years of direct design experience working with one of the largest and most diverse portfolio of gas turbine system applications. Through our investment in time and resources we are further able to engage in leading-edge design development activities that put us in the forefront of the catalyst market.

Some of these key design features, which are further complemented by our team's project experience, include:

- Unique ammonia injection grid design for more efficient exhaust gas/ammonia mixing
- Superior sealing of catalyst to frame and liners to prevent untreated exhaust gas by-pass
- Design confirmation through CFD and physical flow models
- Improved system efficiencies, resulting in more compact system foot-print, reduced cost and lower pressure drop
- Fast-start ammonia injection system development
- Critical low frequency or octave band noise attenuation
- Modular construction for easy shipment and site erection

All system elements are designed using our in-house engineers and state-of-the-art software, including:

- Finite element analysis
- Computational fluid dynamic analysis
- Acoustic design
- Structural / mechanical design



"It's all about the details. Ensuring everything is planned and designed for so that our solutions achieve optimal results."

Alan Monshaugen –
Manager, Design Drafting



"Having that proven history of working with a wide variety of applications and knowing all of the intricacies to produce superior products continues to set us apart."

Ken Thompson –
Director, Manufacturing

FLOW MANAGEMENT

EnergyLink International's extensive team experience in modeling, managing and distributing flows of hot gases is directly applicable to catalyst systems. In the current environment of high conversion efficiencies and low ammonia slip levels, proper flow distribution is absolutely essential to catalyst system performance. We model all NOx and CO catalyst systems to verify proper flow distribution through the catalyst, ensuring that specified reduction levels are met. Total system pressure drop is also a key design consideration which is controlled by proper design of the ductwork and silencing systems.

AMMONIA SYSTEMS

EnergyLink International has extensive experience with both aqueous and anhydrous ammonia systems and can supply either type to meet your plant needs. We can also supply urea-based systems if required. Our usual scope of supply includes ammonia/air dilution skid, ammonia piping and balancing header and Ammonia Injection Grid (AIG). The skids come completely shop fabricated, insulated and wired for fast and simple installation at the job site.

Design of the AIG is of vital importance to obtaining proper ammonia to NOx distribution. Proper ammonia to NOx distribution entering the SCR catalyst is the only way to assure that permitted outlet NOx and ammonia slip levels are achieved. This is even more important in today's regulatory environment as requirements are made more stringent.

CONTROLS SYSTEMS

All of EnergyLink International's simple cycle catalyst systems include a PLC-based control system. Most are configured to communicate with the gas turbine controls and the plant's continuous emission monitoring system. These control systems are completely wired, assembled and shop tested to assure easy installation and trouble-free startup. Our control engineers can configure a control system to meet any specific project requirements.



"Expectations are high, and they should be. That's why we continually invest our time and resources to ensure our customers receive even greater value-added solutions throughout every stage of the project."

Ron Brown – Manager, Procurement and Logistics

SILENCING AND THERMAL STRESS ANALYSIS

Noise attenuation is often critical to the design of catalyst systems since many sites are located in areas with stringent noise restrictions. EnergyLink International's in-house acoustic engineers have designed many systems to meet challenging low-noise criteria. Predicted acoustic performance is verified by field- testing. We also perform finite element analyses in designing silencer panel frames to withstand the thermal stresses of simple cycle peaking applications. These measures assure our customers that the systems we supply will meet their acoustical requirements continuously and reliably.

SUPERIOR QUALITY CONTROL

From concept to design and manufacturing, quality is priority one. Through our expansive network, we successfully manage local, national and international sub-vendor fabrication facilities to provide real value by ensuring lower cost fabrication that meets and exceeds even the most stringent OEM requirements by:

- Providing extensive fabrication process and technical training
- Local sourcing of materials
- Establishment of a critical features list and inspection hold points
- Extensive QC documentation

We are uncompromising when it comes to the installation and thorough testing of our equipment. Our air emissions equipment has never failed and continues to perform beyond the life expectancies of competitive systems.

Add-On Products:

- Filter Houses
- Inlet Air Cooling Systems
- Anti-Icing Systems
- Inlet Silencers
- Exhaust Diffusers
- Expansion Joints
- Diverter Dampers
- Exhaust Silencers
- Exhaust Stacks

Additional Services:

- Noise Control
- Air Emissions Testing and Monitoring
- Performance Enhancements
- Troubleshooting
- Retrofit Services



"A well thought out and controlled execution ensures a safe and productive environment that produces greater efficiencies and overall value that can be passed on to our clients."

Mike Waugh – Construction Manager

DEMONSTRATED EXPERTISE

EnergyLink International's team is a recognized leader with gas turbine technologies. The following is a comprehensive list of the extensive experience our members have with different types of gas turbines.

SIEMENS

- SGT5-9000HL
- SGT5-8000HL
- SGT5-8000H
- SGT6-9000HL
- SGT6-6000G (W501G)
- SGT5-4000F (V94.3A)
- SGT6-4000F (V84.3A)
- SGT6-8000H
- SGT6-5000F (W501F)
- SGT6-3000E (501D5A)
- SGT5-2000E (V94.2)
- SGT6-2000E (V84.2)
- SGT-900 (W251)
- SGT-800
- SGT-750
- SGT-700
- SGT-500 (ABB GT-35)
- SGT-600 (Alstom GT-10)
- SGT-400 (Cyclone)
- SGT-300 (Tempest)
- SGT-200 (Tornado)
- SGT-100 (Typhoon)
- KG2
- SGT-A65 (Industrial Trent 60)
- SGT-A45
- SGT-A35 (Industrial RB211)
- SGT-A05 (Industrial 501-K)
- DR50G
- DR61
- DR990
- RLM1600
- Avon (Coberra)
- SGT 1000 F
- SGT 3000 F
- V64.3A
- V84.2
- V84.3
- V84.3A
- V94.2
- V94.3A

GENERAL ELECTRIC

- Frame 9HA.01 / 9HA.02
- Frame 7HA.01 / 7HA.02 / 7HA.03
- Frame 9F.05
- Frame 9F.03 / 9F.04
- Frame 7F.05
- Frame 7F.04
- Frame 9E.03 / 9E.04
- Frame 7E.03
- GT13E2
- Frame 6F.03
- Frame 6F.01
- Frame 6B.03
- Frame 5
- GT 11N1
- GT 11 N2
- GT 13E2
- GT 24
- GT 26
- GT 40
- LMS 100
- LM 1500
- LM 1600
- LM 2500
- LM 6000
- 11 N2
- 13 E2
- ABB 11 N
- ABB 11D2
- ABB 11 N2
- ABB 13 D
- ABB 13 E1
- ABB 13 E2
- ABB GT 24
- Alstrom GT 11N2
- Alstrom GT 13E2
- Alstrom GT26
- Alstrom GT 8
- Alstrom GT13E2
- Alstrom GT26B
- F9FA
- Nuovo Pignone PGT 25
- Nuovo Pignone PGT 16
- Nuovo Pignone PGT 10
- TCPL LM 500
- Trent 60

GM – ALLISON GAS TURBINE OPERATIONS

- Allison 501

ORENDA

- OT 3
- OT F 390

CENTRAX

- 4 MW

DRESSER RAND

- DR 61
- DR 990

HITACHI

- 6541
- H25

MITSUBISHI HITACHI POWER SYSTEMS

- M 501 F
- M 701F4
- M 701 F5
- M 701 F
- M 501 J

PRATT AND WHITNEY

- FT 4C– 1 DLF
- FT 8

ROLLS ROYCE

- 501K
- 501 KB5
- 501 KB7
- 501 KC5
- 501 KC7
- Avon
- Coberra 2000
- RB211
- Trent

SOLAR TURBINES

- Titan 250
- Titan 130
- Mars 100
- Mars 90
- Taurus 70
- Taurus 60
- Centaur 50
- Centaur 40
- Saturn 20
- Mars 100 S
- Mars T14000

WESTINGHOUSE

- 251
- 251 B
- 251 B12
- 252B
- 501 A
- 501 D
- 501 D5
- 501 D5A
- 501 DA
- 501 F
- 501 FD
- 501FD2
- 501FD3
- 501G
- 701D
- 701F
- W25
- Trent Enconopac



CONNECTING YOU TO A BETTER WAY

EnergyLink International is a leading supplier of specialized and balanced solutions for air and noise emissions control, building design and construction, acoustic control engineering services, mitigation and gas turbine auxiliary systems. Backed by more than 25 years of ingenuity and a strong commitment to customer excellence we have an unwavering focus for developing leading-edge technologies, environmental advancements, superior construction and quality manufacturing through our team of dedicated professionals who ensure our customers are well positioned for both today and the future.

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Titan 130

Case		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Load	%	0.50	0.60	0.70	0.80	0.90	FULL	0.50	0.60	0.70	0.80	0.90	FULL	0.50	0.60	0.70	0.80	0.90	FULL	0.50	0.60	0.70	0.80	0.90	FULL	0.50	0.60	0.70	0.80	0.90	FULL	0.50	0.60	0.70	0.80	0.90	FULL
Ambient Temperature	°F	4	4	4	4	4	4	20	20	20	20	20	20	40	40	40	40	40	40	59	59	59	59	59	59	80	80	80	80	80	80	104	104	104	104	104	104
Relative Humidity	%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Duct Pressure	psia	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53
Stack Exhaust Flow, wet	SCFH	4,850,575	5,186,852	5,460,391	5,890,475	6,565,160	6,725,513	4,826,984	5,153,002	5,419,025	5,813,087	6,484,638	6,631,936	4,785,426	5,100,234	5,360,638	5,712,059	6,390,034	6,494,608	4,769,221	5,078,708	5,323,058	5,645,445	6,342,342	6,432,160	4,686,601	4,980,768	5,217,037	5,456,470	6,118,090	6,323,466	4,557,282	4,835,554	5,060,151	5,278,039	5,765,592	6,153,774
Stack Exhaust Flow, wet	ACFH	12,219,717	13,066,877	13,755,984	14,833,407	15,935,980	16,894,721	12,160,287	12,981,602	13,651,774	14,463,200	15,780,152	16,699,003	12,115,776	12,912,808	13,572,101	14,323,169	15,664,696	16,443,094	12,102,768	12,888,148	13,508,229	14,222,438	15,826,592	16,322,779	12,056,415	12,813,166	13,420,974	14,035,222	15,431,967	16,267,296	11,944,204	12,673,584	13,262,235	13,833,302	15,068,061	16,128,531
Stack Exhaust Velocity	ft/s	53.36	57.06	60.06	63.90	69.58	73.77	53.10	56.68	59.61	63.15	68.90	72.91	52.90	56.38	59.26	62.54	68.40	71.80	52.85	56.27	58.98	62.10	68.23	71.27	52.64	55.95	58.80	61.28	67.38	71.03	52.15	55.34	57.91	60.40	65.79	70.42

Stack Diameter	ft	9
Stack Height	ft	50.00
Mixed Exhaust Temp	F	850.00

EXHAUST COMPOSITION (with Tempering Air) VOL%

Ar	%	0.0090964	0.0086733	0.0087653	0.0087906	0.0089019	0.0088162	0.0085586	0.0086572	0.00875	0.0087863	0.0088989	0.0088117	0.0085388	0.0086377	0.0087298	0.008781	0.0088044	0.0088062	0.008507	0.0086077	0.0087069	0.0087699	0.0087959	0.0087767	0.008378	0.0084776	0.0085715	0.008664	0.0086901	0.0086237	0.0081259	0.0082221	0.0083119	0.0084099	0.0084734	0.0083424
N2	%	0.7634829	0.7633603	0.761778	0.7615795	0.7616217	0.7603686	0.7645751	0.7629911	0.7614256	0.7610297	0.7611418	0.759784	0.7631386	0.7614678	0.7599784	0.7593965	0.7595934	0.7581038	0.7590642	0.757677	0.7563382	0.7555352	0.7558136	0.7546537	0.7516569	0.7504019	0.7490804	0.7478932	0.748067	0.7476391	0.7335146	0.7325773	0.7316931	0.730645	0.7302553	0.7306076
O2	%	0.1498061	0.1481436	0.1471884	0.1475957	0.1487844	0.1450464	0.1500188	0.1490631	0.1481373	0.1483436	0.1496367	0.1457977	0.1508234	0.1499647	0.1491244	0.1491013	0.1504061	0.1465009	0.1511612	0.1503555	0.1495647	0.1494195	0.1508274	0.1469653	0.150781	0.1500453	0.1493351	0.1487364	0.1499582	0.1468391	0.1481487	0.1475855	0.1469559	0.1464533	0.1465629	0.1446086
H2O	%	0.0513598	0.0528431	0.0544215	0.0542612	0.0533407	0.0567714	0.0513128	0.0529036	0.0544331	0.0545322	0.0535246	0.0570239	0.0526735	0.0542188	0.0556519	0.0560757	0.055087	0.0586229	0.05719	0.0584665	0.0597602	0.0603235	0.059129	0.0624527	0.066084	0.0672571	0.0684721	0.0694956	0.068564	0.0709723	0.0884863	0.0892049	0.0899761	0.0907218	0.0907516	0.092175
CO2	%	0.0262547	0.0269798	0.0278091	0.0276943	0.0272428	0.0289601	0.0255091	0.0263597	0.0271768	0.0272011	0.026755	0.0285529	0.0248037	0.0256378	0.026411	0.026608	0.0260817	0.0279428	0.0240178	0.0248056	0.0255968	0.0259281	0.0254129	0.0270922	0.0230356	0.0237944	0.0245222	0.0251928	0.0246792	0.025863	0.0217244	0.0224102	0.0230629	0.0237702	0.0239568	0.0242664

SCR CATALYST																																					
Stack NOx Limit	ppmvdc	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Stack NOx Limit	lb/hr	1.1529444	1.2321579	1.2963193	1.3985131	1.5592639	1.5951682	1.1473827	1.2240983	1.2865052	1.3800025	1.540033	1.5728239	1.1369091	1.2109522	1.2720495	1.3552047	1.5166505	1.5392996	1.1310726	1.2038517	1.2611094	1.3371806	1.5029588	1.5222272	1.1076293	1.1765873	1.2317899	1.2877818	1.4444711	1.4915269	1.0676183	1.1324653	1.1846779	1.2352942	1.3493747	1.4394202
Ammonia Slip Limit	ppmvdc	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Ammonia Slip Limit	lb/hr	1.0663344	1.1395974	1.198939	1.2934559	1.442131	1.4753381	1.0611905	1.1321432	1.1898621	1.2763358	1.4243448	1.4546724	1.0515038	1.1199847	1.1764924	1.2534008	1.4027187	1.4236664	1.0461057	1.1134176	1.166374	1.2367308	1.3900554	1.4078765	1.0244235	1.0882013	1.1392571	1.1910428	1.3359615	1.3794824	0.9874181	1.0473937	1.0956841	1.1424981	1.2480088	1.33129
CO DESIGN PARAMETERS																																					
Stack CO Limit	ppmvdc	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Stack CO Limit	lb/hr	0.7019764	0.7502059	0.789271	0.8514922	0.9493662	0.9712267	0.6985901	0.7452988	0.7832956	0.8402219	0.9376574	0.9576223	0.6922132	0.7372948	0.7744942	0.8251236	0.9234208	0.9372108	0.6886596	0.7329715	0.7678332	0.8141496	0.9150844	0.9268162	0.674386	0.7163715	0.7499819	0.7840729	0.879474	0.9081241	0.6500251	0.6895075	0.7212975	0.7521155	0.821574	0.8763987

SECTION 6

BLACK START GENERATOR INFORMATION

PERFORMANCE DATA[DM8454]

October 29, 2024

Performance Number: DM8454 **Change Level: 01**

SALES MODEL:	3516C	**COMBUSTION:**	DIRECT INJECTION
BRAND:	CAT	**ENGINE SPEED (RPM):**	1,800
MACHINE SALES MODEL:		**HERTZ:**	60
ENGINE POWER (BHP):	2,722	**FAN POWER (HP):**	144.8
GEN POWER WITH FAN (EKW):	1,825.0	**ASPIRATION:**	TA
COMPRESSION RATIO:	14.7	**AFTERCOOLER TYPE:**	ATAAC
RATING LEVEL:	PRIME	**AFTERCOOLER CIRCUIT TYPE:**	JW+OC, ATAAC
PUMP QUANTITY:	2	**INLET MANIFOLD AIR TEMP (F):**	120
FUEL TYPE:	DIESEL	**JACKET WATER TEMP (F):**	210.2
MANIFOLD TYPE:	DRY	**TURBO CONFIGURATION:**	PARALLEL
GOVERNOR TYPE:	ADEM3	**TURBO QUANTITY:**	4
ELECTRONICS TYPE:	ADEM3	**TURBOCHARGER MODEL:**	GTA5518BN-56T-1.12
CAMSHAFT TYPE:	STANDARD	**CERTIFICATION YEAR:**	2008
IGNITION TYPE:	CI	**CRANKCASE BLOWBY RATE (FT3/HR):**	2,690.7
INJECTOR TYPE:	EUI	**FUEL RATE (RATED RPM) NO LOAD (GAL/HR):**	13.6
FUEL INJECTOR:	2664387	**PISTON SPD @ RATED ENG SPD (FT/MIN):**	2,244.1
REF EXH STACK DIAMETER (IN):	12		
MAX OPERATING ALTITUDE (FT):	3,937		

INDUSTRY	SUBINDUSTRY	APPLICATION
ELECTRIC POWER	STANDARD	PACKAGED GENSET

General Performance Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	BRAKE MEAN EFF PRES (BMEP)	BRAKE SPEC FUEL CONSUMPTN (BSFC)	ISO BRAKE SPEC FUEL CONSUMPTN (BSFC)	VOL FUEL CONSUMPTN (VFC)	ISO VOL FUEL CONSUMPTN (VFC)
EKW	%	BHP	PSI	LB/BHP-HR	LB/BHP-HR	GAL/HR	GAL/HR
1,825.0	100	2,721	284	0.330	0.323	126.8	123.8
1,642.5	90	2,450	256	0.335	0.327	115.6	112.8
1,460.0	80	2,188	229	0.341	0.333	105.2	102.7
1,368.8	75	2,059	215	0.345	0.337	100.1	97.7
1,277.5	70	1,931	202	0.348	0.340	94.8	92.5
1,095.0	60	1,678	175	0.355	0.346	83.9	81.9
912.5	50	1,429	149	0.357	0.349	72.0	70.3
730.0	40	1,181	123	0.358	0.349	59.5	58.1
547.5	30	932	97	0.368	0.359	48.3	47.2
456.2	25	806	84	0.377	0.368	42.9	41.8
365.0	20	678	71	0.391	0.382	37.4	36.5
182.5	10	416	43	0.448	0.438	26.3	25.7

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	INLET MFLD PRES	INLET MFLD TEMP	EXH MFLD TEMP	EXH MFLD PRES	ENGINE OUTLET TEMP	COMPRESSOR OUTLET PRES	COMPRESSOR OUTLET TEMP
EKW	%	BHP	IN-HG	DEG F	DEG F	IN-HG	DEG F	IN-HG	DEG F
1,825.0	100	2,721	74.6	120.0	1,080.6	67.3	729.8	79	435.7
1,642.5	90	2,450	69.8	118.7	1,040.1	62.0	702.9	74	412.9
1,460.0	80	2,188	64.8	117.4	1,005.1	56.8	683.4	69	390.8
1,368.8	75	2,059	62.1	116.8	987.9	54.2	675.3	66	380.0
1,277.5	70	1,931	59.1	116.1	970.6	51.4	667.6	63	368.2
1,095.0	60	1,678	52.1	114.7	936.4	44.9	654.3	56	340.7
912.5	50	1,429	42.7	113.1	897.8	36.8	647.4	46	303.3
730.0	40	1,181	31.8	111.4	849.9	27.9	643.2	34	258.8
547.5	30	932	22.7	110.4	792.6	20.9	633.2	25	218.2
456.2	25	806	18.8	110.1	757.8	18.0	624.1	21	199.4
365.0	20	678	15.2	109.7	717.6	15.4	611.2	17	181.4
182.5	10	416	9.1	109.1	599.5	11.0	542.8	11	149.1

General Performance Data (Continued)

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	WET INLET AIR VOL FLOW RATE	ENGINE OUTLET WET EXH GAS VOL FLOW RATE	WET INLET AIR MASS FLOW RATE	WET EXH GAS MASS FLOW RATE	WET EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)	DRY EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)
EKW	%	BHP	CFM	CFM	LB/HR	LB/HR	FT3/MIN	FT3/MIN

1,825.0	100	2,721	6,268.9	14,338.0	27,207.2	28,105.6	5,926.5	5,492.9
1,642.5	90	2,450	6,078.0	13,483.9	26,275.7	27,094.6	5,702.7	5,307.2
1,460.0	80	2,188	5,848.9	12,707.3	25,203.9	25,948.7	5,465.7	5,103.8
1,368.8	75	2,059	5,717.7	12,303.7	24,603.8	25,313.9	5,329.9	4,984.5
1,277.5	70	1,931	5,567.0	11,865.4	23,915.9	24,589.3	5,175.4	4,847.0
1,095.0	60	1,678	5,183.9	10,864.4	22,185.9	22,781.5	4,795.0	4,502.4
912.5	50	1,429	4,622.0	9,569.6	19,690.3	20,200.9	4,249.9	3,997.8
730.0	40	1,181	3,948.4	8,096.6	16,730.6	17,153.0	3,609.6	3,400.7
547.5	30	932	3,368.4	6,825.8	14,210.5	14,552.7	3,071.0	2,900.3
456.2	25	806	3,113.1	6,238.2	13,110.4	13,414.0	2,830.1	2,677.7
365.0	20	678	2,876.7	5,668.5	12,097.3	12,362.8	2,602.6	2,467.9
182.5	10	416	2,472.2	4,547.9	10,369.3	10,556.0	2,230.7	2,131.7

Heat Rejection Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	REJECTION TO JACKET WATER	REJECTION TO ATMOSPHERE	REJECTION TO EXH	EXHAUST RECOVERY TO 350F	FROM OIL COOLER	FROM AFTERCOOLER	WORK ENERGY	LOW HEAT VALUE ENERGY	HIGH HEAT VALUE ENERGY
EKW	%	BHP	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN
1,825.0	100	2,721	41,176	7,412	94,610	44,575	14,683	34,659	115,390	275,674	293,661
1,642.5	90	2,450	38,527	7,062	86,743	39,775	13,387	31,101	103,910	251,335	267,735
1,460.0	80	2,188	36,026	6,778	79,970	35,886	12,183	27,695	92,774	228,740	243,665
1,368.8	75	2,059	34,762	6,647	76,682	34,111	11,589	26,040	87,309	217,577	231,774
1,277.5	70	1,931	33,450	6,524	73,236	32,303	10,979	24,222	81,880	206,135	219,585
1,095.0	60	1,678	30,660	6,282	65,884	28,619	9,717	20,121	71,174	182,439	194,344
912.5	50	1,429	27,479	6,000	57,347	24,769	8,336	15,125	60,594	156,515	166,727
730.0	40	1,181	24,011	5,699	48,105	20,709	6,897	9,899	50,098	129,496	137,945
547.5	30	932	20,680	5,394	39,921	16,936	5,597	6,112	39,536	105,077	111,933
456.2	25	806	18,997	5,238	36,022	15,084	4,965	4,652	34,192	93,210	99,292
365.0	20	678	17,246	5,079	32,081	13,220	4,333	3,430	28,772	81,353	86,661
182.5	10	416	13,382	4,712	23,624	8,251	3,047	1,543	17,652	57,208	60,941

Sound Data

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:1.5 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	116.0	106.0	121.0	117.0	109.0
1,642.5	90	2,450	115.0	105.0	120.0	116.0	108.0
1,460.0	80	2,188	114.0	104.0	119.0	115.0	107.0
1,368.8	75	2,059	113.0	104.0	118.0	114.0	106.0
1,277.5	70	1,931	113.0	103.0	118.0	114.0	106.0
1,095.0	60	1,678	112.0	102.0	117.0	113.0	105.0
912.5	50	1,429	111.0	101.0	116.0	112.0	104.0
730.0	40	1,181	110.0	100.0	115.0	111.0	103.0
547.5	30	932	108.0	98.0	113.0	109.0	101.0
456.2	25	806	107.0	98.0	112.0	108.0	100.0
365.0	20	678	107.0	97.0	112.0	108.0	100.0
182.5	10	416	105.0	95.0	110.0	106.0	98.0

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:1.5 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	107.0	109.0	109.0	107.0
1,642.5	90	2,450	106.0	108.0	108.0	106.0
1,460.0	80	2,188	105.0	107.0	107.0	105.0
1,368.8	75	2,059	105.0	106.0	106.0	104.0
1,277.5	70	1,931	104.0	106.0	106.0	104.0

1,095.0	60	1,678	103.0	105.0	104.0	103.0
912.5	50	1,429	102.0	104.0	103.0	101.0
730.0	40	1,181	101.0	102.0	102.0	100.0
547.5	30	932	100.0	101.0	101.0	99.0
456.2	25	806	99.0	100.0	100.0	98.0
365.0	20	678	98.0	99.0	99.0	97.0
182.5	10	416	96.0	97.0	97.0	95.0

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:7 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	103.0	94.0	111.0	105.0	96.0
1,642.5	90	2,450	102.0	93.0	110.0	104.0	95.0
1,460.0	80	2,188	101.0	92.0	109.0	103.0	94.0
1,368.8	75	2,059	100.0	91.0	108.0	102.0	94.0
1,277.5	70	1,931	100.0	91.0	108.0	102.0	93.0
1,095.0	60	1,678	98.0	90.0	106.0	101.0	92.0
912.5	50	1,429	97.0	89.0	105.0	100.0	91.0
730.0	40	1,181	96.0	88.0	104.0	98.0	90.0
547.5	30	932	95.0	86.0	103.0	97.0	88.0
456.2	25	806	94.0	85.0	102.0	96.0	88.0
365.0	20	678	93.0	85.0	101.0	95.0	87.0
182.5	10	416	91.0	83.0	99.0	93.0	85.0

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:7 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	95.0	95.0	95.0	92.0
1,642.5	90	2,450	94.0	94.0	94.0	91.0
1,460.0	80	2,188	93.0	93.0	93.0	90.0
1,368.8	75	2,059	92.0	93.0	93.0	90.0
1,277.5	70	1,931	92.0	92.0	92.0	89.0
1,095.0	60	1,678	90.0	91.0	91.0	88.0
912.5	50	1,429	89.0	90.0	90.0	87.0
730.0	40	1,181	88.0	89.0	89.0	86.0
547.5	30	932	87.0	87.0	87.0	85.0
456.2	25	806	86.0	87.0	87.0	84.0
365.0	20	678	85.0	86.0	86.0	83.0
182.5	10	416	83.0	84.0	84.0	81.0

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:15 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	96.0	87.0	104.0	98.0	90.0
1,642.5	90	2,450	95.0	86.0	103.0	97.0	89.0
1,460.0	80	2,188	94.0	85.0	102.0	96.0	88.0
1,368.8	75	2,059	93.0	85.0	101.0	96.0	87.0
1,277.5	70	1,931	93.0	84.0	101.0	95.0	87.0
1,095.0	60	1,678	92.0	83.0	100.0	94.0	85.0
912.5	50	1,429	91.0	82.0	99.0	93.0	84.0
730.0	40	1,181	90.0	81.0	98.0	92.0	83.0
547.5	30	932	88.0	80.0	96.0	90.0	82.0
456.2	25	806	87.0	79.0	95.0	90.0	81.0
365.0	20	678	87.0	78.0	95.0	89.0	80.0
182.5	10	416	85.0	76.0	93.0	87.0	78.0

EXHAUST:SOUND PRESSURE(OBCF) DISTANCE:15 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)

1,825.0	100	2,721	88.0	89.0	88.0	86.0
1,642.5	90	2,450	87.0	88.0	88.0	85.0
1,460.0	80	2,188	86.0	87.0	87.0	84.0
1,368.8	75	2,059	85.0	86.0	86.0	83.0
1,277.5	70	1,931	85.0	86.0	86.0	83.0
1,095.0	60	1,678	84.0	85.0	84.0	82.0
912.5	50	1,429	83.0	83.0	83.0	81.0
730.0	40	1,181	82.0	82.0	82.0	79.0
547.5	30	932	80.0	81.0	81.0	78.0
456.2	25	806	79.0	80.0	80.0	77.0
365.0	20	678	79.0	79.0	79.0	76.0
182.5	10	416	77.0	77.0	77.0	74.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:1 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	105.0	92.0	100.0	101.0	99.0
1,642.5	90	2,450	105.0	92.0	100.0	101.0	99.0
1,460.0	80	2,188	105.0	92.0	100.0	101.0	99.0
1,368.8	75	2,059	105.0	92.0	100.0	101.0	99.0
1,277.5	70	1,931	105.0	92.0	100.0	101.0	99.0
1,095.0	60	1,678	105.0	92.0	100.0	101.0	99.0
912.5	50	1,429	105.0	92.0	100.0	101.0	99.0
730.0	40	1,181	105.0	92.0	100.0	101.0	99.0
547.5	30	932	105.0	92.0	100.0	101.0	99.0
456.2	25	806	105.0	92.0	100.0	101.0	99.0
365.0	20	678	105.0	92.0	100.0	101.0	99.0
182.5	10	416	105.0	92.0	100.0	101.0	99.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:1 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	100.0	101.0	99.0	103.0
1,642.5	90	2,450	100.0	101.0	99.0	103.0
1,460.0	80	2,188	100.0	101.0	99.0	103.0
1,368.8	75	2,059	100.0	101.0	99.0	103.0
1,277.5	70	1,931	100.0	101.0	99.0	103.0
1,095.0	60	1,678	100.0	101.0	99.0	103.0
912.5	50	1,429	100.0	101.0	99.0	103.0
730.0	40	1,181	100.0	101.0	99.0	103.0
547.5	30	932	100.0	101.0	99.0	103.0
456.2	25	806	100.0	101.0	99.0	103.0
365.0	20	678	100.0	101.0	99.0	103.0
182.5	10	416	100.0	101.0	99.0	103.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:7 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	94.0	81.0	88.0	89.0	87.0
1,642.5	90	2,450	94.0	81.0	88.0	89.0	87.0
1,460.0	80	2,188	94.0	81.0	88.0	89.0	87.0
1,368.8	75	2,059	94.0	81.0	88.0	89.0	87.0
1,277.5	70	1,931	94.0	81.0	88.0	89.0	87.0
1,095.0	60	1,678	94.0	81.0	88.0	89.0	87.0
912.5	50	1,429	94.0	81.0	88.0	89.0	87.0
730.0	40	1,181	94.0	81.0	88.0	89.0	87.0
547.5	30	932	94.0	81.0	88.0	89.0	87.0
456.2	25	806	94.0	81.0	88.0	89.0	87.0
365.0	20	678	94.0	81.0	88.0	89.0	87.0
182.5	10	416	94.0	81.0	88.0	89.0	87.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:7 METER

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GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	89.0	90.0	87.0	91.0
1,642.5	90	2,450	89.0	90.0	87.0	91.0
1,460.0	80	2,188	89.0	90.0	87.0	91.0
1,368.8	75	2,059	89.0	90.0	87.0	91.0
1,277.5	70	1,931	89.0	90.0	87.0	91.0
1,095.0	60	1,678	89.0	90.0	87.0	91.0
912.5	50	1,429	89.0	90.0	87.0	91.0
730.0	40	1,181	89.0	90.0	87.0	91.0
547.5	30	932	89.0	90.0	87.0	91.0
456.2	25	806	89.0	90.0	87.0	91.0
365.0	20	678	89.0	90.0	87.0	91.0
182.5	10	416	89.0	90.0	87.0	91.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:15 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	OVERALL SOUND	63 HZ	125 HZ	250 HZ	500 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	88.0	76.0	83.0	84.0	82.0
1,642.5	90	2,450	88.0	76.0	83.0	84.0	82.0
1,460.0	80	2,188	88.0	76.0	83.0	84.0	82.0
1,368.8	75	2,059	88.0	76.0	83.0	84.0	82.0
1,277.5	70	1,931	88.0	76.0	83.0	84.0	82.0
1,095.0	60	1,678	88.0	76.0	83.0	84.0	82.0
912.5	50	1,429	88.0	76.0	83.0	84.0	82.0
730.0	40	1,181	88.0	76.0	83.0	84.0	82.0
547.5	30	932	88.0	76.0	83.0	84.0	82.0
456.2	25	806	88.0	76.0	83.0	84.0	82.0
365.0	20	678	88.0	76.0	83.0	84.0	82.0
182.5	10	416	88.0	76.0	83.0	84.0	82.0

MECHANICAL:SOUND PRESSURE(OBCF) DISTANCE:15 METER

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	1000 HZ	2000 HZ	4000 HZ	8000 HZ
EKW	%	BHP	dB(A)	dB(A)	dB(A)	dB(A)
1,825.0	100	2,721	83.0	84.0	82.0	86.0
1,642.5	90	2,450	83.0	84.0	82.0	86.0
1,460.0	80	2,188	83.0	84.0	82.0	86.0
1,368.8	75	2,059	83.0	84.0	82.0	86.0
1,277.5	70	1,931	83.0	84.0	82.0	86.0
1,095.0	60	1,678	83.0	84.0	82.0	86.0
912.5	50	1,429	83.0	84.0	82.0	86.0
730.0	40	1,181	83.0	84.0	82.0	86.0
547.5	30	932	83.0	84.0	82.0	86.0
456.2	25	806	83.0	84.0	82.0	86.0
365.0	20	678	83.0	84.0	82.0	86.0
182.5	10	416	83.0	84.0	82.0	86.0

Emissions Data

DIESEL

RATED SPEED NOMINAL DATA: 1800 RPM

GENSET POWER WITH FAN	EKW	1,825.0	1,368.8	912.5	456.2	182.5
PERCENT LOAD	%	100	75	50	25	10
ENGINE POWER	BHP	2,721	2,059	1,429	806	416
TOTAL NOX (AS NO2)	G/HR	13,509	7,322	4,684	3,516	2,515
TOTAL CO	G/HR	728	421	622	1,002	1,018
TOTAL HC	G/HR	348	368	382	311	339

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TOTAL CO2		KG/HR	1,261	998	717	426	259
PART MATTER		G/HR	71.6	71.2	106.6	183.1	146.0
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	2,526.5	1,792.6	1,613.4	2,012.9	2,389.2
TOTAL CO	(CORR 5% O2)	MG/NM3	131.7	96.8	207.5	517.3	951.4
TOTAL HC	(CORR 5% O2)	MG/NM3	55.2	73.1	105.6	149.4	284.0
PART MATTER	(CORR 5% O2)	MG/NM3	11.1	14.3	33.3	87.3	113.4
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,231	873	786	981	1,164
TOTAL CO	(CORR 5% O2)	PPM	105	77	166	414	761
TOTAL HC	(CORR 5% O2)	PPM	103	136	197	279	530
TOTAL NOX (AS NO2)		G/HP-HR	4.99	3.57	3.29	4.37	6.05
TOTAL CO		G/HP-HR	0.27	0.21	0.44	1.24	2.45
TOTAL HC		G/HP-HR	0.13	0.18	0.27	0.39	0.81
PART MATTER		G/HP-HR	0.03	0.03	0.07	0.23	0.35
TOTAL NOX (AS NO2)		LB/HR	29.78	16.14	10.33	7.75	5.55
TOTAL CO		LB/HR	1.60	0.93	1.37	2.21	2.24
TOTAL HC		LB/HR	0.77	0.81	0.84	0.69	0.75
TOTAL CO2		LB/HR	2,781	2,199	1,581	939	570
PART MATTER		LB/HR	0.16	0.16	0.24	0.40	0.32
OXYGEN IN EXH		%	11.4	12.6	13.5	14.3	15.8
DRY SMOKE OPACITY		%	0.4	0.5	1.8	3.8	3.1
BOSCH SMOKE NUMBER			0.18	0.23	0.60	1.25	1.14

RATED SPEED POTENTIAL SITE VARIATION: 1800 RPM

GENSET POWER WITH FAN		**EKW**	**1,825.0**	**1,368.8**	**912.5**	**456.2**	**182.5**
PERCENT LOAD		**%**	**100**	**75**	**50**	**25**	**10**
ENGINE POWER		**BHP**	**2,721**	**2,059**	**1,429**	**806**	**416**
TOTAL NOX (AS NO2)		G/HR	16,211	8,787	5,621	4,219	3,018
TOTAL CO		G/HR	1,310	758	1,119	1,803	1,832
TOTAL HC		G/HR	463	490	508	414	450
PART MATTER		G/HR	100.3	99.7	149.3	256.4	204.4
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	3,031.7	2,151.1	1,936.1	2,415.5	2,867.1
TOTAL CO	(CORR 5% O2)	MG/NM3	237.1	174.2	373.5	931.1	1,712.5
TOTAL HC	(CORR 5% O2)	MG/NM3	73.4	97.2	140.5	198.7	377.7
PART MATTER	(CORR 5% O2)	MG/NM3	15.6	20.0	46.6	122.2	158.8
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,477	1,048	943	1,177	1,397
TOTAL CO	(CORR 5% O2)	PPM	190	139	299	745	1,370
TOTAL HC	(CORR 5% O2)	PPM	137	181	262	371	705
TOTAL NOX (AS NO2)		G/HP-HR	5.99	4.29	3.95	5.24	7.26
TOTAL CO		G/HP-HR	0.48	0.37	0.79	2.24	4.40
TOTAL HC		G/HP-HR	0.17	0.24	0.36	0.51	1.08
PART MATTER		G/HP-HR	0.04	0.05	0.10	0.32	0.49
TOTAL NOX (AS NO2)		LB/HR	35.74	19.37	12.39	9.30	6.65
TOTAL CO		LB/HR	2.89	1.67	2.47	3.97	4.04
TOTAL HC		LB/HR	1.02	1.08	1.12	0.91	0.99
PART MATTER		LB/HR	0.22	0.22	0.33	0.57	0.45

Regulatory Information

EPA TIER 2			**2006 - 2010**	
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 89 SUBPART D AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE NON-ROAD REGULATIONS.				
Locality	**Agency**	**Regulation**	**Tier/Stage**	**Max Limits - G/BKW - HR**
U.S. (INCL CALIF)	EPA	NON-ROAD	TIER 2	CO: 3.5 NOx + HC: 6.4 PM: 0.20

EPA EMERGENCY STATIONARY			**2011 - ----**	
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 60 SUBPART IIII AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE EMERGENCY STATIONARY REGULATIONS.				
Locality	**Agency**	**Regulation**	**Tier/Stage**	**Max Limits - G/BKW - HR**
U.S. (INCL CALIF)	EPA	STATIONARY	EMERGENCY STATIONARY	CO: 3.5 NOx + HC: 6.4 PM: 0.20

Altitude Derate Data

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STANDARD

ALTITUDE CORRECTED POWER CAPABILITY (BHP)

AMBIENT OPERATING TEMP (F)	50	60	70	80	90	100	110	120	130	NORMAL
ALTITUDE (FT)										
0	2,722	2,722	2,722	2,722	2,722	2,722	2,722	2,722	2,722	2,722
1,000	2,722	2,722	2,722	2,722	2,722	2,722	2,722	2,722	2,722	2,722
2,000	2,722	2,722	2,722	2,722	2,722	2,722	2,722	2,715	2,669	2,722
3,000	2,722	2,722	2,722	2,722	2,722	2,706	2,659	2,613	2,569	2,722
4,000	2,722	2,722	2,722	2,700	2,651	2,604	2,558	2,514	2,471	2,722
5,000	2,722	2,697	2,646	2,597	2,550	2,504	2,460	2,418	2,377	2,693
6,000	2,644	2,593	2,544	2,497	2,451	2,408	2,365	2,324	2,285	2,607
7,000	2,541	2,492	2,445	2,400	2,356	2,314	2,273	2,234	2,196	2,523
8,000	2,441	2,394	2,349	2,305	2,263	2,223	2,184	2,146	2,110	2,441
9,000	2,344	2,299	2,256	2,214	2,174	2,135	2,097	2,061	2,026	2,361
10,000	2,251	2,207	2,166	2,125	2,087	2,049	2,014	1,979	1,945	2,282
11,000	2,160	2,118	2,078	2,040	2,003	1,967	1,932	1,899	1,867	2,206
12,000	2,072	2,032	1,993	1,957	1,921	1,887	1,853	1,821	1,791	2,131
13,000	1,986	1,948	1,911	1,876	1,842	1,809	1,777	1,747	1,717	2,058
14,000	1,904	1,867	1,832	1,798	1,765	1,734	1,703	1,674	1,646	1,987
15,000	1,824	1,789	1,755	1,723	1,691	1,661	1,632	1,604	1,576	1,918

Cross Reference

Test Spec	Setting	Engine Arrangement	Engineering Model	Engineering Model Version	Start Effective Serial Number	End Effective Serial Number
0K8521	LL6011	2903313	PS017	-	MHB00001	
0K9250	LL6076	3395408	PS017	-	MHB00001	

Supplementary Data

Type	Classification	Performance Number
CONVERTIBLE SECONDARY FREQUENCY	50HZ LOW EMIS	DM8754
SOUND	SOUND PRESSURE	DM8779

General Notes

General Notes DM8454 - 01
SOUND PRESSURE DATA FOR THIS RATING CAN BE FOUND IN PERFORMANCE NUMBER - DM8779

Performance Parameter Reference

Parameters Reference:DM9600-15

PERFORMANCE DEFINITIONS

PERFORMANCE DEFINITIONS DM9600
APPLICATION:
Engine performance tolerance values below are representative of a typical production engine tested in a calibrated dynamometer test cell at SAE J1995 standard reference conditions. Caterpillar maintains ISO9001:2000 certified quality management systems for engine test Facilities to assure accurate calibration of test equipment. Engine test data is corrected in accordance with SAE J1995. Additional reference material SAE J1228, J1349, ISO 8665, 3046-1:2002E, 3046-3:1989, 1585, 2534, 2288, and 9249 may apply in part or are similar to SAE J1995. Special engine rating request (SERR) test data shall be noted.
PERFORMANCE PARAMETER TOLERANCE FACTORS:
Power +/- 3%

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Torque +/- 3%
Exhaust stack temperature +/- 8%
Inlet airflow +/- 5%
Intake manifold pressure-gage +/- 10%
Exhaust flow +/- 6%
Specific fuel consumption +/- 3%
Specific fuel consumption (C7-C18) +/- 4%
Fuel rate +/- 5%
Specific DEF consumption +/- 3%
DEF rate +/- 5%
Heat rejection +/- 5%
Heat rejection exhaust only +/- 10%
Heat rejection CEM only +/- 10%
Heat Rejection values based on using treated water.
Torque is included for truck and industrial applications, do not use for Gen Set or steady state applications.
On C7 - C18 engines, at speeds of 1100 RPM and under these values are provided for reference only, and may not meet the tolerance listed.
On 3500 and C175 engines, at speeds below Peak Torque these values are provided for reference only, and may not meet the tolerance listed.
These values do not apply to C280/3600. For these models, see the tolerances listed below.
C280/3600 HEAT REJECTION TOLERANCE FACTORS:
Heat rejection +/- 10%
Heat rejection to Atmosphere +/- 50%
Heat rejection to Lube Oil +/- 20%
Heat rejection to Aftercooler +/- 5%
TEST CELL TRANSDUCER TOLERANCE FACTORS:
Torque +/- 0.5%
Speed +/- 0.2%
Fuel flow +/- 1.0%
Temperature +/- 2.0 C degrees
Intake manifold pressure +/- 0.1 kPa
OBSERVED ENGINE PERFORMANCE IS CORRECTED TO SAE J1995 REFERENCE
AIR AND FUEL CONDITIONS.
REFERENCE ATMOSPHERIC INLET AIR
FOR 3500 ENGINES AND SMALLER
SAE J1228 AUG2002 for marine engines, and J1995 JAN2014 for other engines, reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity at the stated aftercooler water temp, or inlet manifold temp.
FOR 3600 ENGINES
Engine rating obtained and presented in accordance with ISO 3046/1 and SAE J1995 JANJAN2014 reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity and 150M altitude at the stated aftercooler water temperature.
MEASUREMENT LOCATION FOR INLET AIR TEMPERATURE
Location for air temperature measurement air cleaner inlet at stabilized operating conditions.
REFERENCE EXHAUST STACK DIAMETER
The Reference Exhaust Stack Diameter published with this dataset is only used for the calculation of Smoke Opacity values displayed in this dataset. This value does not necessarily represent the actual stack diameter of the engine due to the variety of exhaust stack adapter options available. Consult the price list, engine order or general dimension drawings for the actual stack diameter size ordered or options available.
REFERENCE FUEL
DIESEL
Reference fuel is #2 distillate diesel with a 35API gravity;
A lower heating value is 42,780 KJ/KG (18,390 BTU/LB) when used at 15 deg C (59 deg F), where the density is 850 G/Liter (7.0936 Lbs/Gal).
GAS
Reference natural gas fuel has a lower heating value of 33.74 KJ/L (905 BTU/CU Ft). Low BTU ratings are based on 18.64 KJ/L (500 BTU/CU FT) lower heating value gas. Propane ratings are based on 87.56 KJ/L (2350 BTU/CU Ft) lower heating value gas.
ENGINE POWER (NET) IS THE CORRECTED FLYWHEEL POWER (GROSS) LESS
EXTERNAL AUXILIARY LOAD
Engine corrected gross output includes the power required to drive standard equipment; lube oil, scavenge lube oil, fuel transfer, common rail fuel, separate circuit aftercooler and jacket water pumps. Engine net power available for the external (flywheel) load is calculated by subtracting the sum of auxiliary load from the corrected gross flywheel out put power. Typical auxiliary loads are radiator cooling fans, hydraulic pumps, air compressors and battery charging alternators. For Tier 4 ratings additional Parasitic losses would also include Intake, and Exhaust Restrictions.
ALTITUDE CAPABILITY
Altitude capability is the maximum altitude above sea level at

standard temperature and standard pressure at which the engine could develop full rated output power on the current performance data set.
Standard temperature values versus altitude could be seen on TM2001.
When viewing the altitude capability chart the ambient temperature is the inlet air temp at the compressor inlet.
Engines with ADEM MEUI and HEUI fuel systems operating at conditions above the defined altitude capability derate for atmospheric pressure and temperature conditions outside the values defined, see TM2001.
Mechanical governor controlled unit injector engines require a setting change for operation at conditions above the altitude defined on the engine performance sheet. See your Caterpillar technical representative for non standard ratings.
REGULATIONS AND PRODUCT COMPLIANCE
TMI Emissions information is presented at 'nominal' and 'Potential Site Variation' values for standard ratings. No tolerances are applied to the emissions data. These values are subject to change at any time. The controlling federal and local emission requirements need to be verified by your Caterpillar technical representative.
Customer's may have special emission site requirements that need to be verified by the Caterpillar Product Group engineer.
EMISSION CYCLE LIMITS:
Cycle emissions Max Limits apply to cycle-weighted averages only. Emissions at individual load points may exceed the cycle-weighted limit.
WET & DRY EXHAUST/EMISSIONS DESCRIPTION:
Wet - Total exhaust flow or concentration of total exhaust flow
Dry - Total exhaust flow minus water vapor or concentration of exhaust flow with water vapor excluded
EMISSIONS DEFINITIONS:
Emissions : DM1176
EMISSION CYCLE DEFINITIONS
1. For constant-speed marine engines for ship main propulsion, including,diesel-electric drive, test cycle E2 shall be applied, for controllable-pitch propeller sets
test cycle E2 shall be applied.
2. For propeller-law-operated main and propeller-law-operated auxiliary engines the test cycle E3 shall be applied.
3. For constant-speed auxiliary engines test cycle D2 shall be applied.
4. For variable-speed, variable-load auxiliary engines, not included above, test cycle C1 shall be applied.
HEAT REJECTION DEFINITIONS:
Diesel Circuit Type and HHV Balance : DM9500
HIGH DISPLACEMENT (HD) DEFINITIONS:
3500: EM1500
RATING DEFINITIONS:
Agriculture : TM6008
Fire Pump : TM6009
Generator Set : TM6035
Generator (Gas) : TM6041
Industrial Diesel : TM6010
Industrial (Gas) : TM6040
Irrigation : TM5749
Locomotive : TM6037
Marine Auxiliary : TM6036
Marine Prop (Except 3600) : TM5747
Marine Prop (3600 only) : TM5748
MSHA : TM6042
Oil Field (Petroleum) : TM6011
Off-Highway Truck : TM6039
On-Highway Truck : TM6038
SOUND DEFINITIONS:
Sound Power : DM8702
Sound Pressure : TM7080
Date Released : 03/12/24

SECTION 7

CRITICAL GENERATOR AND SCR INFORMATION

Cat® 3516E

High Power Density (HPD) Diesel Generator Sets

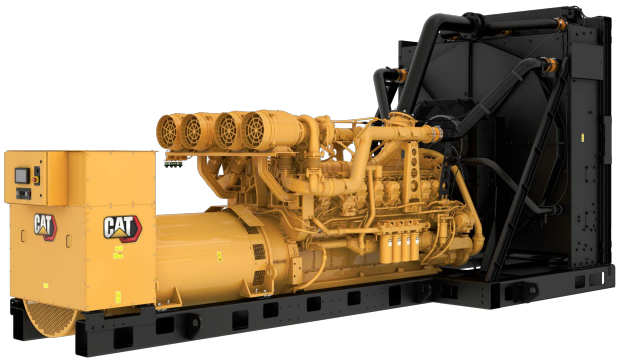


Image shown may not reflect actual configuration

Bore – mm (in)	170 (6.69)
Stroke – mm (in)	215 (8.46)
Displacement – L (in^3)	78.1 (4766)
Compression Ratio	13.9:1
Aspiration	TA
Fuel System	MEUI
Governor Type	ADEM™ A5

Mission Critical 60 Hz ekW (kVA)	Emissions Performance
3000 (3750)	U.S. EPA Certified for Emergency Stationary Applications (Tier 2) and meets Northern Virginia NO_x requirements

Features

Cat® Diesel Engine

- Meets U.S. EPA Stationary Emergency (Tier 2) and Northern Virginia NO_x requirements
- Reliable performance proven in thousands of applications worldwide
- Certified alternative fuels including Hydrotreated Vegetable Oil (HVO), Renewable Diesel (RD) and Hydrotreated Renewable Diesel (HRD) which meet EN 15940 or ASTM D975 can be used or blended with EN 590 diesel

Generator Set Package

- Accepts 100% block load in one step
- Meets NFPA 110 loading requirements
- Conforms to ISO 8528-5 G3 load acceptance requirements
- Reliability verified through torsional vibration, fuel consumption, oil consumption, transient performance, and endurance testing

Alternators

- Superior motor starting capability minimizes need for oversizing generator
- Designed to match performance and output characteristics of Cat diesel engines

Cooling System

- Cooling systems available to operate in ambient temperatures up to 50°C (122°F)
- Tested to ensure proper generator set cooling

Cat Energy Control System (ECS)

- User-friendly interface and navigation
- Scalable system to meet a wide range of installation requirements
- Expansion modules and site specific programming for specific customer requirements
- Graphical touchscreen display
- Easily upgradeable

Warranty

- 24 months/1000-hour warranty for standby and mission critical ratings
- Extended service protection is available to provide extended coverage options

Worldwide Product Support

- Cat dealers have over 1,800 dealer branch stores operating in 200 countries
- Your local Cat dealer provides extensive post-sale support, including maintenance and repair agreements

Financing

- Caterpillar offers an array of financial products to help you succeed through financial service excellence
- Options include loans, finance lease, operating lease, working capital, and revolving line of credit
- Contact your local Cat dealer for availability in your region

Standard and Optional Equipment

Engine

Air Cleaner
- ■ Dual Element
- ■ Service Indicator

Muffler
- ❑ Industrial grade (15 dB)
- ❑ Critical grade (25 dB)
- ❑ Hospital grade (35 dB)

Starting
- ❑ Standard batteries
- ❑ Oversized batteries
- ■ Dual electric starting motors
- ❑ Air starter(s)
- ■ Jacket water heater

Alternator

Output voltage
- ■ 480V ❑ 12470V
- ❑ 600V ❑ 13200V
- ❑ 4160V ❑ 13800V

Temperature Rise (over 40°C ambient)
- ❑ 150°C
- ❑ 125°C/130°C

Winding type
- ■ Random wound
- ❑ Form wound

Excitation
- ❑ Internal excitation (IE)
- ■ Permanent magnet (PM)

Attachments
- ■ Anti-condensation heater
- ❑ Stator and bearing temperature monitoring and protection

Power Termination

Type
- ❑ Bus bar
- ■ Circuit breaker
- ❑ 5000A ❑ UL
- ■ 3-pole ❑ 4-pole
- ❑ Manually operated
- ❑ Electrically operated

Trip Unit
- ❑ LSI ❑ LSI-G
- ❑ LSIG-P [X] LSI-P

Control System

Controller
- ■ Cat ECS 100
- ❑ Cat ECS 200
- ❑ EMCP 4.4

Attachments
- ❑ Local annunciator module
- ❑ Remote annunciator module
- ❑ Expansion I/O module
- ❑ Remote monitoring software

Charging

- ❑ Battery charger – 10A
- ❑ Battery charger – 20A
- ❑ Battery charger – 35A

[X] SENS SuperTorque 8ZR

Vibration Isolators

- ■ Spring
- ■ Seismic rated

Cat Connect

Connectivity
- ■ Ethernet
- ❑ Cellular

Extended Service Options

Terms
- ❑ 2 year (prime)
- ❑ 3 year
- ■ 5 year
- ❑ 10 year

Coverage
- ❑ Silver
- ❑ Gold
- ❑ Platinum
- ■ Platinum Plus

Ancillary Equipment

- ❑ Automatic transfer switch (ATS)
- ❑ Paralleling switchgear
- ❑ Paralleling controls

Certifications

- ❑ ULC 2200 Listed
- ❑ IBC seismic certification

Note: *Some options may not be available on all models. Certifications may not be available with all model configurations. Consult factory for availability.*

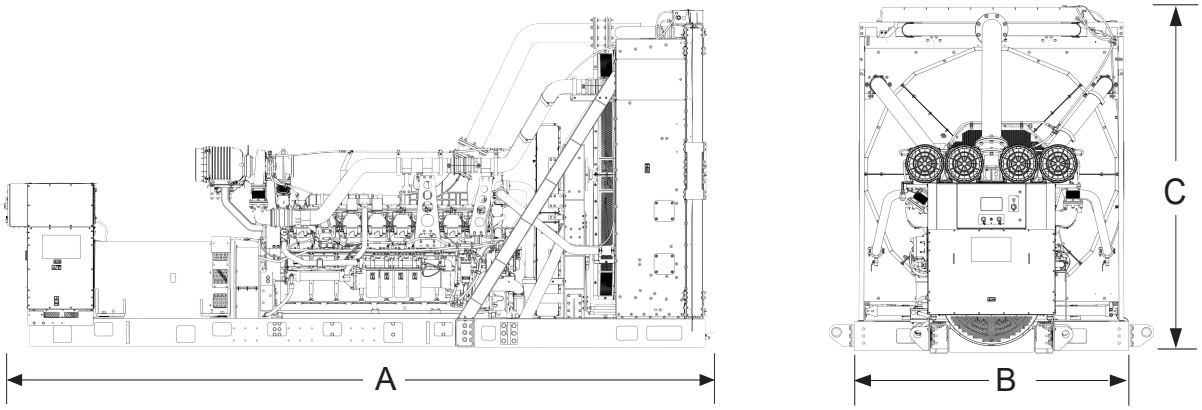
Package Performance

Performance	Mission Critical	
Engine Speed	1800 rpm	
Frequency	60 Hz	
Gen set power rating with fan	3000 ekW	
Gen set power rating with fan @ 0.8 power factor	3750 kVA	
Emissions	Tier 2 (EPA ESE)	
Performance number	EM6285-01	
Fuel Consumption		
100% load with fan – L/hr (gal/hr)	776.0	(205.0)
75% load with fan – L/hr (gal/hr)	624.2	(164.9)
50% load with fan – L/hr (gal/hr)	467.5	(123.5)
25% load with fan – L/hr (gal/hr)	246.4	(65.1)
Cooling System		
Radiator air flow restriction (system) – kPa (in. water)	0.12	(0.48)
Radiator air flow – m^3/min (cfm)	3476	(122753)
Engine coolant capacity – L (gal)	179.0	(47.3)
Radiator coolant capacity – L (gal)	255.0	(67.4)
Total coolant capacity – L (gal)	434.0	(114.7)
Inlet Air		
Combustion air inlet flow rate – m^3/min (cfm)	258.7	(9133.9)
Exhaust System		
Exhaust stack gas temperature – °C (°F)	483.9	(903.0)
Exhaust gas flow rate – m^3/min (cfm)	678.9	(23970.8)
Exhaust system backpressure (maximum allowable) – kPa (in. water)	7.0	(28.1)
Heat Rejection		
Heat rejection to jacket water – kW (Btu/min)	917	(52144)
Heat rejection to exhaust (total) – kW (Btu/min)	3091	(175769)
Heat rejection to aftercooler – kW (Btu/min)	944	(53683)
Heat rejection to atmosphere from engine – kW (Btu/min)	158	(8993)
Heat rejection from alternator – kW (Btu/min)	119	(6739)
Emissions* (Nominal) - Full Load		
NO_x mg/Nm^3 (g/hp-h)	2404.9	(5.13)
CO mg/Nm^3 (g/hp-h)	257.5	(0.55)
HC mg/Nm^3 (g/hp-h)	17.6	(0.04)
PM mg/Nm^3 (g/hp-h)	Not Available	
Emissions* (Potential Site Variation) - Full Load		
NO_x mg/Nm^3 (g/hp-h)	2885.9	(6.15)
CO mg/Nm^3 (g/hp-h)	463.5	(0.99)
HC mg/Nm^3 (g/hp-h)	23.4	(0.06)
PM mg/Nm^3 (g/hp-h)	Not Available	

**mg/Nm^3 levels are corrected to 5% O_2. Contact your local Cat dealer for further information*

3516E Diesel Generator Sets
High Power Density (HPD)
Electric Power

Weights and Dimensions



Rating ekW (kVA)	Dim "A" mm (in)	Dim "B" mm (in)	Dim "C" mm (in)	Dry Weight kg (lb)
3000 (3750)	7678 (302.3)	2874 (113.2)	3639 (143.3)	20 380 (44,930)

Note: *For reference only. Do not use for installation design. Contact your local Cat dealer for precise weights and dimensions.*

Ratings Definitions

Mission Critical
Output available with varying load for the duration of the interruption of the normal source power. Average power output is 85% of the mission critical rated ekW. Typical peak demand up to 100% of rated ekW for up to 5% of the operating time. Typical operation is 200 hours per year, with maximum expected usage of 500 hours per year.

Applicable Codes and Standards
AS 1359, ULC 2200 3rd edition, UL 489, UL 869A, IBC, IEC 60034-1, ISO 3046, ISO 8528, NEMA MG1-22, NEMA MG1-33, 2014/35/EU, 2006/42/EC, 2014/30/EU and facilitates compliance to NFPA 37, NFPA 70, NFPA 99, NFPA 110.

Note: Codes may not be available in all model configurations. Please consult your local Cat dealer for availability.

Data Center Applications
- All ratings Tier III/Tier IV compliant per Uptime Institute requirements.
- All ratings ANSI/TIA-942 compliant for Rated-1 through Rated-4 data centers.

Fuel Rates
Fuel consumption reported in accordance with ISO 3046-1, based on fuel oil of 35º API [16°C (60ºF)] gravity having an LHV of 42,780 kJ/kg (18,390 Btu/lb) when used at 15ºC (59ºF) and weighing 850 g/liter (7.0936 lbs/U.S. gal.) All fuel consumption values refer to rated engine power.

www.cat.com/electricpower

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Materials and specifications are subject to change without notice.
The International System of Units (SI) is used in this publication.

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LEHE22490-00 (02/24)

PERFORMANCE DATA[EM6285]

March 5, 2025

Performance Number: EM6285 **Change Level: 01**

SALES MODEL:	3516E	**COMBUSTION:**	DIRECT INJECTION
BRAND:	CAT	**ENGINE SPEED (RPM):**	1,800
MACHINE SALES MODEL:		**HERTZ:**	60
ENGINE POWER (BHP):	4,393	**FAN POWER (HP):**	154.2
GEN POWER WITH FAN (EKW):	3,000.0	**ASPIRATION:**	TA
COMPRESSION RATIO:	13.9	**AFTERCOOLER TYPE:**	ATAAC
RATING LEVEL:	MISSION CRITICAL STANDBY	**AFTERCOOLER CIRCUIT TYPE:**	JW+OC, ATAAC
PUMP QUANTITY:	1	**INLET MANIFOLD AIR TEMP (F):**	122
FUEL TYPE:	DIESEL	**JACKET WATER TEMP (F):**	219.2
MANIFOLD TYPE:	DRY	**TURBO CONFIGURATION:**	PARALLEL
GOVERNOR TYPE:	ADEM5	**TURBO QUANTITY:**	4
ELECTRONICS TYPE:	ADEM5	**TURBOCHARGER MODEL:**	TPX44-H32-CT70-CA50-TT70-TA80
IGNITION TYPE:	CI	**CERTIFICATION YEAR:**	2022
INJECTOR TYPE:	MEUI-C	**CRANKCASE BLOWBY RATE (FT3/HR):**	4,390.2
FUEL INJECTOR:	5816980	**FUEL RATE (RATED RPM) NO LOAD (GAL/HR):**	17.2
UNIT INJECTOR TIMING (IN):	0.88	**PISTON SPD @ RATED ENG SPD (FT/MIN):**	2,539.4
REF EXH STACK DIAMETER (IN):	12		
MAX OPERATING ALTITUDE (FT):	6,562		

INDUSTRY	SUBINDUSTRY	APPLICATION
ELECTRIC POWER	STANDARD	PACKAGED GENSET

General Performance Data

THE INLET MANIFOLD AIR TEMP LISTED IN THE HEADER, AND IN THE GENERAL PERFORMANCE DATA, IS THE AVERAGE INLET MANIFOLD TEMP FRONT TO REAR ON THE ENGINE.

THIS STANDBY RATING IS FOR A STANDBY ONLY ENGINE ARRANGEMENT. RERATING THE ENGINE TO A STANDARD PRIME OR CONTINUOUS RATING IS NOT PERMITTED.

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	BRAKE MEAN EFF PRES (BMEP)	BRAKE SPEC FUEL CONSUMPTN (BSFC)	ISO BRAKE SPEC FUEL CONSUMPTN (BSFC)	VOL FUEL CONSUMPTN (VFC)	ISO VOL FUEL CONSUMPTN (VFC)	ELEC SPEC FUEL CONSUMPTN (ESFC)	ISO ELEC SPEC FUEL CONSUMPTN (ESFC)
EKW	%	BHP	PSI	LB/BHP-HR	LB/BHP-HR	GAL/HR	GAL/HR	LB/EKW-HR	LB/EKW-HR
3,000.0	100	4,393	406	0.337	0.331	209.0	205.0	0.494	0.485
2,700.0	90	3,976	367	0.340	0.333	190.3	186.7	0.500	0.491
2,400.0	80	3,557	328	0.349	0.343	175.1	171.7	0.517	0.508
2,250.0	75	3,347	309	0.356	0.349	168.1	164.9	0.530	0.520
2,100.0	70	3,137	290	0.362	0.355	160.2	157.1	0.541	0.531
1,800.0	60	2,716	251	0.370	0.363	141.7	139.0	0.559	0.548
1,500.0	50	2,294	212	0.389	0.382	125.9	123.5	0.595	0.584
1,200.0	40	1,872	173	0.406	0.398	107.2	105.2	0.634	0.622
900.0	30	1,449	134	0.401	0.393	81.8	80.3	0.645	0.633
750.0	25	1,236	114	0.381	0.374	66.4	65.1	0.628	0.616
600.0	20	1,022	94	0.392	0.384	56.4	55.4	0.667	0.655
300.0	10	590	55	0.441	0.433	36.7	36.0	0.869	0.852

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	INLET MFLD PRES	INLET MFLD TEMP	EXH MFLD TEMP	EXH MFLD PRES	ENGINE OUTLET TEMP	COMPRESSOR OUTLET PRES	COMPRESSOR OUTLET TEMP
EKW	%	BHP	IN-HG	DEG F	DEG F	IN-HG	DEG F	IN-HG	DEG F
3,000.0	100	4,393	96.6	118.3	1,235.5	64.4	903.0	104	449.1
2,700.0	90	3,976	82.2	119.3	1,247.9	54.4	904.4	90	423.5
2,400.0	80	3,557	74.9	118.9	1,242.3	48.9	913.3	82	403.8
2,250.0	75	3,347	72.1	119.0	1,240.1	46.9	917.3	79	395.9
2,100.0	70	3,137	67.8	119.3	1,240.0	43.8	925.8	74	384.0
1,800.0	60	2,716	56.0	120.2	1,245.9	35.5	953.4	62	348.0
1,500.0	50	2,294	47.1	118.6	1,248.2	29.9	973.6	52	318.8
1,200.0	40	1,872	33.9	114.2	1,255.9	21.9	1,002.7	38	269.7
900.0	30	1,449	16.7	112.4	1,203.6	12.3	984.1	20	191.4
750.0	25	1,236	8.9	110.5	1,091.8	8.1	915.3	11	150.2
600.0	20	1,022	5.8	108.3	1,004.5	6.6	847.7	8	133.3
300.0	10	590	0.9	104.2	780.2	4.2	671.9	3	108.0

General Performance Data (Continued)

GENSET POWER	PERCENT LOAD	ENGINE POWER	WET INLET AIR VOL	ENGINE OUTLET	WET INLET AIR	WET EXH GAS	WET EXH VOL	DRY EXH VOL

PERFORMANCE DATA[EM6285]

March 5, 2025

WITH FAN			FLOW RATE	WET EXH GAS VOL FLOW RATE	MASS FLOW RATE	MASS FLOW RATE	FLOW RATE (32 DEG F AND 29.98 IN HG)	FLOW RATE (32 DEG F AND 29.98 IN HG)
EKW	%	BHP	CFM	CFM	LB/HR	LB/HR	FT3/MIN	FT3/MIN
3,000.0	100	4,393	9,133.9	23,970.8	39,606.0	41,088.7	8,648.8	7,910.2
2,700.0	90	3,976	8,100.8	21,092.6	34,770.1	36,119.8	7,602.8	6,941.1
2,400.0	80	3,557	7,618.2	19,872.8	32,572.6	33,813.7	7,116.5	6,503.0
2,250.0	75	3,347	7,434.9	19,421.7	31,724.7	32,917.4	6,934.8	6,343.9
2,100.0	70	3,137	7,140.4	18,713.3	30,413.9	31,551.3	6,641.0	6,078.0
1,800.0	60	2,716	6,316.6	16,737.0	26,667.4	27,671.7	5,823.4	5,324.6
1,500.0	50	2,294	5,698.5	15,244.3	23,951.1	24,844.2	5,229.6	4,787.6
1,200.0	40	1,872	4,748.1	12,895.5	19,832.8	20,593.5	4,335.7	3,959.7
900.0	30	1,449	3,421.3	9,198.1	14,210.7	14,791.0	3,132.4	2,847.7
750.0	25	1,236	2,813.2	7,143.6	11,655.6	12,126.4	2,554.4	2,323.7
600.0	20	1,022	2,588.4	6,214.7	10,705.5	11,105.8	2,337.3	2,139.1
300.0	10	590	2,189.5	4,545.1	9,126.5	9,387.3	1,974.8	1,838.2

Heat Rejection Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	REJECTION TO JACKET WATER	REJECTION TO ATMOSPHERE	REJECTION TO EXH	EXHAUST RECOVERY TO 350F	FROM OIL COOLER	FROM AFTERCOOLER	WORK ENERGY	LOW HEAT VALUE ENERGY	HIGH HEAT VALUE ENERGY
EKW	%	BHP	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN
3,000.0	100	4,393	52,144	8,993	175,769	96,459	23,854	53,683	186,315	447,861	477,084
2,700.0	90	3,976	48,348	8,755	162,671	85,128	21,755	46,560	168,590	408,442	435,094
2,400.0	80	3,557	45,188	8,663	152,310	80,972	19,852	39,923	150,835	372,717	397,037
2,250.0	75	3,347	43,721	8,625	147,003	79,360	18,929	37,161	141,942	355,388	378,578
2,100.0	70	3,137	42,430	8,593	141,837	77,229	18,002	34,024	133,031	337,986	360,040
1,800.0	60	2,716	40,153	8,591	130,286	71,150	16,087	27,442	115,184	302,034	321,742
1,500.0	50	2,294	37,137	8,662	118,761	66,069	14,137	20,821	97,288	265,422	282,742

Emissions Data

PARTICULATE EMISSIONS WERE NOT MEASURED FOR THIS RATING. PUBLISHED PM DATA IS ESTIMATED FROM MEASURED SMOKE METER DATA.

DIESEL

RATED SPEED NOMINAL DATA: 1800 RPM

GENSET POWER WITH FAN		EKW	3,000.0	2,250.0	1,500.0	750.0	300.0
PERCENT LOAD		%	100	75	50	25	10
ENGINE POWER		BHP	4,393	3,347	2,294	1,236	590
TOTAL NOX (AS NO2)		G/HR	22,368	12,160	6,934	8,735	6,302
TOTAL CO		G/HR	2,399	2,470	1,673	2,077	1,535
TOTAL HC		G/HR	190	142	118	84	160
TOTAL CO2		KG/HR	2,129	1,691	1,268	673	371
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	2,404.9	1,597.8	1,214.4	2,955.6	3,548.5
TOTAL CO	(CORR 5% O2)	MG/NM3	257.5	319.2	290.7	686.3	917.4
TOTAL HC	(CORR 5% O2)	MG/NM3	17.6	16.0	17.7	24.0	84.5
TOTAL NOX (AS NO2)	(CORR 15% O2)	MG/NM3	892.4	592.9	450.6	1,096.7	1,316.7
TOTAL CO	(CORR 15% O2)	MG/NM3	95.6	118.5	107.9	254.7	340.4
TOTAL HC	(CORR 15% O2)	MG/NM3	6.5	5.9	6.6	8.9	31.4
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,171	778	592	1,440	1,728
TOTAL CO	(CORR 5% O2)	PPM	206	255	233	549	734
TOTAL HC	(CORR 5% O2)	PPM	33	30	33	45	158
TOTAL NOX (AS NO2)	(CORR 15% O2)	PPM	435	289	219	534	641
TOTAL CO	(CORR 15% O2)	PPM	76	95	86	204	272
TOTAL HC	(CORR 15% O2)	PPM	12	11	12	17	59
TOTAL NOX (AS NO2)		G/HP-HR	5.13	3.65	3.03	7.07	10.68
TOTAL CO		G/HP-HR	0.55	0.74	0.73	1.68	2.60
TOTAL HC		G/HP-HR	0.04	0.04	0.05	0.07	0.27
TOTAL NOX (AS NO2)		G/KW-HR	6.97	4.96	4.12	9.61	14.53
TOTAL CO		G/KW-HR	0.75	1.01	0.99	2.29	3.54
TOTAL HC		G/KW-HR	0.06	0.06	0.07	0.09	0.37

PERFORMANCE DATA[EM6285]

TOTAL NOX (AS NO2)	LB/HR	49.31	26.81	15.29	19.26	13.89
TOTAL CO	LB/HR	5.29	5.44	3.69	4.58	3.38
TOTAL HC	LB/HR	0.42	0.31	0.26	0.18	0.35
TOTAL CO2	LB/HR	4,694	3,728	2,794	1,484	819
OXYGEN IN EXH	%	9.7	9.4	9.5	8.5	12.0
DRY SMOKE OPACITY	%	2.0	2.6	2.9	4.3	0.2
BOSCH SMOKE NUMBER		0.85	0.96	1.02	1.16	0.70

RATED SPEED POTENTIAL SITE VARIATION: 1800 RPM

GENSET POWER WITH FAN		**EKW**	**3,000.0**	**2,250.0**	**1,500.0**	**750.0**	**300.0**
PERCENT LOAD		**%**	**100**	**75**	**50**	**25**	**10**
ENGINE POWER		**BHP**	**4,393**	**3,347**	**2,294**	**1,236**	**590**
TOTAL NOX (AS NO2)		G/HR	26,841	14,592	8,321	10,482	7,562
TOTAL CO		G/HR	4,319	4,446	3,012	3,738	2,763
TOTAL HC		G/HR	252	188	157	111	213
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	2,885.9	1,917.4	1,457.3	3,546.7	4,258.2
TOTAL CO	(CORR 5% O2)	MG/NM3	463.5	574.6	523.3	1,235.4	1,651.3
TOTAL HC	(CORR 5% O2)	MG/NM3	23.4	21.3	23.6	31.9	112.4
TOTAL NOX (AS NO2)	(CORR 15% O2)	MG/NM3	1,070.9	711.5	540.8	1,316.1	1,580.1
TOTAL CO	(CORR 15% O2)	MG/NM3	172.0	213.2	194.2	458.4	612.8
TOTAL HC	(CORR 15% O2)	MG/NM3	8.7	7.9	8.8	11.8	41.7
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,406	934	710	1,728	2,074
TOTAL CO	(CORR 5% O2)	PPM	371	460	419	988	1,321
TOTAL HC	(CORR 5% O2)	PPM	44	40	44	60	210
TOTAL NOX (AS NO2)	(CORR 15% O2)	PPM	522	347	263	641	770
TOTAL CO	(CORR 15% O2)	PPM	138	171	155	367	490
TOTAL HC	(CORR 15% O2)	PPM	16	15	16	22	78
TOTAL NOX (AS NO2)		G/HP-HR	6.15	4.38	3.64	8.49	12.82
TOTAL CO		G/HP-HR	0.99	1.33	1.32	3.03	4.68
TOTAL HC		G/HP-HR	0.06	0.06	0.07	0.09	0.36
TOTAL NOX (AS NO2)		G/KW-HR	8.36	5.95	4.94	11.54	17.43
TOTAL CO		G/KW-HR	1.35	1.81	1.79	4.11	6.37
TOTAL HC		G/KW-HR	0.08	0.08	0.09	0.12	0.49
TOTAL NOX (AS NO2)		LB/HR	59.17	32.17	18.34	23.11	16.67
TOTAL CO		LB/HR	9.52	9.80	6.64	8.24	6.09
TOTAL HC		LB/HR	0.56	0.42	0.35	0.25	0.47

Regulatory Information

EPA EMERGENCY STATIONARY		**2011 - ----**		
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 60 SUBPART IIII AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE EMERGENCY STATIONARY REGULATIONS.				
Locality	**Agency**	**Regulation**	**Tier/Stage**	**Max Limits - G/BKW - HR**
U.S. (INCL CALIF)	EPA	STATIONARY	EMERGENCY STATIONARY	CO: 3.5 NOx + HC: 6.4 PM: 0.20

Altitude Derate Data

A BLANK IN THE ALTITUDE DERATE TABLE SIGNIFIES THAT NO RATING IS AVAILABLE AT THAT SPECIFIED ALTITUDE AND AMBIENT TEMPERATURE.

THE TEMPERATURES LISTED IN THE CHART ARE AMBIENT TEMPERATURES. THE FOLLOWING DERATE CHART WAS CALCULATED ASSUMING A 5 DEG C RISE IN AIR TEMPERATURE BETWEEN AMBIENT AND THE TURBOCHARGER INLET.

STANDARD

ALTITUDE CORRECTED POWER CAPABILITY (BHP)

AMBIENT OPERATING TEMP (F)	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**	**110**	**120**	**130**	**140**	**NORMAL**
ALTITUDE (FT)													

PERFORMANCE DATA[EM6285]

0	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,393	1,927	4,393
1,000	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,393	1,860	4,393
2,000	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,304		4,393
3,000	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,313	2,786		4,393
4,000	4,393	4,393	4,393	4,393	4,393	4,393	4,393	4,355	4,037	1,625		4,393
5,000	4,393	4,393	4,393	4,393	4,393	4,383	4,334	4,221	3,517			4,393
6,000	4,393	4,393	4,393	4,356	4,307	4,246	4,183	4,064	2,023			4,393
7,000	4,393	4,380	4,306	4,226	4,160	4,072	3,968	3,778				4,378
8,000	4,347	4,247	4,153	4,051	3,974	3,836	3,573	3,093				4,274
9,000	4,203	4,068	3,954	3,831	3,738	3,550	3,208	2,621				4,152
10,000	3,990	3,831	3,691	3,541	3,442	3,250	2,968	2,196				3,986
11,000	3,755	3,560	3,390	3,239	3,162	3,018	2,762	1,678				3,815
12,000	3,413	3,252	3,123	3,015	2,940	2,762	2,300	1,104				3,539
13,000	3,070	2,977	2,897	2,829	2,750	2,477	1,702					3,198
14,000	2,754	2,728	2,691	2,660	2,553	2,240						2,841
15,000	2,454	2,461	2,285	2,143	2,057	1,713						2,523

Cross Reference

Test Spec	Setting	Engine Arrangement	Engineering Model	Engineering Model Version	Start Effective Serial Number	End Effective Serial Number
5958126	LL2386	6143182	PG296	-	ZNL00001	

Supplementary Data

Type	Classification	Performance Number
ALTITUDE DATA	HIGH RESOLUTION	EM5585

Performance Parameter Reference

Parameters Reference:DM9600-15

PERFORMANCE DEFINITIONS

PERFORMANCE DEFINITIONS DM9600
APPLICATION:
Engine performance tolerance values below are representative of a typical production engine tested in a calibrated dynamometer test cell at SAE J1995 standard reference conditions. Caterpillar maintains ISO9001:2000 certified quality management systems for engine test Facilities to assure accurate calibration of test equipment. Engine test data is corrected in accordance with SAE J1995. Additional reference material SAE J1228, J1349, ISO 8665, 3046-1:2002E, 3046-3:1989, 1585, 2534, 2288, and 9249 may apply in part or are similar to SAE J1995. Special engine rating request (SERR) test data shall be noted.
PERFORMANCE PARAMETER TOLERANCE FACTORS:
Power +/- 3%
Torque +/- 3%
Exhaust stack temperature +/- 8%
Inlet airflow +/- 5%
Intake manifold pressure-gage +/- 10%
Exhaust flow +/- 6%
Specific fuel consumption +/- 3%
Specific fuel consumption (C7-C18) +/- 4%
Fuel rate +/- 5%
Specific DEF consumption +/- 3%
DEF rate +/- 5%
Heat rejection +/- 5%
Heat rejection exhaust only +/- 10%
Heat rejection CEM only +/- 10%
Heat Rejection values based on using treated water.
Torque is included for truck and industrial applications, do not use for Gen Set or steady state applications.
On C7 - C18 engines, at speeds of 1100 RPM and under these values are provided for reference only, and may not meet the tolerance listed.
On 3500 and C175 engines, at speeds below Peak Torque these values are provided for reference only, and may not meet the tolerance listed.
These values do not apply to C280/3600. For these models, see the

tolerances listed below.
C280/3600 HEAT REJECTION TOLERANCE FACTORS:
Heat rejection +/- 10%
Heat rejection to Atmosphere +/- 50%
Heat rejection to Lube Oil +/- 20%
Heat rejection to Aftercooler +/- 5%
TEST CELL TRANSDUCER TOLERANCE FACTORS:
Torque +/- 0.5%
Speed +/- 0.2%
Fuel flow +/- 1.0%
Temperature +/- 2.0 C degrees
Intake manifold pressure +/- 0.1 kPa
OBSERVED ENGINE PERFORMANCE IS CORRECTED TO SAE J1995 REFERENCE
AIR AND FUEL CONDITIONS.
REFERENCE ATMOSPHERIC INLET AIR
FOR 3500 ENGINES AND SMALLER
SAE J1228 AUG2002 for marine engines, and J1995 JAN2014 for other engines, reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity at the stated aftercooler water temp, or inlet manifold temp.
FOR 3600 ENGINES
Engine rating obtained and presented in accordance with ISO 3046/1 and SAE J1995 JANJAN2014 reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity and 150M altitude at the stated aftercooler water temperature.
MEASUREMENT LOCATION FOR INLET AIR TEMPERATURE
Location for air temperature measurement air cleaner inlet at stabilized operating conditions.
REFERENCE EXHAUST STACK DIAMETER
The Reference Exhaust Stack Diameter published with this dataset is only used for the calculation of Smoke Opacity values displayed in this dataset. This value does not necessarily represent the actual stack diameter of the engine due to the variety of exhaust stack adapter options available. Consult the price list, engine order or general dimension drawings for the actual stack diameter size ordered or options available.
REFERENCE FUEL
DIESEL
Reference fuel is #2 distillate diesel with a 35API gravity;
A lower heating value is 42,780 KJ/KG (18,390 BTU/LB) when used at 15 deg C (59 deg F), where the density is
850 G/Liter (7.0936 Lbs/Gal).
GAS
Reference natural gas fuel has a lower heating value of 33.74 KJ/L (905 BTU/CU Ft). Low BTU ratings are based on 18.64 KJ/L (500 BTU/CU FT) lower heating value gas. Propane ratings are based on 87.56 KJ/L (2350 BTU/CU Ft) lower heating value gas.
ENGINE POWER (NET) IS THE CORRECTED FLYWHEEL POWER (GROSS) LESS
EXTERNAL AUXILIARY LOAD
Engine corrected gross output includes the power required to drive standard equipment; lube oil, scavenge lube oil, fuel transfer, common rail fuel, separate circuit aftercooler and jacket water pumps. Engine net power available for the external (flywheel) load is calculated by subtracting the sum of auxiliary load from the corrected gross flywheel out put power. Typical auxiliary loads are radiator cooling fans, hydraulic pumps, air compressors and battery charging alternators. For Tier 4 ratings additional Parasitic losses would also include Intake, and Exhaust Restrictions.
ALTITUDE CAPABILITY
Altitude capability is the maximum altitude above sea level at standard temperature and standard pressure at which the engine could develop full rated output power on the current performance data set.
Standard temperature values versus altitude could be seen on TM2001.
When viewing the altitude capability chart the ambient temperature is the inlet air temp at the compressor inlet.
Engines with ADEM MEUI and HEUI fuel systems operating at conditions above the defined altitude capability derate for atmospheric pressure and temperature conditions outside the values defined, see TM2001.
Mechanical governor controlled unit injector engines require a setting change for operation at conditions above the altitude defined on the engine performance sheet. See your Caterpillar technical representative for non standard ratings.
REGULATIONS AND PRODUCT COMPLIANCE
TMI Emissions information is presented at 'nominal' and 'Potential Site Variation' values for standard ratings. No tolerances are applied to the emissions data. These values are subject to change at any time. The controlling federal and local emission requirements need to be verified by your Caterpillar technical representative.
Customer's may have special emission site requirements that need

PERFORMANCE DATA[EM6285]

to be verified by the Caterpillar Product Group engineer.
EMISSION CYCLE LIMITS:
Cycle emissions Max Limits apply to cycle-weighted averages only. Emissions at individual load points may exceed the cycle-weighted limit.
WET & DRY EXHAUST/EMISSIONS DESCRIPTION:
Wet - Total exhaust flow or concentration of total exhaust flow
Dry - Total exhaust flow minus water vapor or concentration of exhaust flow with water vapor excluded
EMISSIONS DEFINITIONS:
Emissions : DM1176
EMISSION CYCLE DEFINITIONS
1. For constant-speed marine engines for ship main propulsion, including,diesel-electric drive, test cycle E2 shall be applied, for controllable-pitch propeller sets
test cycle E2 shall be applied.
2. For propeller-law-operated main and propeller-law-operated auxiliary engines the test cycle E3 shall be applied.
3. For constant-speed auxiliary engines test cycle D2 shall be applied.
4. For variable-speed, variable-load auxiliary engines, not included above, test cycle C1 shall be applied.
HEAT REJECTION DEFINITIONS:
Diesel Circuit Type and HHV Balance : DM9500
HIGH DISPLACEMENT (HD) DEFINITIONS:
3500: EM1500
RATING DEFINITIONS:
Agriculture : TM6008
Fire Pump : TM6009
Generator Set : TM6035
Generator (Gas) : TM6041
Industrial Diesel : TM6010
Industrial (Gas) : TM6040
Irrigation : TM5749
Locomotive : TM6037
Marine Auxiliary : TM6036
Marine Prop (Except 3600) : TM5747
Marine Prop (3600 only) : TM5748
MSHA : TM6042
Oil Field (Petroleum) : TM6011
Off-Highway Truck : TM6039
On-Highway Truck : TM6038
SOUND DEFINITIONS:
Sound Power : DM8702
Sound Pressure : TM7080
Date Released : 03/12/24

Master Scope of Supply

Project Name: PointOne Remington Building 1
Proposal Number: BBC-25-000664
Sales Order: 40942
Customer PO: 425104PAT1-5

Date: 4/4/2025
Revision: 0

MIRATECH Scope of Supply

Model Number	Description	Quantity	
		Per Engine	Total
NR-72-30PF-3	**SCR Housing & Catalyst**	-	-
NR-72-30PF-3-HSG	SCR Housing	1	24
STS-NR-72	SCR Tray Set	2	48
SCRC-044-075-450	SCR Catalyst	144	3456
MS2-30PF-3	**Mixing Section**	1	24
ACIS-3	**SCR Control System**	-	-
A3C-60-HMI	SCR Controller	1	24
CA115	Air Compressor	1	24
VPN115-U	Reactant Pump	1	24
FILTER115	Reactant Filter	1	24
SEN115-U-WT	Dosing Box	1	24
DEN115-600-U	Injector	1	24
TT-14-FLEX60-32-1112	Temperature Sensor	2	48
NP-18	Bypass Probe	2	48
PT-0-40	Differential Pressure Sensor	1	24
NOX-24V	NOx Sensor	2	48
WH-NOX-24V-50-SL	Wiring Harness	2	48
DW550.ht.ins	**Double Wall Reactant Tank, Heat Traced & Insulated**	1	24
TLI	**Reactant Tank Level Indicator**	-	-
US06	Level Transmitter	1	24
LI55	Level Controller	1	24
LM92	Level Controller Enclosure	1	24
IB-NR-72-30PF	**2" Emission Insulation Blanket, Shipped Loose**	1	24
IB-MS2-30PF-3	**2" Emission Insulation Blanket, Shipped Loose**	1	24
Commissioning & Startup	**Commissioning & Startup**	-	1

Customer Equipment Scope of Supply

Description	Item / Set Quantity	
	Per Engine	Total
Exhaust Piping entering/exiting SCR system		
1/2" Reactant Drain Ball Valve	3	72
Expansion Joints		
30" ANSI Flange Hardware and Gasket Set		

Customer Tubing Scope of Supply

Beginning and End Location	Description
Reactant Tank - Reactant Pump Tubing	1/2" Stainless Steel Tubing - 32' Max
Reactant Pump - Reactant Tank Tubing	1/2" Stainless Steel Tubing - 32' Max
Reactant Pump - Dosing Box Tubing	3/8" Stainless Steel Tubing - 164' Max
Reactant Dosing Box - Injector Tubing	3/8" Stainless Steel Tubing - 6.5' Max
Air Compressor - Dosing Box Tubing	1" Stainless Steel Tubing - 65' Max
Air Dosing Box - Injector Tubing	1" Stainless Steel Tubing - 6.5' Max
Pre-DPF - Pressure Sensor Tubing	3/16" Stainless Steel Tubing (2' Min) & 1/4" Polyurethane Tubing
Post-DPF - Pressure Sensor Tubing	3/16" Stainless Steel Tubing (2' Min) & 1/4" Polyurethane Tubing

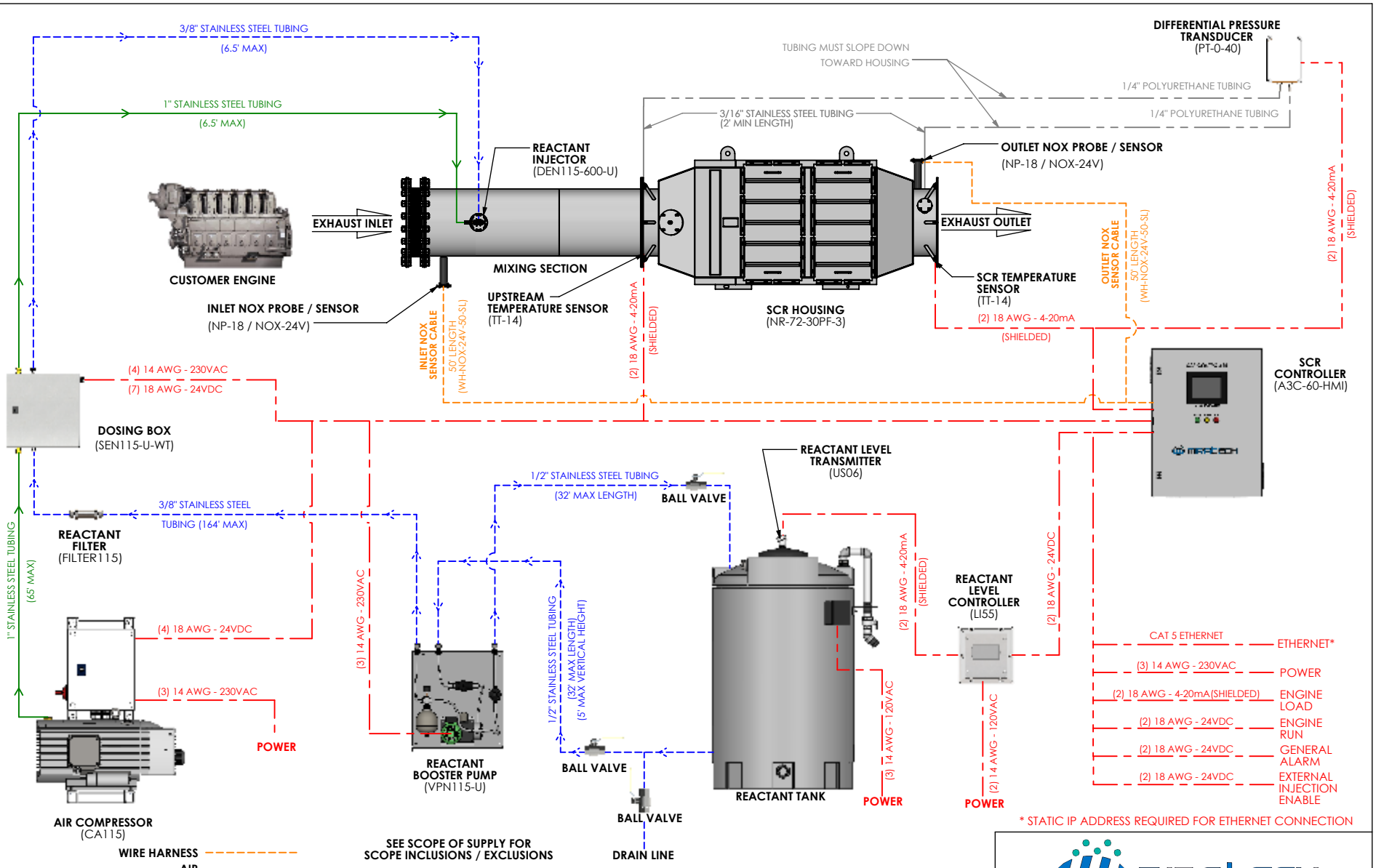
Master Scope of Supply

Project Name: PointOne Remington Building 1
Proposal Number: BBC-25-000664
Sales Order: 40942
Customer PO: 425104PAT1-5

Date: 4/4/2025
Revision: 0

Customer Wiring Scope of Supply
Gauge and Signal Required
14 AWG - 230 VAC
14 AWG - 120 VAC
18 AWG - 24 VDC / 4-20 mA
Shielded - 18 AWG - 24 VDC
CAT 5 Ethernet

Table of Revisions		
Description	**Revision**	**Date**
Original Release	0	4/4/2025



COMPONENT MODELS

- AIR COMPRESSOR - (CA115)
- REACTANT BOOSTER PUMP - (VPN115-U)
- DOSING BOX - (SEN115-U-WT)
- REACTANT INJECTOR - (DEN115-600-U)
- NOx PROBE - (NP-18)

PROJECT NAME	PointOne Remington Building 1
PROPOSAL NUMBER	BBC-25-000664
SALES ORDER NO.	40942
CUSTOMER P.O.	425104PAT1-5

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DO NOT SCALE DRAWING

DRAWN	DWM	DATE	06/28/2022
REVIEWED BY	GEP	DATE	06/28/2022

MIRATECH

SCR ACIS-3 System Interconnect

DRAWING	SCR-ACIS-3 SI	REV	0
SIZE	A	NOT TO SCALE	SHEET 1 OF 1

SCR CONTROLLER - *A3C-60-HMI*



CUSTOMER OUTPUTS

SYSTEM OK NO ALARM (DRY CONTACT)	TB2-5, TB2-6	(2) 18 AWG - 24 VDC	N.O., COM.	GENERAL ALARM (CLOSED CIRCUIT INDICATES NO FAULTS PRESENT)

CUSTOMER SUPPLY

POWER SUPPLY	TB230-1, TB230-2, TB230-3	(3) 14 AWG - 230 VAC	L1, L2/N, PE	230 VAC (+/- 10%) SINGLE Ø, 50-60 Hz 10 AMP
ENGINE RUN SIGNAL	TB1-1, TB1-2	(2) 18 AWG - 24 VDC	N.O., COM.	ENGINE RUN SIGNAL
ISOLATED ENGINE LOAD SIGNAL	TB3-1, TB3-2, SHIELDED	(2) 18 AWG - 4-20mA	+, -	ISOLATED ENGINE LOAD SIGNAL
ETHERNET CONNECTION		CAT 5 ETHERNET CABLE		ETHERNET CONNECTION (STATIC IP REQUIRED)
EXTERNAL INJECTION ENABLED (OPTIONAL)	TB1-11, TB1-12	(2) 18 AWG - 24 VDC	N.O., COM.	EXTERNAL INJECTION ENABLED (OPTIONAL)



REACTANT TANK - *DW550.ht.ins*



POWER SUPPLY (HEAT TRACE)	L1, N, PE	(3) 14 AWG - 120 VAC	L1, N, PE	96 - 265 VAC SINGLE Ø, 50-60 Hz 10 AMP

NOTES:

- ALL SHIELDED CABLE SHOULD BE TWISTED TYPE - MINIMUM 6 TURNS/FOOT
- ALL CABLE RUNS SHOULD BE CLEARLY LABELED AT ORIGIN AND DESTINATION
- WIRE SIZES SHOWN ARE TYPICAL MINIMUM REQUIREMENTS - DEFER TO LOCAL AND/OR NATIONAL CODES FOR FULL REQUIREMENTS

PROJECT NAME	**PointOne Remington Building 1**
PROPOSAL NUMBER	**BBC-25-000664**
SALES ORDER NO.	**40942**
CUSTOMER P.O.	**425104PAT1-5**

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DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGLES MACH: ±2° BEND: ±3° | INCHES: ±1/8 MILLIMETERS: ±3

DO NOT SCALE DRAWING

DRAWN	DWM	DATE	06/28/2022
REVIEWED BY	GEP	DATE	06/28/2022

MIRATECH

ACIS-3
Wiring Interconnect

DRAWING	ACIS-3 WI			REV 0
SIZE A	SCALE 1:1			SHEET 1 OF 3

SCR CONTROLLER - A3C-60-HMI



BOOSTER PUMP POWER SUPPLY	TB230-7, TB230-8, TB230-9	(3) 14 AWG - 230 VAC	X5-1/L, X5-2/N, X5-3/PE
INJECTOR DRIVE	TB230-10, TB230-11, TB230-12, TB230-13	(4) 14 AWG - 230 VAC	X4-1, X4-2, X4-4/N, X4-5/PE
DOSING VALVE	TB2-1, TB2-2	(2) 18 AWG - 24 VDC	X4-10, X4-11
AIR PRESSURE	TB1-3, TB1-4	(2) 18 AWG - 24 VDC	X4-12, X4-13
FLOW METER	TB1-7, TB1-10, TB1-8	(3) 18 AWG - 24 VDC	X4-14, X4-15, X4-16
POWER SUPPLY	TB230-17, TB230-18	(2) 14 AWG - 230 VAC	X4-6, X4-7
COMPRESSOR START	TB2-3, TB2-4	(2) 18 AWG - 24 VDC	X82-1, X82-2
COMPRESSOR SIGNAL	TB1-5, TB1-6	(2) 18 AWG - 24 VDC	X83-1, X83-2

REACTANT BOOSTER PUMP - VPN115-U

BOOSTER PUMP POWER SUPPLY



DOSING BOX - SEN115-U-WT

INJECTOR DRIVE

DOSING VALVE

AIR PRESSURE

FLOW METER

HEATING ELEMENT



AIR COMPRESSOR - CA115

COMPRESSOR START

COMPRESSOR SIGNAL

COMPRESSOR POWER



CUSTOMER SUPPLY



230 VAC (+/- 10%) 60 Hz 1 Ø 10 AMP	L1, L2/N, PE	(3) 14 AWG - 230 VAC	X80-L1, X80-L2/N, X80-PE

NOTES:

- ALL SHIELDED CABLE SHOULD BE TWISTED TYPE - MINIMUM 6 TURNS/FOOT
- ALL CABLE RUNS SHOULD BE CLEARLY LABELED AT ORIGIN AND DESTINATION
- WIRE SIZES SHOWN ARE TYPICAL MINIMUM REQUIREMENTS - DEFER TO LOCAL AND/OR NATIONAL CODES FOR FULL REQUIREMENTS

PROJECT NAME	**PointOne Remington Building 1**
PROPOSAL NUMBER	**BBC-25-000664**
SALES ORDER NO.	**40942**
CUSTOMER P.O.	**425104PAT1-5**

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DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGLES MACH: ±2° BEND: ±3° | INCHES: ±1/8 MILLIMETERS: ±3

DO NOT SCALE DRAWING

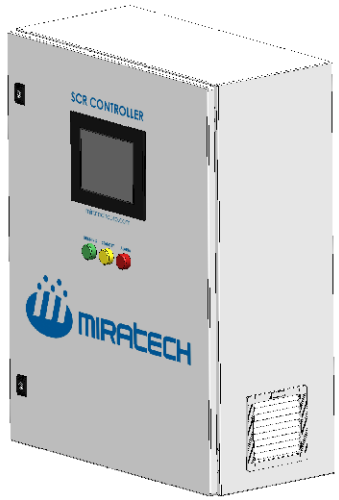
DRAWN	DWM	DATE	06/28/2022
REVIEWED BY	GEP	DATE	06/28/2022

MIRATECH

ACIS-3
Wiring Interconnect

DRAWING	ACIS-3 WI			REV 0
SIZE A	SCALE 1:1			SHEET 2 OF 3

SCR CONTROLLER - A3C-60-HMI



INLET NOx	TB5-1	(5) 18 AWG - 24VDC	1 INLET NOx
	TB5-2		2
	TB5-6		3
	TB5-5		4
	TB5-2		5
	SHIELDED	(WH-NOX-24V-50-SL)	
OUTLET NOx	TB5-3	(5) 18 AWG - 24VDC	1 OUTLET NOx
	TB5-4		2
	TB5-8		3
	TB5-7		4
	(NOT USED)		5
	SHIELDED	(WH-NOX-24V-50-SL)	
DIFFERENTIAL PRESSURE TRANSDUCER	TB3-7	(2) 18 AWG - 4-20mA	+ DIFFERENTIAL PRESSURE TRANSDUCER
	TB3-8		-
	SHIELDED		
UPSTREAM TEMPERATURE SENSOR	TB3-3	(2) 18 AWG - 4-20mA	+ UPSTREAM TEMPERATURE SENSOR
	TB3-4		-
	SHIELDED		
SCR TEMPERATURE SENSOR	TB3-5	(2) 18 AWG - 4-20mA	+ SCR TEMPERATURE SENSOR
	TB3-6		-
	SHIELDED		
REACTANT LEVEL INPUT	TB3-9	(2) 18 AWG - 24VDC	1(C) REACTANT LEVEL RELAY
	TB3-10		3(N.O.)

CUSTOMER SUPPLY

96-265 VAC 50-60 Hz, 1 Ø 5 AMP	L1	BRIDGED - 18 AWG MIN.	2(P-)
			4(COM)
	N	(2) 14 AWG - 120 VAC	1(+) REACTANT LEVEL CONTROLLER POWER
			2(-/N)

REACTANT LEVEL TRANSMITTER - US06



REACTANT LEVEL TRANSMITTER	+	(2) 18 AWG - 4-20mA	1(P+) REACTANT LEVEL INPUT
	-		6(mA+)
	SHIELDED		

INLET NOx SENSOR - NOx-24V

INLET NOx

OUTLET NOx SENSOR - NOx-24V

OUTLET NOx

DIFFERENTIAL PRESSURE TRANSDUCER - PT-0-40

DIFFERENTIAL PRESSURE TRANSDUCER



FOLLOW MANUFACTURER'S INCLUDED INSTRUCTIONS TO SET UP FOR DC INPUT

UPSTREAM TEMPERATURE SENSOR - TT-14-FLEX60-32-1112

UPSTREAM TEMPERATURE SENSOR



SCR TEMPERATURE SENSOR - TT-14-FLEX60-32-1112

SCR TEMPERATURE SENSOR



REACTANT LEVEL CONTROLLER - LI55

REACTANT LEVEL RELAY

REACTANT LEVEL CONTROLLER POWER

REACTANT LEVEL INPUT



NOTES:

- ALL SHIELDED CABLE SHOULD BE TWISTED TYPE - MINIMUM 6 TURNS/FOOT
- ALL CABLE RUNS SHOULD BE CLEARLY LABELED AT ORIGIN AND DESTINATION
- WIRE SIZES SHOWN ARE TYPICAL MINIMUM REQUIREMENTS - DEFER TO LOCAL AND/OR NATIONAL CODES FOR FULL REQUIREMENTS

PROJECT NAME	**PointOne Remington Building 1**
PROPOSAL NUMBER	**BBC-25-000664**
SALES ORDER NO.	**40942**
CUSTOMER P.O.	**425104PAT1-5**

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MIRATECH GROUP, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MIRATECH GROUP, LLC IS PROHIBITED.

DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGLES MACH: ±2° BEND: ±3° | INCHES: ±1/8 MILLIMETERS: ±3

DO NOT SCALE DRAWING

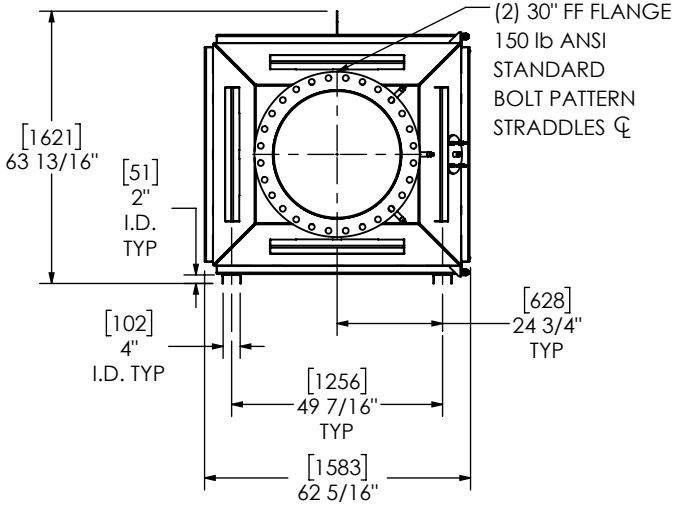
DRAWN	DWM	DATE	06/28/2022
REVIEWED BY	GEP	DATE	06/28/2022

miratech

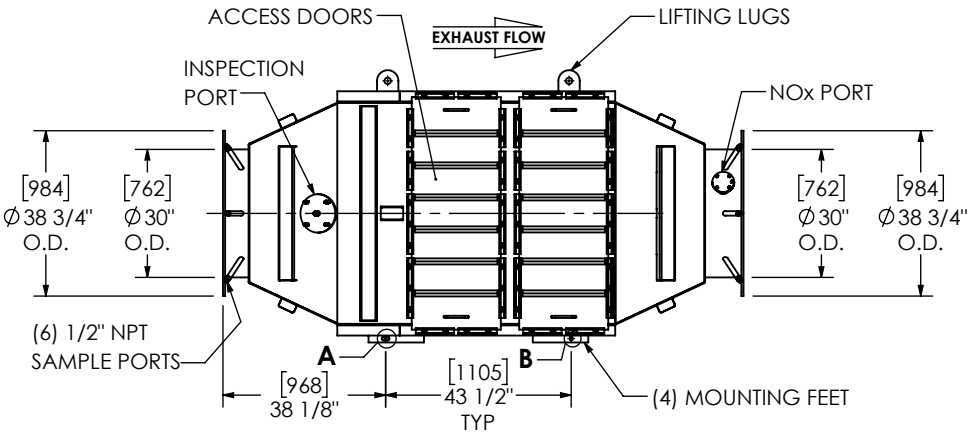
ACIS-3
Wiring Interconnect

DRAWING	ACIS-3 WI			REV 0
SIZE A	SCALE 1:1			SHEET 1 OF 3

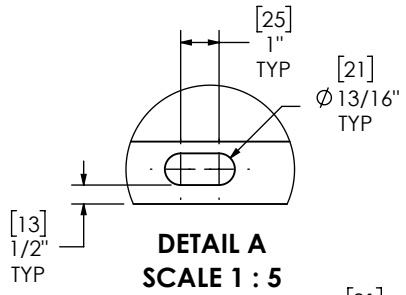
WEIGHTS (APPROXIMATE)	
EMPTY HOUSING	2303 LBS
ONE (1) FULL SCR CATALYST LAYER	1260 LBS
TWO (2) FULL SCR CATALYST LAYERS	2520 LBS
HOUSING HAS CAPACITY FOR TWO (2) FULL SCR CATALYST LAYERS	



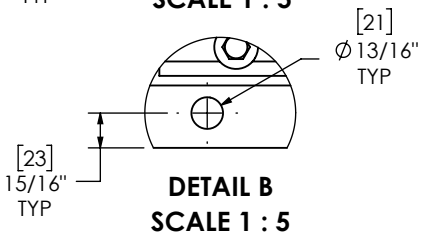
FRONT VIEW



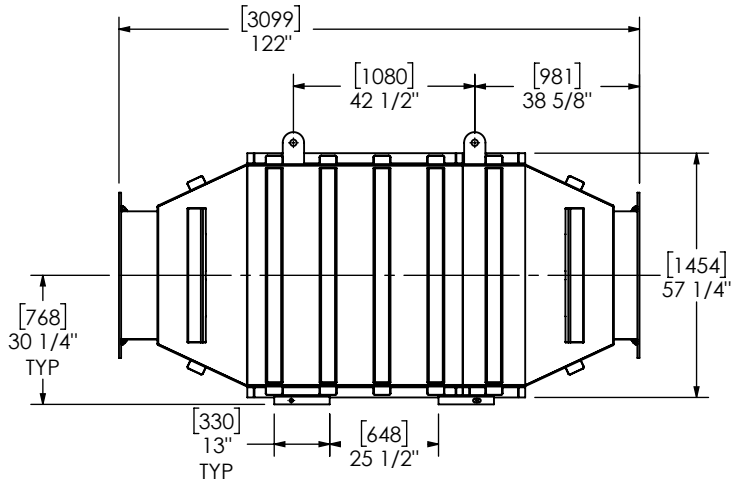
RIGHT VIEW



DETAIL A
SCALE 1 : 5



DETAIL B
SCALE 1 : 5



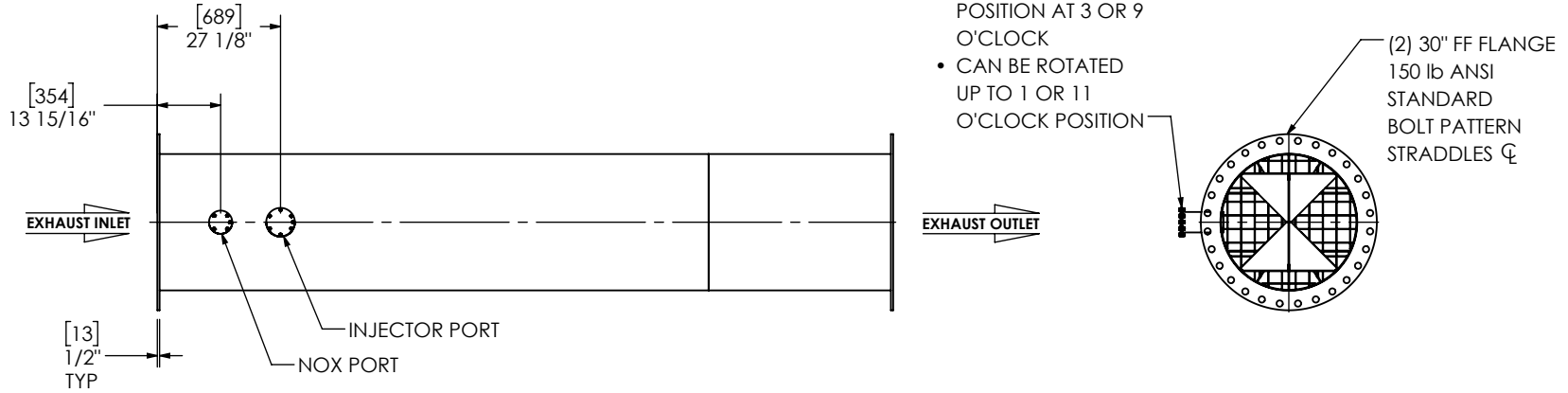
LEFT VIEW

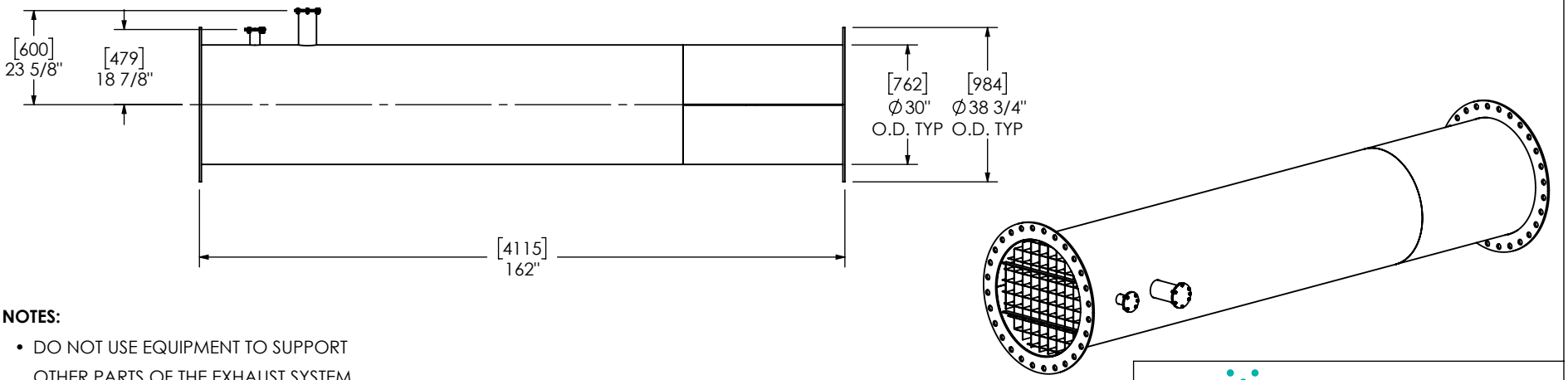
NOTES:
- ONLY USE LIFTING LUGS TO LIFT HOUSING
- ALLOW MINIMUM 63" CLEARANCE FROM DOOR FOR LOADING AND MAINTENANCE
- NO FORCES OR MOMENTS MAY BE APPLIED TO THE FLANGES
- MUST BE MOUNTED HORIZONTALLY (CUSTOM HOUSING REQUIRED TO MOUNT VERTICALLY)

MATERIAL CONSTRUCTION:
- 304 STAINLESS STEEL

PAINT:
- NONE
  (MIRATECH COATING SYSTEM 4)

PROJECT NAME: **PointOne Remington Building 1**	**PROPRIETARY AND CONFIDENTIAL**	DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED	MIRATECH
PROPOSAL NUMBER: **BBC-25-000664**	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MIRATECH GROUP, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MIRATECH GROUP, LLC IS PROHIBITED.	DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED: ANGLES MACH: ±2° BEND: ±3° / INCHES: ±1/8 MILLIMETERS: ±3	**NR-72-30PF-3 Sales Drawing**
SALES ORDER NO.: **40942**		DO NOT SCALE DRAWING	
CUSTOMER P.O.: **425104PAT1-5**		DRAWN: HCC — DATE: 4/7/2025	DRAWING: NR-72-30PF-3 SD — REV: 0
		REVIEWED BY: BHU — DATE: 4/7/2025	SIZE: A — SCALE 1:45 — SHEET 1 OF 1





NOTES:

- DO NOT USE EQUIPMENT TO SUPPORT OTHER PARTS OF THE EXHAUST SYSTEM WITHOUT PROPER REINFORCEMENT

MATERIAL CONSTRUCTION:

- 304 STAINLESS STEEL

PAINT:

- NONE

(MIRATECH COATING SYSTEM 4)

PROJECT NAME: **PointOne Remington Building 1**	**PROPRIETARY AND CONFIDENTIAL**	DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED	MIRATECH
PROPOSAL NUMBER: **BBC-25-000664**	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MIRATECH GROUP, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MIRATECH GROUP, LLC IS PROHIBITED.	DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED ANGLES MACH: ±2° BEND: ±3° INCHES: ±1/8 MILLIMETERS: ±3	**MS2-30PF-3 Sales Drawing**
SALES ORDER NO.: **40942**		DO NOT SCALE DRAWING	DRAWING: MS2-30PF-3 SD REV: 0
CUSTOMER P.O.: **425104PAT1-5**		DRAWN: GSR DATE: 06/26/2023	
		REVIEWED BY: JDS DATE: 06/26/2023	SIZE: A SCALE: 1:40 WEIGHT: 898 lb SHEET 1 OF 1

Pre-Commissioning Checklist for SCR Equipment

Project Name: PointOne Remington Building 1
Customer Name: Carter Machinery Co.
Converter Model: NR-72-30PF-3
Control System: ACIS-3

Date: 4/4/2025
Project Location: VA

MIRATECH	Customer	
☐	☐	Installation of converter, mixing section, control equipment and exhaust piping is complete per the supplied project drawings.
☐	☐	Installation of any heat recovery or co-generation devices is complete and is operational.
☐	☐	All wiring, including, power, load signal, run signal, and interconnects are complete per project wiring diagram.
☐	☐	All wiring and devices should be away from heat sources and accessible while the engine is in operation.
☐	☐	Isolated load signal has been verified at SCR Control Equipment
☐	☐	Run signal has been verified at SCR control equipment
☐	☐	Voltage to SCR Controller and equipment is per the ACIS-3 wiring interconnect.
☐	☐	If SCR Controller is located in enclosure the enclosure is temperature controller not to exceed 122° F and is well ventilated.
☐	☐	Engine has been successfully operated and untreated emissions have been confirmed with a calibrated analyzer to be within guaranteed levels at full and minimum load conditions.
☐	☐	The genset has the ability to operate at various loads including minimum load and 100% manufactured stated full load. If 100% manufactured stated load is not possible a load bank must be provided at time of commissioning.
☐	☐	All tubing associated with the SCR system (urea supply, urea return, air injection, urea injection, and exhaust gas sample if required) are properly installed per the project piping diagram and free of debris.
☐	☐	Urea in accordance with the MIRATECH Specification is on site and has been supplied and tested by an approved vendor. Attach copy of the urea analysis.
☐	☐	Engine is available to be out of operation for 24 hours prior to entering the converter housing and for 8 hours during the catalyst loading process.
☐	☐	All equipment and labor required for handling catalyst during the catalyst loading process has been coordinated with MIRATECH Technical Services Department, will be on site, and available for use.
☐	☐	Safety alarms, annunciation, and engine shutdown sequence are programmed and tested.
☐	☐	Engine and qualified operator will be made available to MIRATECH Technical Service personnel and will be available to be locked at various loads upon request.

Customer Signature Date

MIRATECH Representative Date

Company Name

Water Quality

The water quality of urea or ammonia solutions for SCR units is critical for the overall performance. Solid and solubilized substances contained in water create particles that can clog the honeycombs or injector, reducing life and performance. The increased number of particles also increases the cleaning frequency of the system components. Furthermore, these particles are commonly composed of known catalyst poisons, which can reduce catalyst performance.

The recommended specifications to minimize catalyst clogging and poisoning from substances coming from the water are:

- Utilization of demineralized water for urea or ammonia solutions. This can be done by reverse osmosis or by utilizing ion exchange cartridges.
- Salt should be minimized because it can create solid deposits. Salt content of the water should be below 0.005 lb/gal

Caution: Water softening cartridges (Ca- and Mg- Ion exchangers) cannot be utilized. These cartridges cannot remove evaporation residues, or remove them only in part. These cartridges use Na as an exchange ion for Ca and Mg.

Urea Quality

Chemical Names: Urea, Carbonyldiamide, Carbamide
Molecular Formula: $(H_2N)_2CO$
Molecular Weight: 60.06

The urea used in the SCR injection solution should be commercial or technical grade (99.45% pure). A typical solution consists of 32.5 wt% or 40 wt% urea. This can be obtained from mixing urea granulates and water or purchased in a solution form. The urea consumption of an SCR system will vary depending on the urea concentration used. It is important to check the SCR system proposal to ensure that the correct urea concentration is used for the design of the system. As urea dissolves it absorbs heat from the solution which can make it dissolve slowly. If mixing the urea solution, hot water is recommended to decrease the dissolving time, or an immersion heater should be added to the tank.

Storage and Safety

32.5% and 40% urea solutions can begin to stratify or form precipitates when temperatures fall below 32 F. This can cause the urea concentration to be inconsistent in the tank or could result in solid deposits on the bottom of the tank. For this reason it is recommended to keep the urea solution above freezing temperatures. Because of the risks of chemical reactions, urea must be kept away from nitrates and substances that contain nitrites. They must also be transported in separate containers. Urea is not classified as a dangerous substance, but should be stored carefully because of small concentration of ammonia vapors on the surface of urea solutions.

Chemical Analysis of Commercial/Technical Grade Urea

	Value
Specific Weight (at 68 °F)	69.4 lb/ft^3
Biuret	< 0.30 wt%
Aldehyde	< 5 ppm
Insoluble	< 20 ppm
Phosphate	< 0.5 ppm
Calcium	< 0.5 ppm
Iron	< 0.5 ppm
Copper	< 0.2 ppm
Zinc	< 0.2 ppm
Chromium	< 0.2 ppm
Nickel	< 0.2 ppm
Aluminum	< 0.5 ppm
Magnesium	< 0.5 ppm
Sodium	< 0.5 ppm
Potassium	< 0.5 ppm

Limits of poisonous substances for SCR catalysts

Element	Symbol	Max concentration in fuel			Effect	
		Liquid bio-fuels[05]	Liquid fossil fuels	Gaseous fuels	SCR	Oxi/ Filter
		[mg/kg] (elementary)				
Aluminium	Al	0.5	0.5	0.5	02	02
Antimony	Sb	0.5	0.5	0.5	02	02
Arsenic	As	1	0.2	0.2	04	02
Lead	Pb	0.5	0.5	0.5	03	04
Boron	B	0.5	0.5	0.5	02	02
Bromine	Br	1	1	1	02	02
Cadmium	Cd	1	05	0.5	02	04
Calcium	Ca	12	5	5	02	02
Chlorine	Cl	1	5	5	03	02
Chromium	Cr	0.5	0.5	0.5	02	02
Iron	Fe	15	0.5	0.5	03	02
Fluorine	F	1	0.5	0.5	03	02
Iodine	J	1	1	1	03	02
Potassium	K	5	1	1	04	02
Cobalt	Co	0.5	0.5	0.5	02	02
Copper	Cu	0.5	0.5	0.5	02	02
Lithium	Li	0.5	0.5	0.5	02	02
Magnesium	Mg	12	5	5	02	02
Manganese	Mn	0.5	0.5	0.5	02	02
Molybdenum	Mo	0.5	0.5	0.5	02	02
Sodium	Na	8	5	5	03	02
Nickel	Ni	0.5	0.5	0.5	03	02
Phosphorous	P	16	5	5	04	02
Mercury	Hg	0.5	0.5	0.5	04	04
Sulfur	S	20	15'000 [06]	20	01	03
Selenium	Se	0.5	0.5	0.5	02	02
Silicon organic	Si	0.5	0.5	0.5	03	03
Silicon inorganic	Si	15	15	15	02	02
Tin	Sn	0.5	0.5	0.5	02	03
Vanadium	V	1	15'000 [07]	1	01	04
Zinc	Zn	0.5	0.5	0.5	03	03

01 *Positive effect*
02 *Lightly harmful*
03 *harmful*
04 *strongly harmful*
05 → *Limitations*
06 → *Limitations*
07 → *Limitations*

The limits of catalyst poisons in the exhaust gas can be calculated as follows ($\lambda \cong 2$):

$$\frac{\text{Limit in fuel [mg/kg]}}{30} = \text{Limit in exhaust gas [mg/kg]}$$

In the exhaust gas there are also the poisons that originate in the lube oil. According to our experience the common, approved lube oils do not harm our catalyst. Exceptions see "Guidelines to catalyst lifetime"

The reactant that is used for the SCR reaction has to be free of catalyst poisons, see also C.00214 "Reactant specifications"

Limitations:

05 Phosphorous

Fuel	Phosphorous-content	Limitations
Bio fuel	P ≤ 16 mg/kg	• SCR volume needs to be adapted (→ layout rules for SCR catalyst)

06 Sulphur

Fuel	Sulphur content	Limitations
Light fuel oil (Diesel)	S ≤ 0,1%	• No Limitations
Marine fuel oil MDO	S > 0,1%	• No precious metal oxidation catalyst (Pt, Pd)
Heavy fuel oil HFO	S ≥ 0,5%	• No Oxidation catalysts • Dust blowers for all catalyst layers
Heavy fuel oil HFO	S ≥1,5%	• Special case, requires detailed analysis

07 Vanadium

Fuel	Vanadium content	Limitations
all	V > 1 mg/kg	• No Oxidation catalysts

Application & Performance Warranty Data

Project Information

Site Location:	VA
Project Name:	PointOne Remington D3516E 3MW
Application:	Standby Power
Number Of Engines:	24
Operating Hours per Year:	200

Engine Specifications

Engine Manufacturer:	CAT
Model Number:	D3516E
Rated Speed:	1800 RPM
Type of Fuel:	Ultra-Low Sulfur Diesel (ULSD)
Type of Lube Oil:	1 wt% sulfated ash or less
Lube Oil Consumption:	0.1 % Fuel Consumption
Number of Exhaust Manifolds:	2

Engine Cycle Data

Load	Speed	Power	Exhaust Flow	Exhaust Temp.	Fuel Cons.	NO_x	O_2	H_2O
%		*bhp*	*acfm (cfm)*	*° F*		*g/bhp-hr*	*%*	*%*
100	Rated	4,393	23,971	903		6.15	9.7	12.5

Emission Data (100% Load)

Emission	Raw Engine Emissions						Target Outlet Emissions						Calculated Reduction
	g/bhp-hr	*tons/yr*	*ppmvd @ 15% O_2*	*ppmvd*	*g/kW-hr*	*lb/MW-hr*	*g/bhp-hr*	*tons/yr*	*ppmvd @ 15% O_2*	*ppmvd*	*g/kW-hr*	*lb/MW-hr*	
NO_x*	6.15	5.96	539	1,023	8.247	18.18	0.62	0.6	54	102	0.825	1.82	90%
NH_3							0.04	0.04	10	19	0.057	0.12	

System Specifications

SCR System Specifications (NR-72-30PF-3, ACIS-3, DW550.ht.ins, TLI, Commissioning & Startup, MS2-30PF-3, IB-NR-72-30PF, IB-MS2-30PF-3)

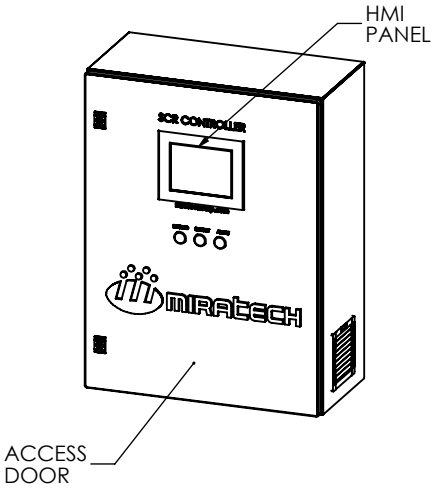
SCR Catalyst Space Velocity:	10,639 1/hr
Sound Attenuation:	25-30 dBA insertion loss
Reactant:	Urea
Percent Concentration:	32.5%
Design Exhaust Flow Rate:	23,971 acfm (cfm)
Design Exhaust Temperature[1]:	903° F
Exhaust Temperature Limits:	572° F – 977° F
SCR Catalyst Volume:	52 ft³
System Dosing Capacity:	115 L/hr
System Pressure Loss:	7.0 inH_2O (Clean)
Total Catalyst Volume:	52 ft³
Estimated Reactant Consumption:	15.5 gal/hr (59 L/hr) / Per Engine

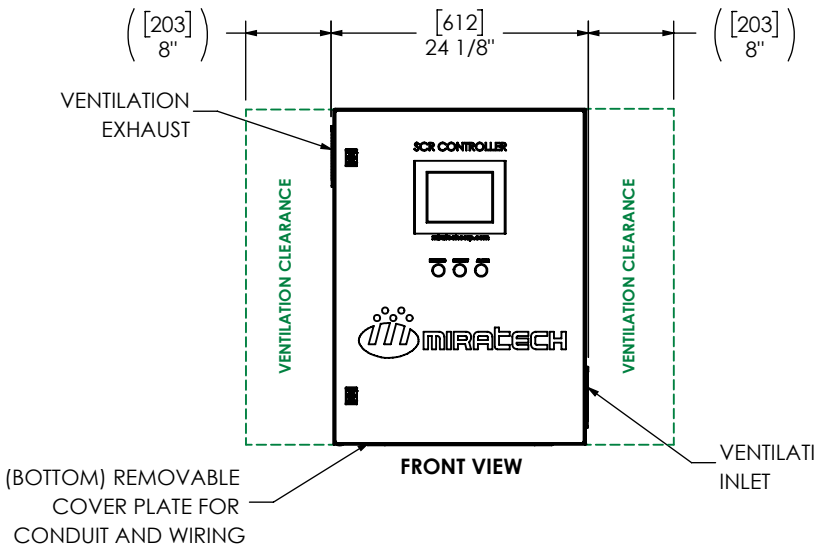
* MW referenced as NO_2

Special Notes & Conditions

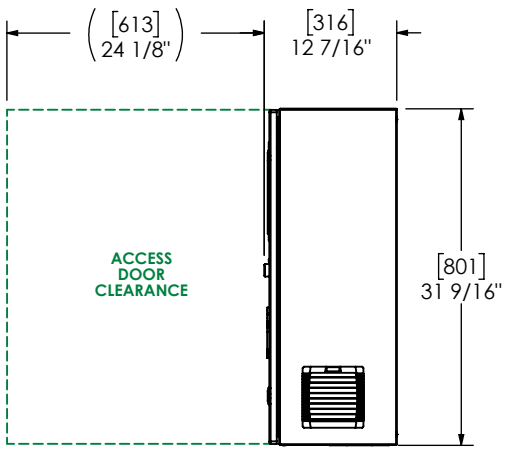
1. Carbon steel is suitable for temperatures up to 900° F / 482° C continuously, when covered with external insulation or a heat shield. For continuous operation above 900° F / 482° C, where the equipment is externally insulated or has a heat shield, stainless steel should be used.

- A packed silencer installed upstream of the MIRATECH catalyst system will void MIRATECH's limited warranty.
- No CO target was specified by you, our customer. We want to make sure you know there will be a slight CO increase across the SCR catalyst which needs to be taken into consideration, through your permit or by including a CO target. Oxidation catalyst will be required to maintain your current raw CO value. The oxidation catalyst is NOT included in this submittal.
- Any sound attenuation listed is based on housing with catalyst elements installed.
- Any emission reductions listed are based on housing with catalyst elements installed.

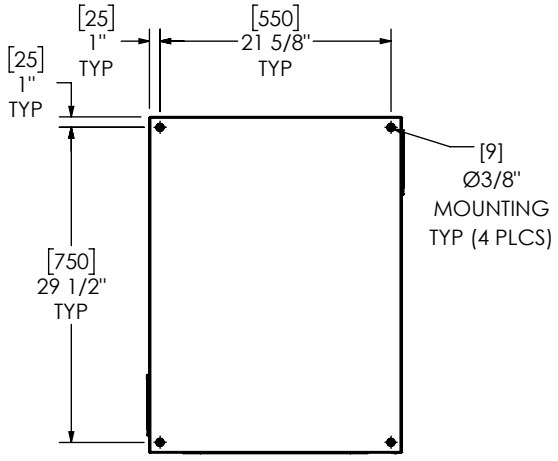




FRONT VIEW



RIGHT VIEW



BACK VIEW

NOTES:

- POWER CONSUMPTION: 300 W MAX
- VOLTAGE: 230 VAC +/- 10%, SINGLE Φ, 50 - 60 HZ
- CURRENT DRAW: 1.5 A
- POWER CONSUMPTION OF THE REACTANT BOOSTER PUMP AND DOSING PANEL ARE SUPPLIED USING THE SAME CIRCUIT AS THE OLC; REFERENCE THESE DRAWINGS FOR THEIR ADDED POWER CONSUMPTION
- OPERATING TEMPERATURE: 32°F - 122°F (0°C - 50°C) (NON-CONDENSING)
- UL COMPLIANT

INSTALLATION INSTRUCTIONS:

- ENCLOSURE RATED IP55 (NEMA 12 EQUIVALENT)
- INSTALLATION LOCATION MUST BE VENTILATED AND TEMPERATURE CONTROLLED TO MAINTAIN PROPER OPERATING TEMPERATURE.
- UNIT MAY BE WALL MOUNTED OR INSTALLED ON A BASE
- POWDER COATED GRAY

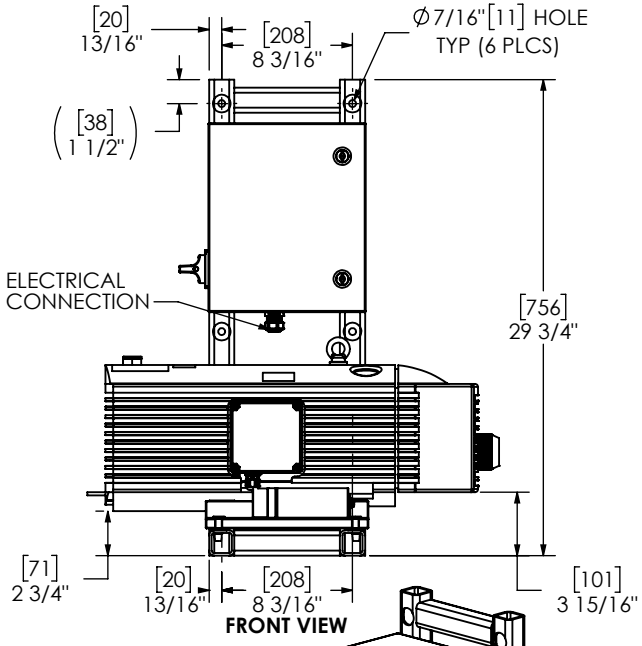
PROJECT NAME: **PointOne Remington Building 1**	**PROPRIETARY AND CONFIDENTIAL**	DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED
PROPOSAL NUMBER: **BBC-25-000664**	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MIRATECH GROUP, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MIRATECH GROUP, LLC IS PROHIBITED.	DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED ANGLES MACH: ±2° BEND: ±3° INCHES: ±0.125 MILLIMETERS: ±3 DO NOT SCALE DRAWING
SALES ORDER NO.: **40942**		DRAWN: TES — DATE: 05/18/2022
CUSTOMER P.O.: **425104PAT1-5**		REVIEWED BY: GFS — DATE: 05/18/2022

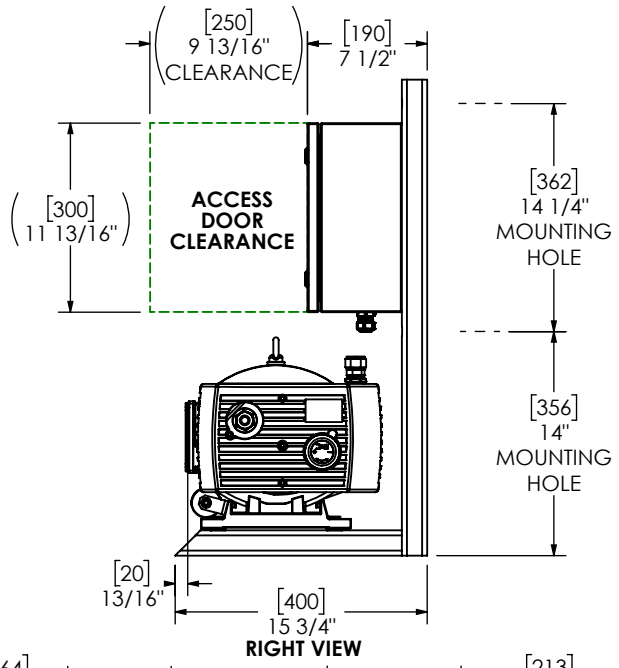
MIRATECH

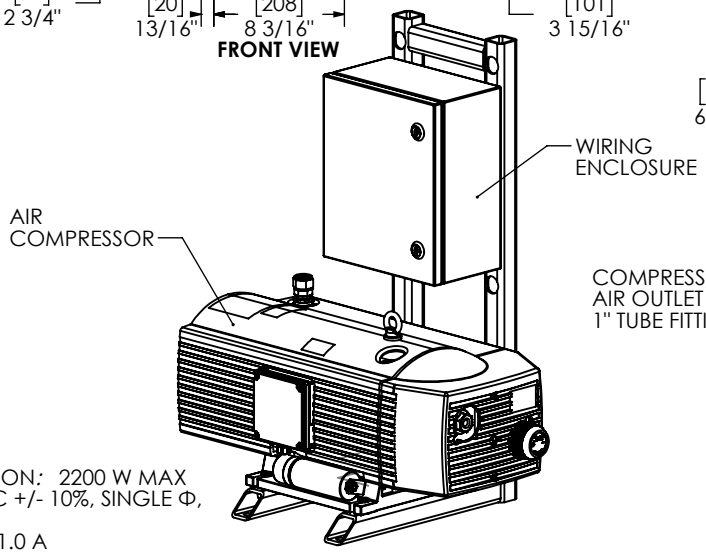
A3C-60-HMI Controller Submittal Drawing

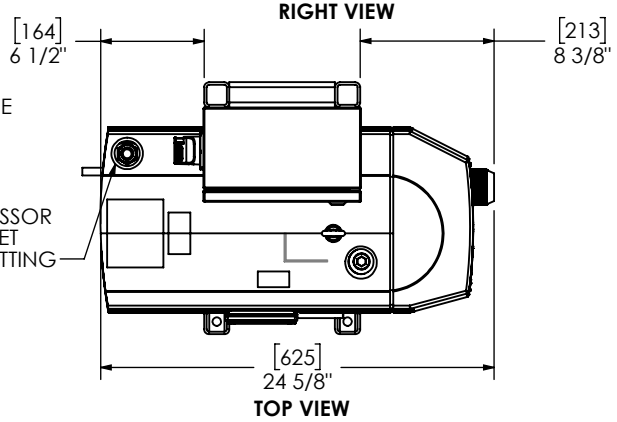
DRAWING	REV
A3C-60-HMI SD	0

SIZE	SCALE	WEIGHT	SHEET
A	SCALE 1:18	WEIGHT: 76lb	SHEET 1 OF 1









NOTES:

- POWER CONSUMPTION: 2200 W MAX
- VOLTAGE: 230 VAC +/- 10%, SINGLE Φ, 60 Hz
- CURRENT DRAW: 11.0 A
- OPERATION TEMPERATURE: 32°F - 104°F (0°C - 40°C) (NON-CONDENSING)

INSTALLATION INSTRUCTIONS:

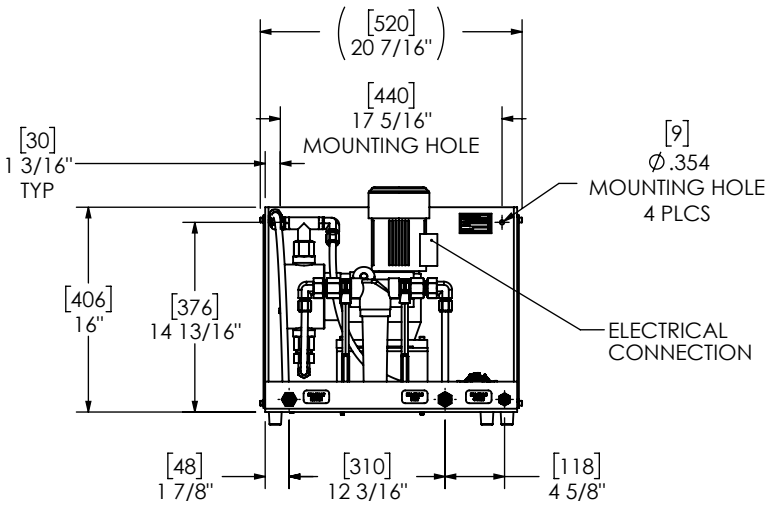
- INDOOR INSTALLATION ONLY
- IF UNIT IS INSTALLED IN AN ENCLOSURE, THE ENCLOSURE MUST BE VENTILATED AND TEMPERATURE CONTROLLED TO MAINTAIN PROPER OPERATION TEMPERATURE
- POWDER COATED GRAY

PROJECT NAME: **PointOne Remington Building 1**	**PROPRIETARY AND CONFIDENTIAL**	DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED
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SALES ORDER NO.: **40942**		DRAWN: MSC — DATE: 08/27/2014
CUSTOMER P.O.: **425104PAT1-5**		REVIEWED BY: CDT — DATE: 08/27/2014

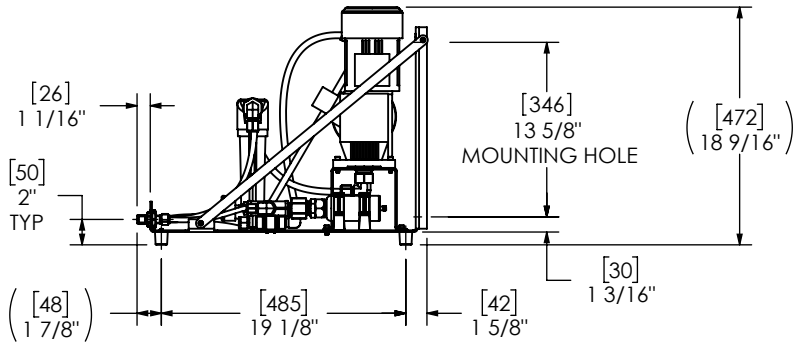
MIRATECH

CA115 Air Compressor Submittal Drawing

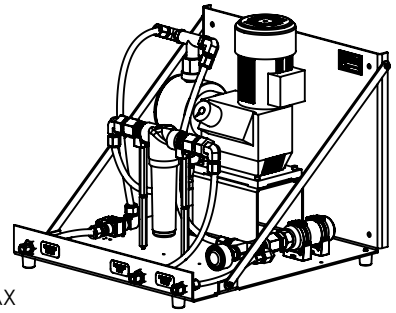
DRAWING	REV	SIZE	SCALE	WEIGHT	SHEET
CA115 SD	0	A	1:15	152 lb	1 OF 1

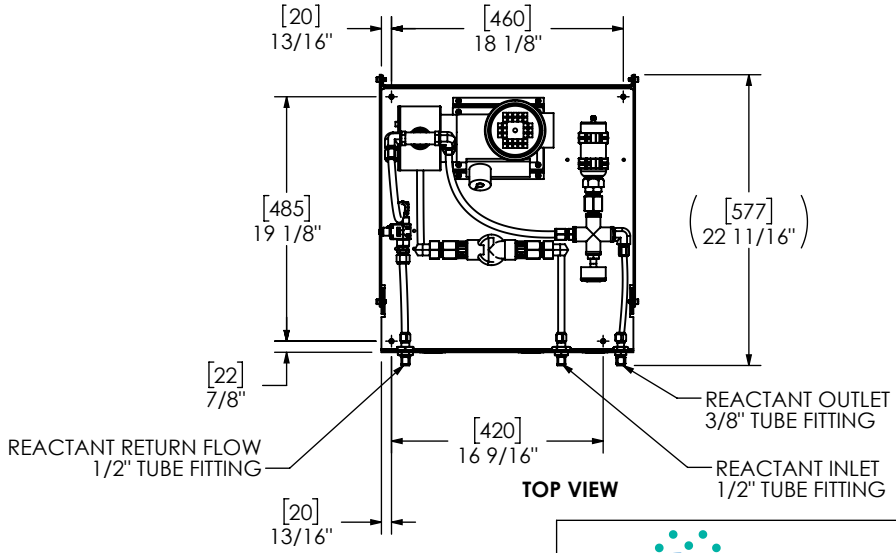


FRONT VIEW



RIGHT VIEW





TOP VIEW

NOTES:

- POWER CONSUMPTION: 250 W MAX SUPPLIED BY SCR CONTROLLER
- OPERATION TEMPERATURE: 40°F - 104°F (5°C - 40°C) (NON-CONDENSING)

INSTALLATION INSTRUCTIONS:

- INDOOR INSTALLATION ONLY
- IF UNIT IS INSTALLED IN AN ENCLOSURE, THE ENCLOSURE MUST BE VENTILATED AND TEMPERATURE CONTROLLED TO MAINTAIN PROPER OPERATION TEMPERATURE
- UNIT TO BE MOUNTED SO THAT THE MAXIMUM SUCTION HEIGHT IS LESS THAN 5 FEET
- UREA LINES SHOULD BE HEAT TRACED IF AMBIENT CONDITIONS FALL BELOW 40° F (5°C)
- POWDER COATED GRAY

PROJECT NAME	**PointOne Remington Building 1**
PROPOSAL NUMBER	**BBC-25-000664**
SALES ORDER NO.	**40942**
CUSTOMER P.O.	**425104PAT1-5**

PROPRIETARY AND CONFIDENTIAL

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DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGLES MACH: ±2° BEND: ±3° | INCHES: ±1/8 MILLIMETERS: ±3

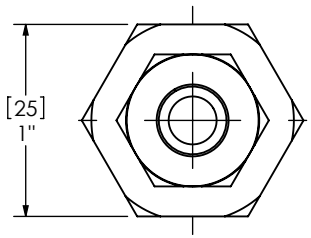
DO NOT SCALE DRAWING

DRAWN	CSF	DATE	07/06/2016
REVIEWED BY	OAJ	DATE	07/06/2016

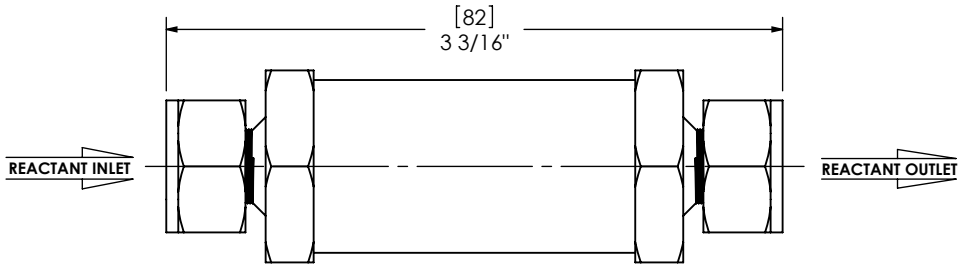
MIRATECH

VPN115-U Booster Pump Submittal Drawing

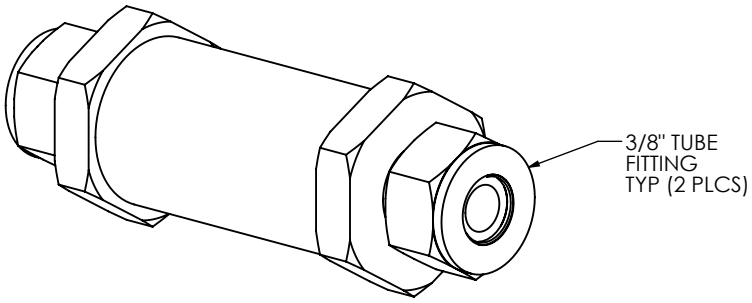
DRAWING	VPN115-U SD			REV 0
SIZE A	SCALE 1:15	WEIGHT: 88 lb		SHEET 1 OF 1



FRONT VIEW



RIGHT VIEW



INSTALLATION INSTRUCTIONS:

- TO BE INSTALLED ON REACTANT LINE DIRECTLY UPSTREAM OF DOSING BOX. THIS IS FOR COMMISSIONING PURPOSES TO ASSURE NO DEBRIS FROM THE REACTANT LINES CLOG THE DOSING VALVE

PROJECT NAME	PointOne Remington Building 1
PROPOSAL NUMBER	BBC-25-000664
SALES ORDER NO.	40942
CUSTOMER P.O.	425104PAT1-5

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DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGLES MACH: ±2° BEND: ±3° | INCHES: ±1/8 MILLIMETERS: ±3

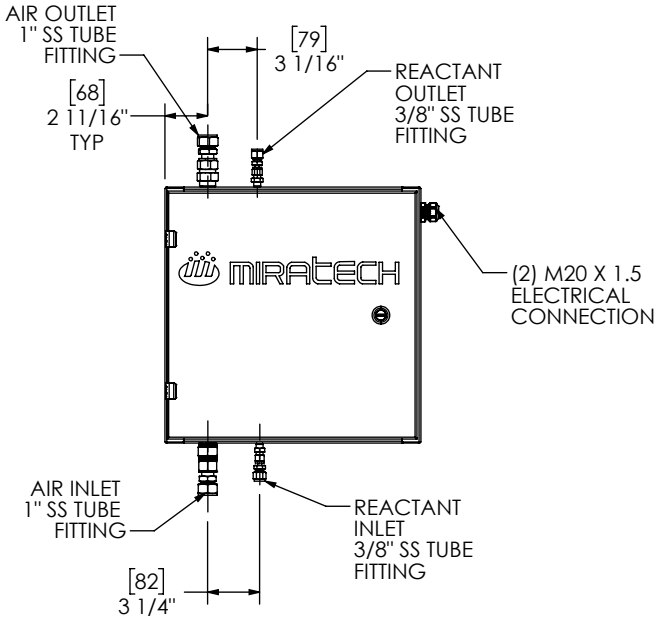
DO NOT SCALE DRAWING

DRAWN	JCU	DATE	9/25/2009
REVIEWED BY	JWS	DATE	9/25/2009

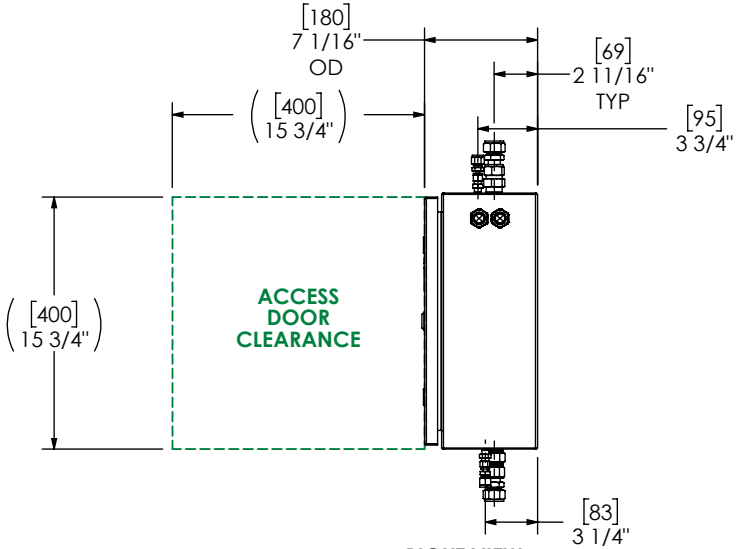
MIRATECH

FILTER115 Reactant Filter Submittal Drawing

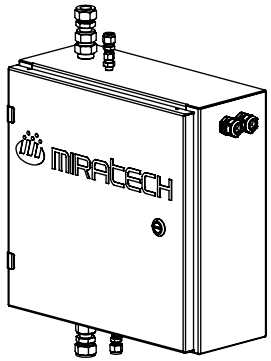
DRAWING	FILTER115 SD		REV 0
SIZE A	SCALE 1:1	WEIGHT: 1 lb	SHEET 1 OF 1

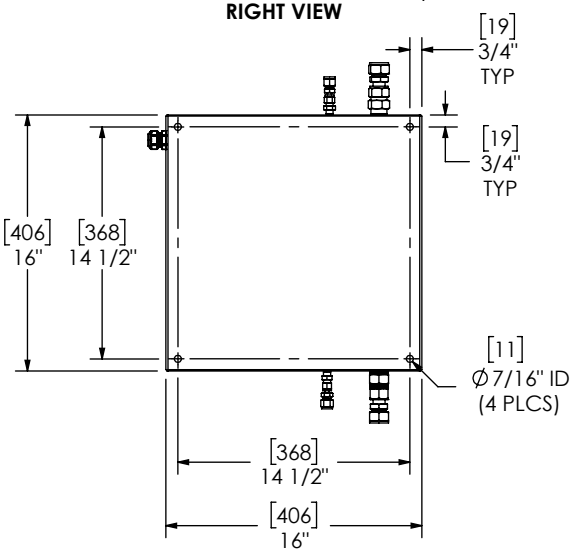


FRONT VIEW



RIGHT VIEW





REAR VIEW

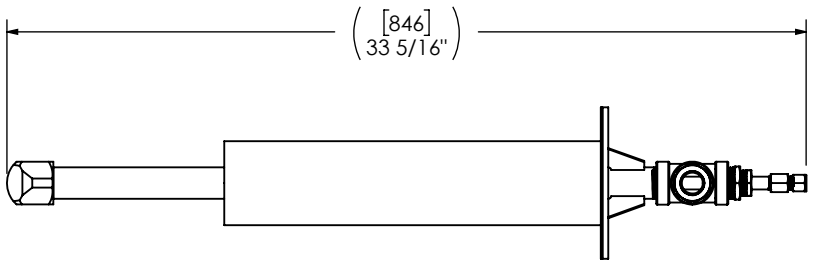
NOTES:

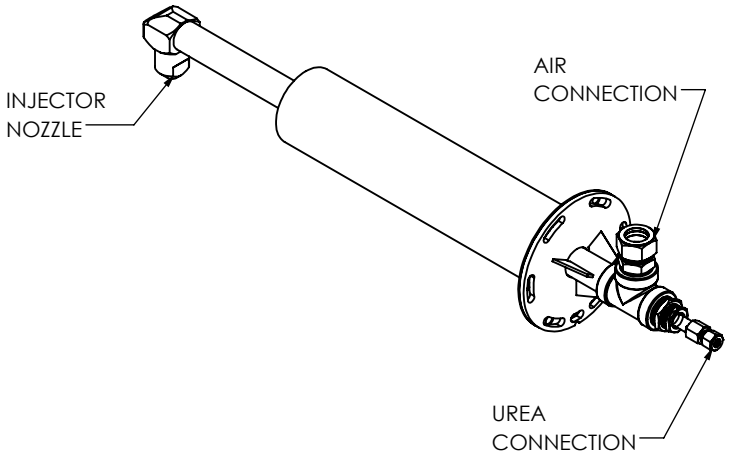
- POWER CONSUMPTION: 25.75 W MAX
- POWER: SUPPLIED FROM SCR CONTROLLER
- OPERATION TEMPERATURE: 14-122°F (-10-50°C)
- OPERATING PRESSURE:
  - REACTANT: 3 BAR (43.5 PSI)
  - AIR: 1 BAR (14.5 PSI)
- SUITABLE FOR INDOOR/OUTDOOR USE PER IP55 RATING
- OPERATING FLOW RATE:
  - REACTANT: 115 L/HR MAX (30.4 GAL/HR)
  - AIR: 800 L/MIN (28.2 CFM)

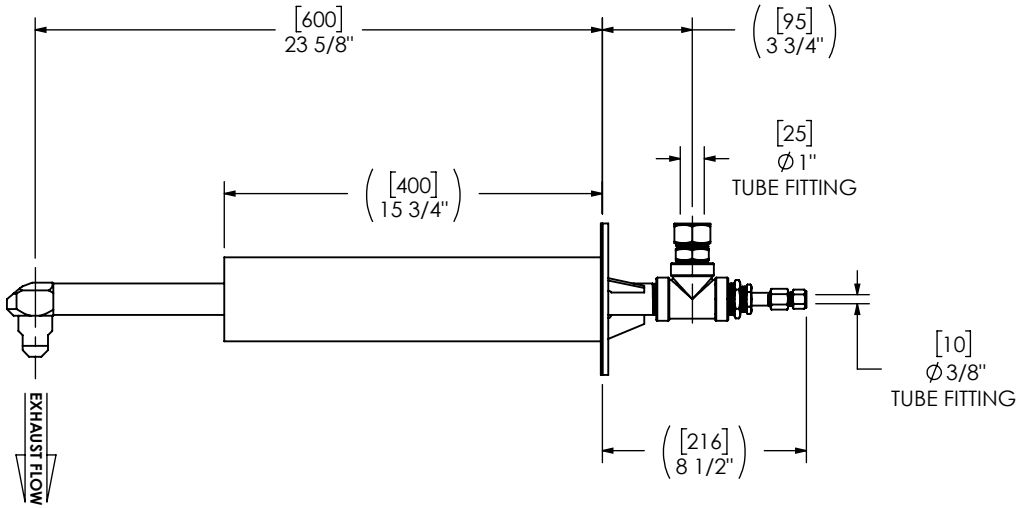
INSTALLATION INSTRUCTIONS:

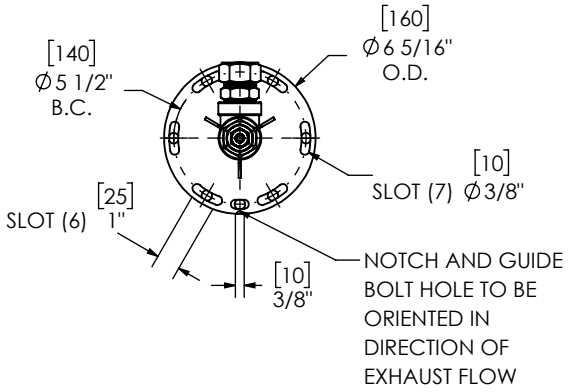
- IF UNIT IS INSTALLED IN AN ENCLOSURE, THE ENCLOSURE MUST BE VENTILATED AND TEMPERATURE CONTROLLED TO MAINTAIN PROPER OPERATION TEMPERATURE.
- UNIT TO BE MOUNTED SO THAT IT IS ACCESSIBLE WHILE ENGINE IS IN OPERATION AND TUBING IS NO MORE THAN 6.5 FEET (2 M) TO DOSING INJECTOR.
- UREA LINES SHOULD BE HEAT TRACED IF AMBIENT CONDITIONS FALL BELOW 32°F (0°C)

PROJECT NAME: **PointOne Remington Building 1**	**PROPRIETARY AND CONFIDENTIAL**	DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED	MIRATECH
PROPOSAL NUMBER: **BBC-25-000664**	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MIRATECH GROUP, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MIRATECH GROUP, LLC IS PROHIBITED.	DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED: ANGLES MACH: ±2° BEND: ±3°; INCHES: ±1/8; MILLIMETERS: ±3	**SEN115-U-WT Dosing Box Submittal Drawing**
SALES ORDER NO.: **40942**		DO NOT SCALE DRAWING	DRAWING: SEN115-U-WT SD; REV: 0
CUSTOMER P.O.: **425104PAT1-5**		DRAWN: MLC; DATE: 05/17/2022	
		REVIEWED BY: GEP; DATE: 05/17/2022	SIZE: A; SCALE 1:12; WEIGHT: 53 lb; SHEET 1 OF 1









NOTES:

- DO NOT INSULATE INJECTOR
- DO NOT INSTALL INJECTOR PRIOR TO COMMISSIONING IN ORDER TO PRESERVE O-RING INTEGRITY

MATERIAL CONSTRUCTION:

- STAINLESS STEEL

PROJECT NAME	**PointOne Remington Building 1**
PROPOSAL NUMBER	**BBC-25-000664**
SALES ORDER NO.	**40942**
CUSTOMER P.O.	**425104PAT1-5**

PROPRIETARY AND CONFIDENTIAL

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DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGLES MACH: ±2° BEND: ±3° | INCHES: ±1/8 MILLIMETERS: ±3

DO NOT SCALE DRAWING

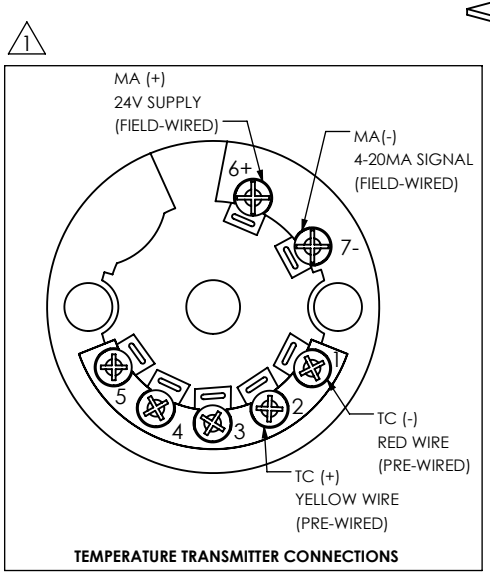
DRAWN	HCC	DATE	12/09/24
REVIEWED BY	BHU	DATE	12/09/24

MIRATECH

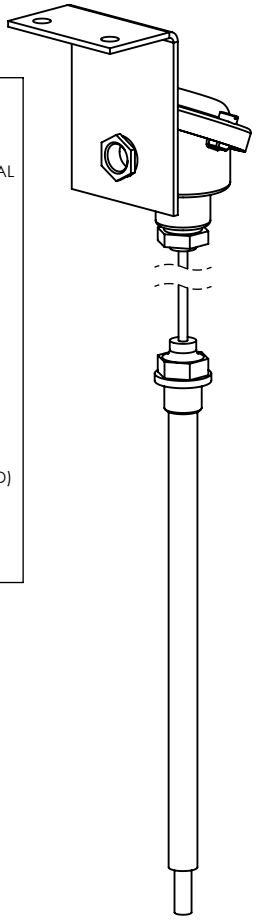
DEN115-600-U
Submittal Drawing

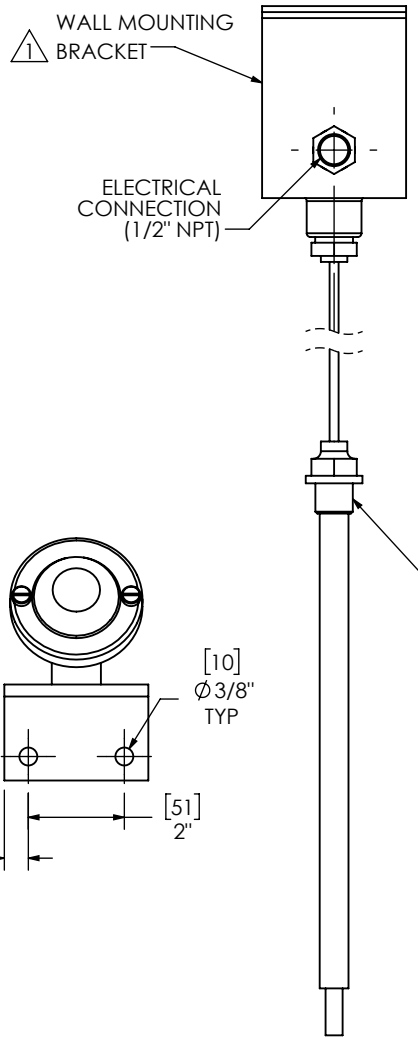
DRAWING	DEN115-600-U SD		REV 0
SIZE A	SCALE 1:8	WEIGHT: 14 lb	SHEET 1 OF 1

REV	DATE	BY	COMMENTS
1	3/28/2024	EDK	ADDED BRACKET AND UPDATED PUCK

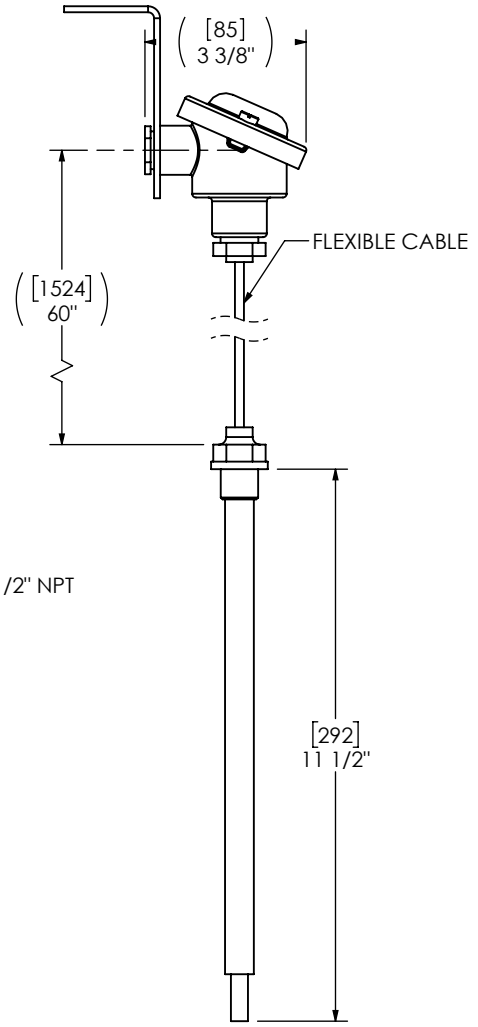


TEMPERATURE TRANSMITTER CONNECTIONS





FRONT VIEW



RIGHT VIEW

NOTES:

- OPERATING TEMPERATURE RANGE: 32°F - 1112°F (0°C - 600°C)
- AMBIENT TEMPERATURE RANGE OF SENSOR HEAD: -40°F - 185°F (-40°C - 85°C)

INSTALLATION INSTRUCTIONS:

- TEMPERATURE SENSOR AND WIRING SHOULD BE FREE OF INSULATION
- SENSOR HEAD SHOULD BE LOCATED TO AVOID WATER INTRUSION AND EXCESSIVE HEAT
- APPLY ANTI-SIEZE COMPOUND TO THREADS BEFORE INSTALLATION
- WALL MOUNTING BRACKET CAN BE ROTATED OR REMOVED AT CUSTOMER'S DISCRETION

PROJECT NAME
PROJECT NAME
PointOne Remington Building 1

PROPOSAL NUMBER
BBC-25-000664

SALES ORDER NO.
40942

CUSTOMER P.O. [P.N.]
425104PAT1-5

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PROJECTION

ALL DIMENSIONS IN INCHES [MILLIMETERS] UNLESS OTHERWISE SPECIFIED.

CRITICAL DIMENSIONS ARE (CIRCLED)

TOLERANCES UNLESS OTHERWISE SPECIFIED

< 12 [305]	±1/8 [3]
12 [305] ≥ 36 [915]	±3/16 [5]
36 [915] ≥ 360 [9150]	±5/16 [9]
> 360 [9150]	±7/16 [12]
ANGULAR	±3°
WEIGHT	±10%

DRAWN	JSS
DATE	2/5/2021
REVIEWED	CAC
DATE	2/5/2021

MIRATECH

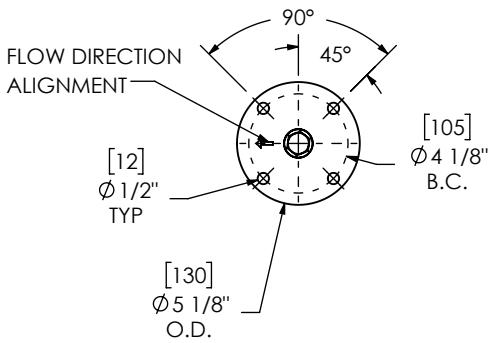
TT-14-FLEX60-32-1112

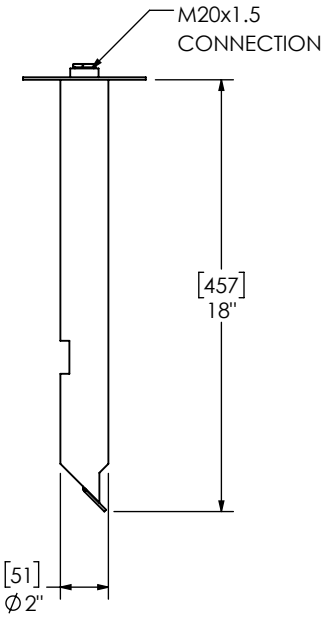
TEMPERATURE SENSOR

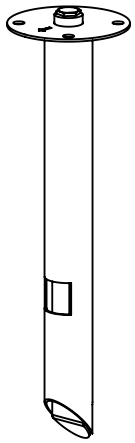
SUBMITTAL DRAWING
TT-14-FLEX60-32-1112 SD

OEM	REV
NO	1

SIZE		SCALE	WEIGHT	SHEET NO.
A	DO NOT SCALE	1:4	5lb	1 OF 1







NOTES:

- DO NOT USE EQUIPMENT TO SUPPORT OTHER PARTS OF THE EXHAUST SYSTEM WITHOUT PROPER REINFORCEMENT

MATERIAL CONSTRUCTION:

- 304 STAINLESS STEEL

PAINT:

- NONE (MIRATECH COATING SYSTEM 4)

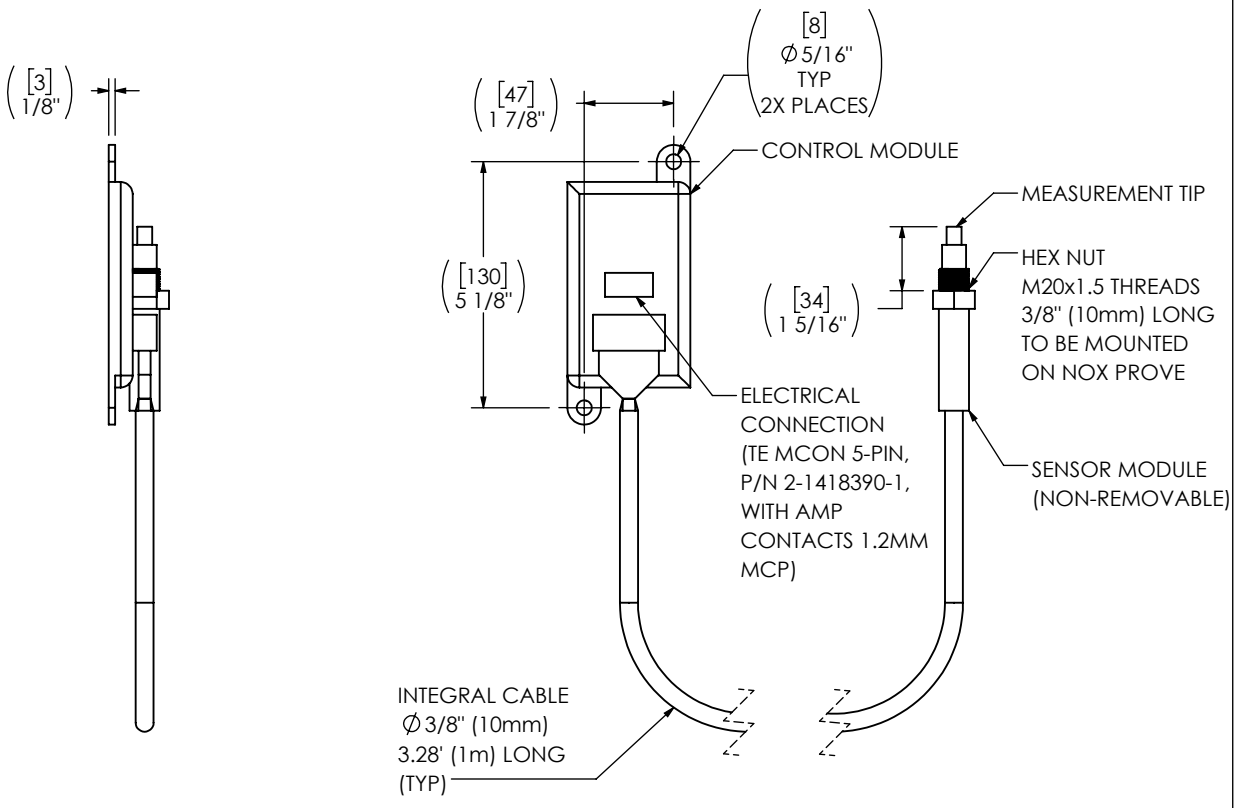
PROJECT NAME: **PointOne Remington Building 1**	**PROPRIETARY AND CONFIDENTIAL**	DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED	MIRATECH
PROPOSAL NUMBER: **BBC-25-000664**	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MIRATECH GROUP, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MIRATECH GROUP, LLC IS PROHIBITED.	DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED: ANGLES MACH: ±2° BEND: ±3°; INCHES: ±1/8 MILLIMETERS: ±3	**NP-18 NOx Probe Submittal Drawing**
SALES ORDER NO.: **40942**		DO NOT SCALE DRAWING	DRAWING: NP-18 SD; REV: 0
CUSTOMER P.O.: **425104PAT1-5**		DRAWN: SAC; DATE: 2/4/2021	
		REVIEWED BY: CAC; DATE: 2/4/2021	SIZE: A; SCALE 1:8; WEIGHT: 4 lb; SHEET 1 OF 1

NOTES:

- ENSURE CONTROL MODULE IS SECURELY FASTENED AND PROTECTED FROM MECHANICAL DAMAGE; ENSURE INTEGRAL CABLE IS ROUTED SMOOTHLY WITHOUT HARD BENDS AND IS PROTECTED FROM HOT SURFACES.
- RECOMMENDED MAXIMUM ANGLE BETWEEN CABLE AND SENSOR MODULE IS ≤15°.
- RECOMMENDED MINIMUM BENDING RADIUS OF CABLE IS ≥25/32" (25MM).
- RECOMMEND 37FT-LB (50NM) OF TORQUE AT HEX NUT.
- SENSOR MODULE INTERNAL COMPONENTS CAN BE DAMAGED BY WATER; ENSURE MOUNTING POSITION PROTECTS MEASUREMENT TIP FROM WATER INTRUSION.
- OPERATING TEMPERATURES:

CONTROL MODULE	-40 TO 221°F (-40 TO 105°C)
INTEGRAL CABLE	-40 TO 392°F (-40 TO 200°C)
SENSOR MODULE	212 TO 1,472°F (100 TO 800°C)

- O2 MEASUREMENTS ARE VALID FOR $1.0 \leq \Lambda \leq \infty$, WHERE Λ IS AIR-TO-FUEL RATIO.
- SUITABLE FOR INDOOR/OUTDOOR INSTALLATION. IP6K7 AND IP6K9K RATED ACCORDING TO DIN 40050-9 WITH PLUGGED CONNECTIONS.



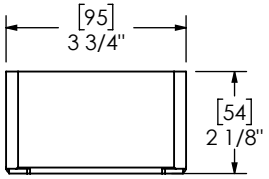
PROJECT NAME: **PointOne Remington Building 1**	**PROPRIETARY AND CONFIDENTIAL**	DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED
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SALES ORDER NO.: **40942**		DRAWN: HTH — DATE: 05/24/2022
CUSTOMER P.O.: **425104PAT1-5**		REVIEWED BY: GFS — DATE: 05/26/2022

MIRATECH

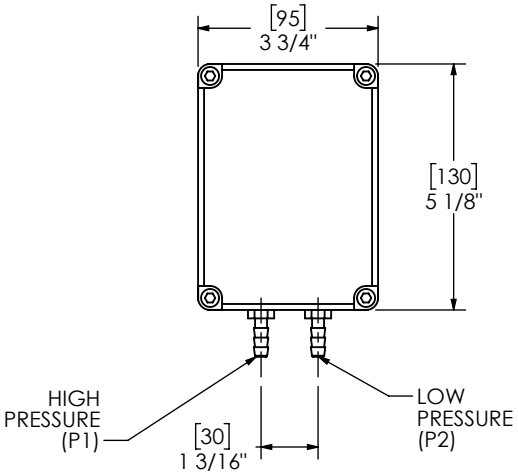
NOX-24V
Submittal Drawing

DRAWING	REV
NOX-24V SD	0

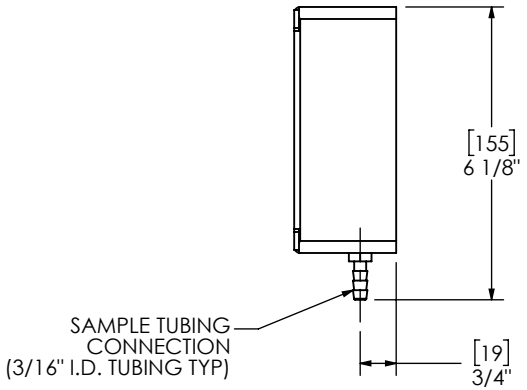
SIZE	SCALE	WEIGHT	SHEET
A	SCALE 1:4	WEIGHT: 1 lb	SHEET 1 OF 1



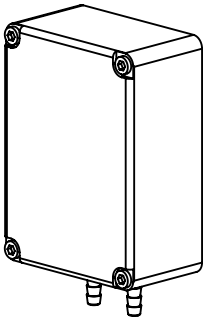
TOP VIEW

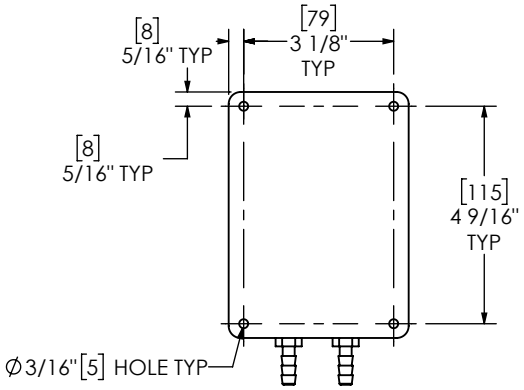


FRONT VIEW



RIGHT VIEW





BACK VIEW

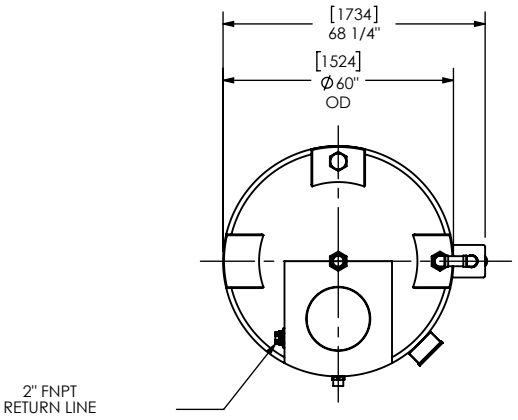
NOTES:

- OPERATING TEMPERATURE RANGE: 20°F - 120°F (-6°C - 48°C)
- SUITABLE FOR OUTDOOR INSTALLATION

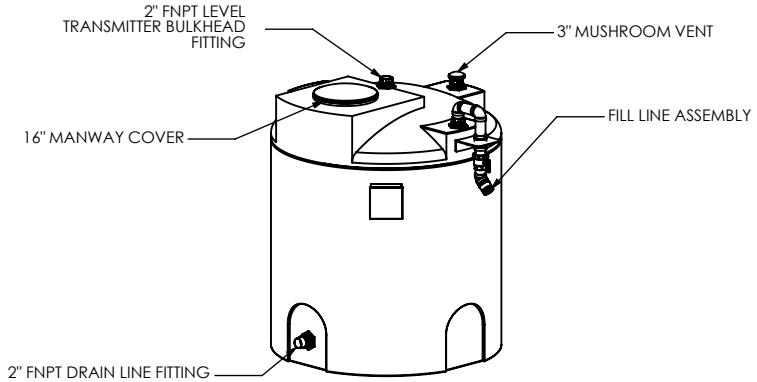
INSTALLATION INSTRUCTIONS:

- P1 = HIGH PRESSURE SIDE (INLET SIDE OF HOUSING)
- P2 = LOW PRESSURE SIDE (OUTLET SIDE OF HOUSING)
- SENSOR SHOULD BE INSTALLED SO TUBING SLOPES DOWN TOWARD HOUSING SO ANY CONDENSATE THAT FORMS IN THE TUBING WILL DRAIN INTO HOUSING
- SENSOR SHOULD BE INSTALLED AWAY FROM HEAT SOURCES AND FREE OF INSULATION
- ELECTRICAL CONNECTION KNOCKOUTS NOT SHOWN. UTILIZE KNOCKOUTS ON SIDE OF HOUSING

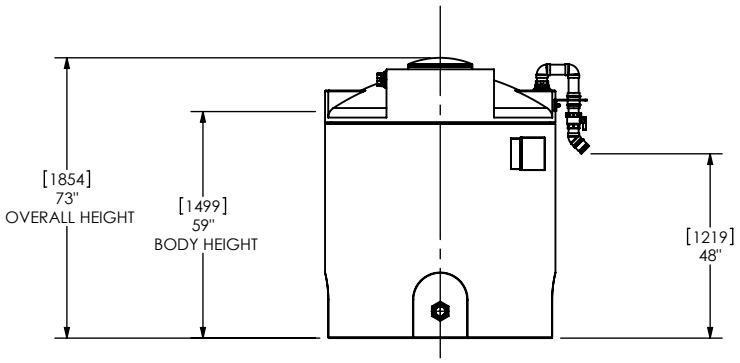
PROJECT NAME: **PointOne Remington Building 1**	**PROPRIETARY AND CONFIDENTIAL**	DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED		MIRATECH			
PROPOSAL NUMBER: **BBC-25-000664**	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MIRATECH GROUP, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MIRATECH GROUP, LLC IS PROHIBITED.	DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED ANGLES MACH: ±2° BEND: ±3° / INCHES: ±0.125 MILLIMETERS: ±3		**PT-0-40 Pressure Transmitter Submittal Drawing**			
SALES ORDER NO.: **40942**		DO NOT SCALE DRAWING		DRAWING: PT-0-40 SD			REV: 0
CUSTOMER P.O.: **425104PAT1-5**		DRAWN: JFS	DATE: 08/28/2012	SIZE: A	SCALE 1:3	WEIGHT: 2 lb	SHEET 1 OF 1
		REVIEWED BY: AJM	DATE: 08/28/2012				



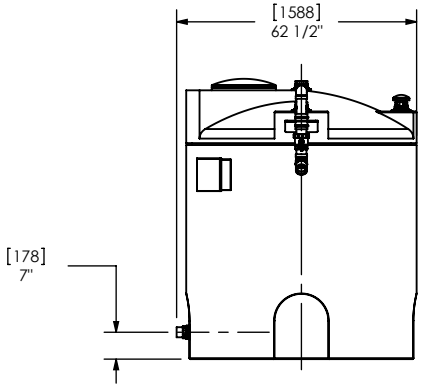
TOP VIEW



ISO VIEW



FRONT VIEW



RIGHT VIEW

NOTES:

- CAPACITY: 550 (US GALLONS)
- MATERIAL CONSTRUCTION: CROSSLINK POLYETHYLENE
- FLEXIBLE CONNECTION RECOMMENDED FOR ALL SIDEWALL CONNECTIONS
- INSULATION NOT SHOWN - NOMINAL 2" THICKNESS W/ GRAY MASTIC COATING
- HEAT TRACE ELECTRICAL REQUIREMENTS
  - POWER CONSUMPTION: 210W
  - CURRENT DRAW: 1.75A
  - SUPPLY VOLTAGE: 96-265 VAC, 1Ø, 50-60 HZ

PROJECT NAME	**PointOne Remington Building 1**
PROPOSAL NUMBER	**BBC-25-000664**
SALES ORDER NO.	**40942**
CUSTOMER P.O.	**425104PAT1-5**

PROPRIETARY AND CONFIDENTIAL

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DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGLES MACH: ±2° BEND: ±3° | INCHES: ±0.125 MILLIMETERS: ±3

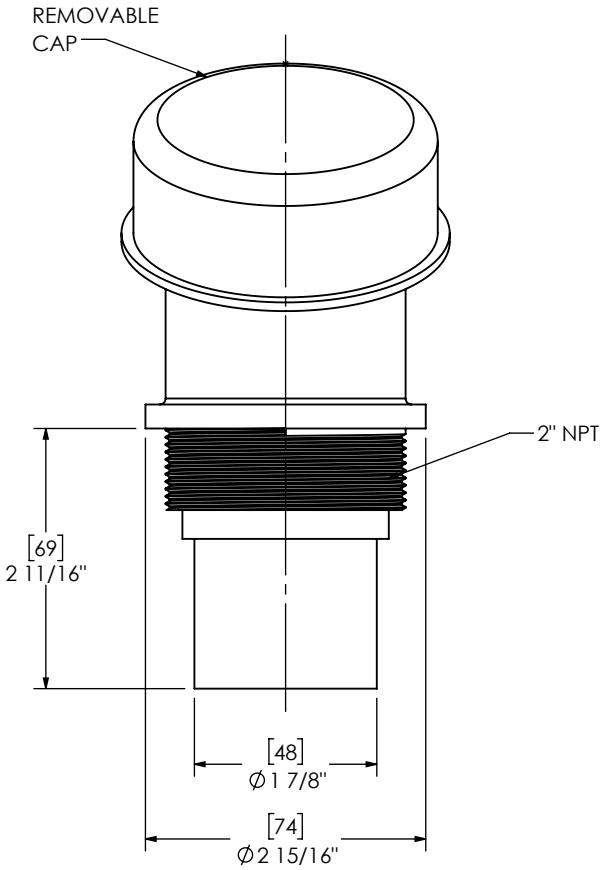
DO NOT SCALE DRAWING

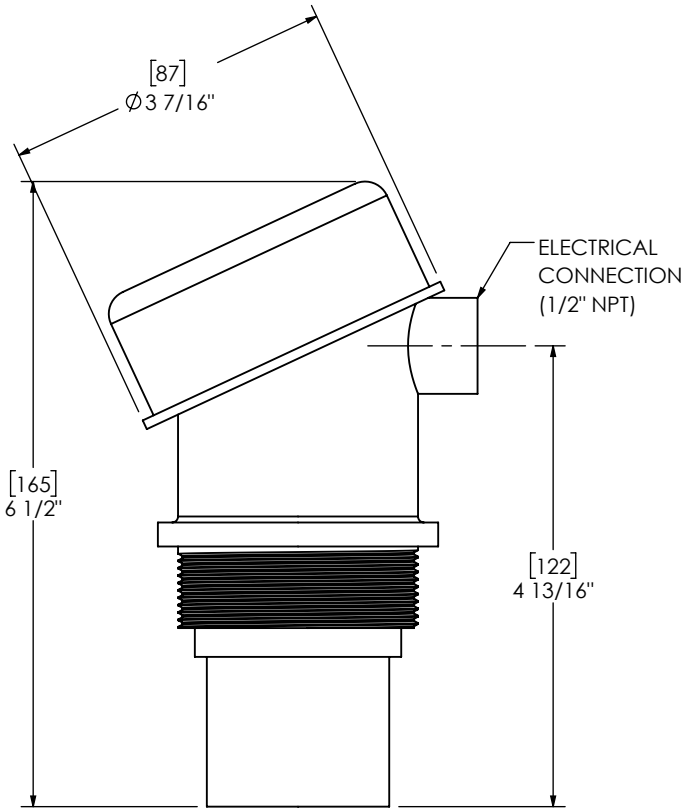
DRAWN	GSR	DATE	04/15/2024
REVIEWED BY	BHU	DATE	04/15/2024

MIRATECH

DW550.ht.ins Reactant Tank Submittal Drawing

DRAWING	DW550 SUBMITTAL				REV 0
SIZE A	SCALE 1:50	WEIGHT: 130 lb			SHEET 1 OF 1





OPERATING TEMPERATURE:

- -40°F - 176°F (-40°C - 80°C)

INSTALLATION:

- TO BE INSTALLED ON TOP OF TANK AS CLOSE TO CENTER AS POSSIBLE

PROJECT NAME	**PointOne Remington Building 1**
PROPOSAL NUMBER	**BBC-25-000664**
SALES ORDER NO.	**40942**
CUSTOMER P.O.	**425104PAT1-5**

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DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
ANGLES
MACH: ±2°
BEND: ±3°
INCHES: ±1/8
MILLIMETERS: ±3

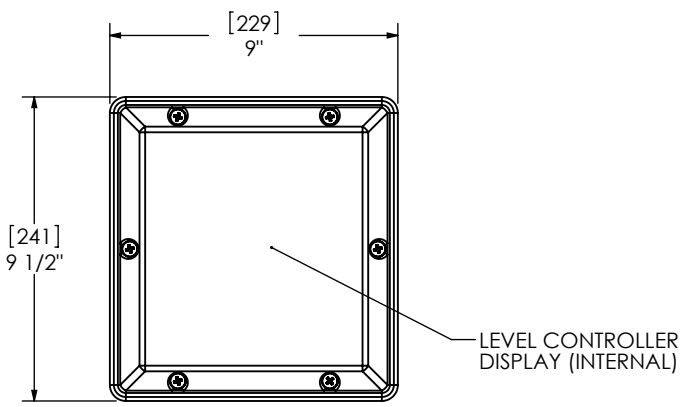
DO NOT SCALE DRAWING

DRAWN	JCO	DATE	09/03/2019
REVIEWED BY	GEP	DATE	09/03/2019

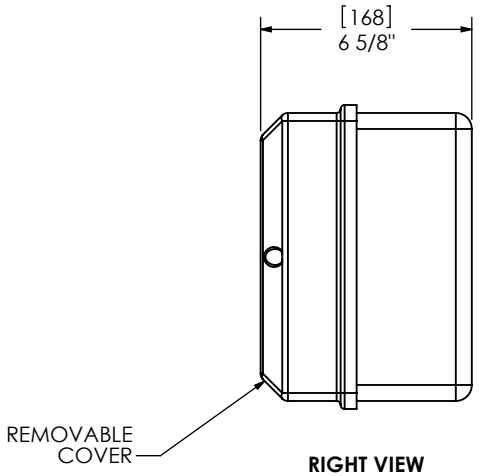
MIRATECH

US06 Level Transmitter Submittal Drawing

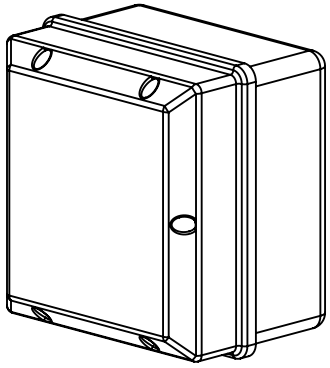
DRAWING	US06 SD				REV 0
SIZE A	SCALE 1:2	WEIGHT: 9 lb		SHEET 1 OF 1	



FRONT VIEW



RIGHT VIEW



NOTES:

- POWER CONSUMPTION: 360 W MAX
- VOLTAGE: 96-265 VAC, SINGLE Φ, 50-60 HZ
- CURRENT DRAW: 5.0 A MAX
- OPERATION TEMPERATURE: -40°F - 149°F (NON-CONDENSING)

INSTALLATION INSTRUCTIONS:

- NEMA 4X ENCLOSURE INCLUDED
- UNIT MAY BE WALL MOUNTED OUTDOORS

PROJECT NAME **PointOne Remington Building 1**	**PROPRIETARY AND CONFIDENTIAL** THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MIRATECH GROUP, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MIRATECH GROUP, LLC IS PROHIBITED.	DIMENSIONS ARE APPROXIMATE IN INCHES UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED ANGLES MACH: ±2° BEND: ±3° | INCHES: ±0.125 MILLIMETERS: ±3 DO NOT SCALE DRAWING
PROPOSAL NUMBER **BBC-25-000664**		DRAWN JCU — DATE 9/25/2009 REVIEWED BY JWS — DATE 9/25/2009
SALES ORDER NO. **40942**		
CUSTOMER P.O. **425104PAT1-5**		

MIRATECH

LI55 Level Controller Submittal Drawing

DRAWING	REV	SIZE	SCALE	WEIGHT	SHEET
LI55 SD	0	A	SCALE 1:6	WEIGHT: 5 lb FULLY LOADED	SHEET 1 OF 1

SECTION 8

HOUSE GENERATOR AND FIRE PUMP INFORMATION

PERFORMANCE DATA[DM8155]

November 26, 2024

Performance Number: DM8155 **Change Level: 06**

SALES MODEL:	C15	**COMBUSTION:**	DIRECT INJECTION
BRAND:	CAT	**ENGINE SPEED (RPM):**	1,800
MACHINE SALES MODEL:		**HERTZ:**	60
ENGINE POWER (BHP):	762	**FAN POWER (HP):**	19.4
GEN POWER WITH FAN (EKW):	500.0	**ADDITIONAL PARASITICS (HP):**	14.2
COMPRESSION RATIO:	16.1	**ASPIRATION:**	TA
RATING LEVEL:	STANDBY	**AFTERCOOLER TYPE:**	ATAAC
PUMP QUANTITY:	1	**AFTERCOOLER CIRCUIT TYPE:**	JW+OC, ATAAC
FUEL TYPE:	DIESEL	**INLET MANIFOLD AIR TEMP (F):**	120
MANIFOLD TYPE:	DRY	**JACKET WATER TEMP (F):**	192.2
GOVERNOR TYPE:	ELEC	**TURBO CONFIGURATION:**	SINGLE
CAMSHAFT TYPE:	STANDARD	**TURBO QUANTITY:**	1
IGNITION TYPE:	CI	**TURBOCHARGER MODEL:**	GTA5518BS-56T-1.58
INJECTOR TYPE:	EUI	**CERTIFICATION YEAR:**	2006
REF EXH STACK DIAMETER (IN):	6	**PISTON SPD @ RATED ENG SPD (FT/MIN):**	2,025.0
MAX OPERATING ALTITUDE (FT):	3,281		

INDUSTRY	SUBINDUSTRY	APPLICATION
ELECTRIC POWER	STANDARD	PACKAGED GENSET
OIL AND GAS	LAND PRODUCTION	PACKAGED GENSET

General Performance Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	BRAKE MEAN EFF PRES (BMEP)	BRAKE SPEC FUEL CONSUMPTN (BSFC)	ISO BRAKE SPEC FUEL CONSUMPTN (BSFC)	VOL FUEL CONSUMPTN (VFC)	ISO VOL FUEL CONSUMPTN (VFC)	ELEC SPEC FUEL CONSUMPTN (ESFC)	ISO ELEC SPEC FUEL CONSUMPTN (ESFC)
EKW	%	BHP	PSI	LB/BHP-HR	LB/BHP-HR	GAL/HR	GAL/HR	LB/EKW-HR	LB/EKW-HR
500.0	100	762	361	0.333	0.330	35.7	35.4	0.507	0.502
450.0	90	683	324	0.348	0.345	33.5	33.2	0.528	0.523
400.0	80	607	288	0.358	0.355	30.6	30.3	0.543	0.538
375.0	75	570	271	0.358	0.355	28.8	28.5	0.545	0.540
350.0	70	534	253	0.356	0.353	26.8	26.5	0.543	0.538
300.0	60	462	219	0.347	0.344	22.6	22.4	0.535	0.530
250.0	50	392	186	0.336	0.333	18.6	18.4	0.527	0.522
200.0	40	323	153	0.339	0.336	15.4	15.3	0.547	0.542
150.0	30	253	120	0.347	0.344	12.4	12.3	0.586	0.580
125.0	25	218	103	0.355	0.352	10.9	10.8	0.619	0.613
100.0	20	182	86	0.368	0.364	9.4	9.4	0.670	0.663
50.0	10	109	52	0.420	0.416	6.5	6.4	0.917	0.908

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	INLET MFLD PRES	INLET MFLD TEMP	EXH MFLD TEMP	EXH MFLD PRES	ENGINE OUTLET TEMP	COMPRESSOR OUTLET PRES	COMPRESSOR OUTLET TEMP
EKW	%	BHP	IN-HG	DEG F	DEG F	IN-HG	DEG F	IN-HG	DEG F
500.0	100	762	68.2	120.4	1,296.3	46.8	988.0	73	405.8
450.0	90	683	67.0	119.4	1,280.7	45.9	973.8	72	402.2
400.0	80	607	61.6	115.2	1,250.1	42.3	956.6	66	381.3
375.0	75	570	56.4	111.0	1,229.5	38.8	947.8	61	361.0
350.0	70	534	50.1	106.0	1,205.6	34.6	938.3	54	336.1
300.0	60	462	36.6	95.5	1,148.6	25.6	915.7	40	282.1
250.0	50	392	24.0	86.2	1,080.0	17.4	887.9	27	229.6
200.0	40	323	16.9	83.6	1,003.8	13.3	838.1	19	195.0
150.0	30	253	11.3	81.0	910.6	10.2	768.4	13	165.5
125.0	25	218	9.1	79.8	857.1	9.0	725.6	11	152.7
100.0	20	182	7.0	78.6	795.3	8.0	674.7	9	140.6
50.0	10	109	3.3	76.2	639.0	6.1	542.9	5	118.5

General Performance Data (Continued)

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	WET INLET AIR VOL FLOW RATE	ENGINE OUTLET WET EXH GAS VOL FLOW RATE	WET INLET AIR MASS FLOW RATE	WET EXH GAS MASS FLOW RATE	WET EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)	DRY EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)
EKW	%	BHP	CFM	CFM	LB/HR	LB/HR	FT3/MIN	FT3/MIN

500.0	100	762	1,347.7	3,869.5	6,001.8	6,255.3	1,314.2	1,190.7
450.0	90	683	1,345.2	3,807.0	5,981.4	6,219.2	1,305.8	1,188.3
400.0	80	607	1,283.7	3,578.0	5,686.7	5,904.2	1,242.2	1,133.6
375.0	75	570	1,219.4	3,368.7	5,381.2	5,585.8	1,176.8	1,074.2
350.0	70	534	1,139.2	3,114.4	5,001.5	5,191.7	1,095.3	999.6
300.0	60	462	965.5	2,567.9	4,183.5	4,344.1	918.0	837.4
250.0	50	392	799.0	2,042.2	3,407.8	3,539.6	745.1	680.1
200.0	40	323	697.8	1,709.3	2,959.9	3,069.2	647.6	593.2
150.0	30	253	615.8	1,417.7	2,601.3	2,689.1	567.6	523.1
125.0	25	218	581.8	1,286.6	2,454.7	2,532.1	533.7	493.8
100.0	20	182	551.1	1,160.5	2,322.2	2,389.2	503.0	467.8
50.0	10	109	497.4	916.4	2,088.6	2,134.4	449.4	423.6

Heat Rejection Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	REJECTION TO JACKET WATER	REJECTION TO ATMOSPHERE	REJECTION TO EXH	EXHAUST RECOVERY TO 350F	FROM OIL COOLER	FROM AFTERCOOLER	WORK ENERGY	LOW HEAT VALUE ENERGY	HIGH HEAT VALUE ENERGY
EKW	%	BHP	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN
500.0	100	762	10,375	5,182	28,039	17,119	4,138	6,860	32,301	77,688	82,757
450.0	90	683	9,686	4,904	27,298	16,583	3,881	6,775	28,958	72,867	77,622
400.0	80	607	8,796	4,826	25,540	15,270	3,549	6,061	25,750	66,626	70,974
375.0	75	570	8,322	4,716	24,127	14,230	3,337	5,388	24,187	62,652	66,740
350.0	70	534	7,911	4,524	22,387	13,011	3,104	4,610	22,642	58,272	62,074
300.0	60	462	7,240	4,038	18,412	10,458	2,621	3,127	19,611	49,217	52,428
250.0	50	392	6,630	3,455	14,380	8,084	2,153	1,957	16,633	40,417	43,054
200.0	40	323	5,924	2,968	11,812	6,328	1,786	1,321	13,687	33,524	35,712
150.0	30	253	5,187	2,459	9,434	4,713	1,435	880	10,732	26,935	28,692
125.0	25	218	4,807	2,196	8,319	3,963	1,264	716	9,239	23,729	25,277
100.0	20	182	4,414	1,924	7,227	3,212	1,093	577	7,727	20,530	21,869
50.0	10	109	3,615	1,370	5,008	1,677	749	353	4,629	14,057	14,974

Emissions Data

DIESEL

RATED SPEED NOMINAL DATA: 1800 RPM

GENSET POWER WITH FAN		EKW	500.0	375.0	250.0	125.0	50.0
PERCENT LOAD		%	100	75	50	25	10
ENGINE POWER		BHP	762	570	392	218	109
TOTAL NOX (AS NO2)		G/HR	3,432	1,558	1,793	1,266	743
TOTAL CO		G/HR	469	528	298	170	202
TOTAL HC		G/HR	16	24	17	17	20
TOTAL CO2		KG/HR	357	287	186	110	65
PART MATTER		G/HR	19.6	30.6	40.7	25.0	16.1
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	2,129.1	1,257.7	2,193.7	2,567.9	2,459.9
TOTAL CO	(CORR 5% O2)	MG/NM3	301.5	410.5	362.1	354.0	751.9
TOTAL HC	(CORR 5% O2)	MG/NM3	8.8	15.9	18.0	29.7	64.2
PART MATTER	(CORR 5% O2)	MG/NM3	9.5	21.1	41.1	43.4	48.7
TOTAL NOX (AS NO2)	(CORR 15% O2)	MG/NM3	790.1	466.7	814.0	952.9	912.8
TOTAL CO	(CORR 15% O2)	MG/NM3	111.9	152.3	134.4	131.3	279.0
TOTAL HC	(CORR 15% O2)	MG/NM3	3.3	5.9	6.7	11.0	23.8
PART MATTER	(CORR 15% O2)	MG/NM3	3.5	7.8	15.3	16.1	18.1
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,037	613	1,068	1,251	1,198
TOTAL CO	(CORR 5% O2)	PPM	241	328	290	283	602
TOTAL HC	(CORR 5% O2)	PPM	16	30	34	55	120
TOTAL NOX (AS NO2)	(CORR 15% O2)	PPM	385	227	396	464	445
TOTAL CO	(CORR 15% O2)	PPM	89	122	107	105	223
TOTAL HC	(CORR 15% O2)	PPM	6	11	12	21	44
TOTAL NOX (AS NO2)		G/HP-HR	4.58	2.76	4.60	5.83	6.82
TOTAL CO		G/HP-HR	0.63	0.93	0.76	0.78	1.85
TOTAL HC		G/HP-HR	0.02	0.04	0.04	0.08	0.19

PERFORMANCE DATA[DM8155]

November 26, 2024

PART MATTER	G/HP-HR	0.03	0.05	0.10	0.12	0.15
TOTAL NOX (AS NO2)	G/KW-HR	6.22	3.75	6.25	7.92	9.28
TOTAL CO	G/KW-HR	0.85	1.27	1.04	1.06	2.52
TOTAL HC	G/KW-HR	0.03	0.06	0.06	0.10	0.25
PART MATTER	G/KW-HR	0.04	0.07	0.14	0.16	0.20
TOTAL NOX (AS NO2)	LB/HR	7.57	3.43	3.95	2.79	1.64
TOTAL CO	LB/HR	1.03	1.16	0.66	0.37	0.44
TOTAL HC	LB/HR	0.04	0.05	0.04	0.04	0.05
TOTAL CO2	LB/HR	786	633	410	243	144
PART MATTER	LB/HR	0.04	0.07	0.09	0.06	0.04
OXYGEN IN EXH	%	8.3	9.6	9.4	11.4	14.3
DRY SMOKE OPACITY	%	0.6	1.3	2.3	2.0	1.5
BOSCH SMOKE NUMBER		0.75	0.93	1.21	1.12	0.99

RATED SPEED POTENTIAL SITE VARIATION: 1800 RPM

GENSET POWER WITH FAN		**EKW**	**500.0**	**375.0**	**250.0**	**125.0**	**50.0**
PERCENT LOAD		**%**	**100**	**75**	**50**	**25**	**10**
ENGINE POWER		**BHP**	**762**	**570**	**392**	**218**	**109**
TOTAL NOX (AS NO2)		G/HR	4,153	1,885	2,170	1,532	899
TOTAL CO		G/HR	877	987	558	317	377
TOTAL HC		G/HR	30	45	33	31	39
PART MATTER		G/HR	38.1	59.8	79.3	48.8	31.4
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	2,576.3	1,521.8	2,654.4	3,107.2	2,976.4
TOTAL CO	(CORR 5% O2)	MG/NM3	563.8	767.7	677.2	661.9	1,406.0
TOTAL HC	(CORR 5% O2)	MG/NM3	16.6	30.0	34.1	56.2	121.3
PART MATTER	(CORR 5% O2)	MG/NM3	18.5	41.0	80.1	84.7	94.9
TOTAL NOX (AS NO2)	(CORR 15% O2)	MG/NM3	956.0	564.7	984.9	1,153.0	1,104.5
TOTAL CO	(CORR 15% O2)	MG/NM3	209.2	284.9	251.3	245.6	521.7
TOTAL HC	(CORR 15% O2)	MG/NM3	6.2	11.1	12.6	20.8	45.0
PART MATTER	(CORR 15% O2)	MG/NM3	6.9	15.2	29.7	31.4	35.2
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,255	741	1,293	1,513	1,450
TOTAL CO	(CORR 5% O2)	PPM	451	614	542	530	1,125
TOTAL HC	(CORR 5% O2)	PPM	31	56	64	105	226
TOTAL NOX (AS NO2)	(CORR 15% O2)	PPM	466	275	480	562	538
TOTAL CO	(CORR 15% O2)	PPM	167	228	201	196	417
TOTAL HC	(CORR 15% O2)	PPM	12	21	24	39	84
TOTAL NOX (AS NO2)		G/HP-HR	5.54	3.33	5.56	7.05	8.25
TOTAL CO		G/HP-HR	1.17	1.75	1.43	1.46	3.46
TOTAL HC		G/HP-HR	0.04	0.08	0.08	0.14	0.35
PART MATTER		G/HP-HR	0.05	0.11	0.20	0.22	0.29
TOTAL NOX (AS NO2)		G/KW-HR	7.53	4.53	7.57	9.59	11.22
TOTAL CO		G/KW-HR	1.59	2.37	1.94	1.98	4.71
TOTAL HC		G/KW-HR	0.05	0.11	0.11	0.20	0.48
PART MATTER		G/KW-HR	0.07	0.14	0.28	0.31	0.39
TOTAL NOX (AS NO2)		LB/HR	9.15	4.16	4.78	3.38	1.98
TOTAL CO		LB/HR	1.93	2.18	1.23	0.70	0.83
TOTAL HC		LB/HR	0.07	0.10	0.07	0.07	0.09
PART MATTER		LB/HR	0.08	0.13	0.17	0.11	0.07

Regulatory Information

EPA TIER 2		**2006 - 2010**		
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 89 SUBPART D AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE NON-ROAD REGULATIONS.				
Locality	**Agency**	**Regulation**	**Tier/Stage**	**Max Limits - G/BKW - HR**
U.S. (INCL CALIF)	EPA	NON-ROAD	TIER 2	CO: 3.5 NOx + HC: 6.4 PM: 0.20

EPA EMERGENCY STATIONARY		**2011 - ----**		
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 60 SUBPART IIII AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE EMERGENCY STATIONARY REGULATIONS.				
Locality	**Agency**	**Regulation**	**Tier/Stage**	**Max Limits - G/BKW - HR**
U.S. (INCL CALIF)	EPA	STATIONARY	EMERGENCY STATIONARY	CO: 3.5 NOx + HC: 6.4 PM: 0.20

PERFORMANCE DATA[DM8155]

Altitude Derate Data

STANDARD

ALTITUDE CORRECTED POWER CAPABILITY (BHP)

AMBIENT OPERATING TEMP (F)	30	40	50	60	70	80	90	100	110	120	130	140	NORMAL
ALTITUDE (FT)													
0	762	762	762	762	762	762	762	762	762	762	762	762	762
1,000	762	762	762	762	762	762	762	762	762	762	757	744	762
2,000	762	762	762	762	762	762	762	762	754	741	728	716	762
3,000	762	762	762	762	762	762	752	739	726	713	701	689	762
4,000	762	762	762	762	751	737	724	711	698	686	674	663	759
5,000	762	762	750	736	722	709	696	683	671	660	649	638	735
6,000	751	736	722	708	694	681	669	657	646	634	624	613	712
7,000	722	707	694	680	667	655	643	632	620	610	599	589	689
8,000	693	680	666	653	641	629	618	607	596	586	576	566	666
9,000	666	653	640	628	616	604	593	583	572	563	553	544	644
10,000	639	626	614	602	591	580	570	559	550	540	531	522	623
11,000	614	601	589	578	567	557	546	537	527	518	510	501	602
12,000	588	577	565	554	544	534	524	515	506	497	489	480	582
13,000	564	553	542	532	522	512	503	494	485	477	469	461	562
14,000	541	530	520	510	500	491	482	473	465	457	449	442	542
15,000	518	508	498	488	479	470	462	453	445	438	430	423	523

Cross Reference

Test Spec	Setting	Engine Arrangement	Engineering Model	Engineering Model Version	Start Effective Serial Number	End Effective Serial Number
0K6281	PP5612	2864923	GS282	-	FTE02794	
0K6281	PP5612	2864924	GS282	-	FTE02794	

Performance Parameter Reference

Parameters Reference:DM9600-15

PERFORMANCE DEFINITIONS

PERFORMANCE DEFINITIONS DM9600
APPLICATION:
Engine performance tolerance values below are representative of a typical production engine tested in a calibrated dynamometer test cell at SAE J1995 standard reference conditions. Caterpillar maintains ISO9001:2000 certified quality management systems for engine test Facilities to assure accurate calibration of test equipment. Engine test data is corrected in accordance with SAE J1995. Additional reference material SAE J1228, J1349, ISO 8665, 3046-1:2002E, 3046-3:1989, 1585, 2534, 2288, and 9249 may apply in part or are similar to SAE J1995. Special engine rating request (SERR) test data shall be noted.
PERFORMANCE PARAMETER TOLERANCE FACTORS:
Power +/- 3%
Torque +/- 3%
Exhaust stack temperature +/- 8%
Inlet airflow +/- 5%
Intake manifold pressure-gage +/- 10%
Exhaust flow +/- 6%
Specific fuel consumption +/- 3%
Specific fuel consumption (C7-C18) +/- 4%
Fuel rate +/- 5%
Specific DEF consumption +/- 3%
DEF rate +/- 5%
Heat rejection +/- 5%
Heat rejection exhaust only +/- 10%
Heat rejection CEM only +/- 10%
Heat Rejection values based on using treated water.
Torque is included for truck and industrial applications, do not use for Gen Set or steady state applications.

PERFORMANCE DATA[DM8155]

On C7 - C18 engines, at speeds of 1100 RPM and under these values are provided for reference only, and may not meet the tolerance listed.
On 3500 and C175 engines, at speeds below Peak Torque these values are provided for reference only, and may not meet the tolerance listed.
These values do not apply to C280/3600. For these models, see the tolerances listed below.
C280/3600 HEAT REJECTION TOLERANCE FACTORS:
Heat rejection +/- 10%
Heat rejection to Atmosphere +/- 50%
Heat rejection to Lube Oil +/- 20%
Heat rejection to Aftercooler +/- 5%
TEST CELL TRANSDUCER TOLERANCE FACTORS:
Torque +/- 0.5%
Speed +/- 0.2%
Fuel flow +/- 1.0%
Temperature +/- 2.0 C degrees
Intake manifold pressure +/- 0.1 kPa
OBSERVED ENGINE PERFORMANCE IS CORRECTED TO SAE J1995 REFERENCE
AIR AND FUEL CONDITIONS.
REFERENCE ATMOSPHERIC INLET AIR
FOR 3500 ENGINES AND SMALLER
SAE J1228 AUG2002 for marine engines, and J1995 JAN2014 for other engines, reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity at the stated aftercooler water temp, or inlet manifold temp.
FOR 3600 ENGINES
Engine rating obtained and presented in accordance with ISO 3046/1 and SAE J1995 JANJAN2014 reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity and 150M altitude at the stated aftercooler water temperature.
MEASUREMENT LOCATION FOR INLET AIR TEMPERATURE
Location for air temperature measurement air cleaner inlet at stabilized operating conditions.
REFERENCE EXHAUST STACK DIAMETER
The Reference Exhaust Stack Diameter published with this dataset is only used for the calculation of Smoke Opacity values displayed in this dataset. This value does not necessarily represent the actual stack diameter of the engine due to the variety of exhaust stack adapter options available. Consult the price list, engine order or general dimension drawings for the actual stack diameter size ordered or options available.
REFERENCE FUEL
DIESEL
Reference fuel is #2 distillate diesel with a 35API gravity;
A lower heating value is 42,780 KJ/KG (18,390 BTU/LB) when used at 15 deg C (59 deg F), where the density is
850 G/Liter (7.0936 Lbs/Gal).
GAS
Reference natural gas fuel has a lower heating value of 33.74 KJ/L (905 BTU/CU Ft). Low BTU ratings are based on 18.64 KJ/L (500 BTU/CU FT) lower heating value gas. Propane ratings are based on 87.56 KJ/L (2350 BTU/CU Ft) lower heating value gas.
ENGINE POWER (NET) IS THE CORRECTED FLYWHEEL POWER (GROSS) LESS
EXTERNAL AUXILIARY LOAD
Engine corrected gross output includes the power required to drive standard equipment; lube oil, scavenge lube oil, fuel transfer, common rail fuel, separate circuit aftercooler and jacket water pumps. Engine net power available for the external (flywheel) load is calculated by subtracting the sum of auxiliary load from the corrected gross flywheel out put power. Typical auxiliary loads are radiator cooling fans, hydraulic pumps, air compressors and battery charging alternators. For Tier 4 ratings additional Parasitic losses would also include Intake, and Exhaust Restrictions.
ALTITUDE CAPABILITY
Altitude capability is the maximum altitude above sea level at standard temperature and standard pressure at which the engine could develop full rated output power on the current performance data set.
Standard temperature values versus altitude could be seen on TM2001.
When viewing the altitude capability chart the ambient temperature is the inlet air temp at the compressor inlet.
Engines with ADEM MEUI and HEUI fuel systems operating at conditions above the defined altitude capability derate for atmospheric pressure and temperature conditions outside the values defined, see TM2001.
Mechanical governor controlled unit injector engines require a setting change for operation at conditions above the altitude defined on the engine performance sheet. See your Caterpillar technical representative for non standard ratings.
REGULATIONS AND PRODUCT COMPLIANCE

PERFORMANCE DATA[DM8155]

TMI Emissions information is presented at 'nominal' and 'Potential Site Variation' values for standard ratings. No tolerances are applied to the emissions data. These values are subject to change at any time. The controlling federal and local emission requirements need to be verified by your Caterpillar technical representative.
Customer's may have special emission site requirements that need to be verified by the Caterpillar Product Group engineer.
EMISSION CYCLE LIMITS:
Cycle emissions Max Limits apply to cycle-weighted averages only. Emissions at individual load points may exceed the cycle-weighted limit.
WET & DRY EXHAUST/EMISSIONS DESCRIPTION:
Wet - Total exhaust flow or concentration of total exhaust flow
Dry - Total exhaust flow minus water vapor or concentration of exhaust flow with water vapor excluded
EMISSIONS DEFINITIONS:
Emissions : DM1176
EMISSION CYCLE DEFINITIONS
1. For constant-speed marine engines for ship main propulsion, including,diesel-electric drive, test cycle E2 shall be applied, for controllable-pitch propeller sets
test cycle E2 shall be applied.
2. For propeller-law-operated main and propeller-law-operated auxiliary engines the test cycle E3 shall be applied.
3. For constant-speed auxiliary engines test cycle D2 shall be applied.
4. For variable-speed, variable-load auxiliary engines, not included above, test cycle C1 shall be applied.
HEAT REJECTION DEFINITIONS:
Diesel Circuit Type and HHV Balance : DM9500
HIGH DISPLACEMENT (HD) DEFINITIONS:
3500: EM1500
RATING DEFINITIONS:
Agriculture : TM6008
Fire Pump : TM6009
Generator Set : TM6035
Generator (Gas) : TM6041
Industrial Diesel : TM6010
Industrial (Gas) : TM6040
Irrigation : TM5749
Locomotive : TM6037
Marine Auxiliary : TM6036
Marine Prop (Except 3600) : TM5747
Marine Prop (3600 only) : TM5748
MSHA : TM6042
Oil Field (Petroleum) : TM6011
Off-Highway Truck : TM6039
On-Highway Truck : TM6038
SOUND DEFINITIONS:
Sound Power : DM8702
Sound Pressure : TM7080
Date Released : 03/12/24

PERFORMANCE DATA[DM7696]

November 26, 2024

Performance Number: DM7696 **Change Level: 04**

SALES MODEL:	C27	**COMBUSTION:**	DIRECT INJECTION
BRAND:	CAT	**ENGINE SPEED (RPM):**	1,800
MACHINE SALES MODEL:		**HERTZ:**	60
ENGINE POWER (BHP):	1,214	**FAN POWER (HP):**	39.3
GEN POWER WITH FAN (EKW):	800.0	**ASPIRATION:**	TA
COMPRESSION RATIO:	16.5	**AFTERCOOLER TYPE:**	ATAAC
RATING LEVEL:	STANDBY	**AFTERCOOLER CIRCUIT TYPE:**	JW+OC, ATAAC
PUMP QUANTITY:	1	**INLET MANIFOLD AIR TEMP (F):**	120
FUEL TYPE:	DIESEL	**JACKET WATER TEMP (F):**	210.2
MANIFOLD TYPE:	DRY	**TURBO CONFIGURATION:**	PARALLEL
GOVERNOR TYPE:	ADEM4	**TURBO QUANTITY:**	2
ELECTRONICS TYPE:	ADEM4	**TURBOCHARGER MODEL:**	GTA5008BS-56T-1.60
IGNITION TYPE:	CI	**CERTIFICATION YEAR:**	2010
INJECTOR TYPE:	EUI	**PISTON SPD @ RATED ENG SPD (FT/MIN):**	1,800.0
REF EXH STACK DIAMETER (IN):	10		
MAX OPERATING ALTITUDE (FT):	7,999		

INDUSTRY	SUBINDUSTRY	APPLICATION
ELECTRIC POWER	STANDARD	PACKAGED GENSET
OIL AND GAS	LAND PRODUCTION	PACKAGED GENSET

General Performance Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	BRAKE MEAN EFF PRES (BMEP)	BRAKE SPEC FUEL CONSUMPTN (BSFC)	ISO BRAKE SPEC FUEL CONSUMPTN (BSFC)	VOL FUEL CONSUMPTN (VFC)	ISO VOL FUEL CONSUMPTN (VFC)
EKW	%	BHP	PSI	LB/BHP-HR	LB/BHP-HR	GAL/HR	GAL/HR
800.0	100	1,190	318	0.331	0.323	55.6	54.3
720.0	90	1,073	286	0.335	0.327	50.7	49.5
640.0	80	957	255	0.340	0.332	45.9	44.8
600.0	75	900	240	0.342	0.334	43.4	42.3
560.0	70	842	225	0.343	0.335	40.7	39.8
480.0	60	728	194	0.345	0.337	35.4	34.6
400.0	50	615	164	0.346	0.338	30.0	29.3
320.0	40	504	135	0.350	0.342	24.9	24.3
240.0	30	393	105	0.358	0.350	19.9	19.4
200.0	25	337	90	0.364	0.356	17.3	16.9
160.0	20	280	75	0.375	0.366	14.8	14.5
80.0	10	162	43	0.435	0.424	9.9	9.7

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	INLET MFLD PRES	INLET MFLD TEMP	EXH MFLD TEMP	EXH MFLD PRES	ENGINE OUTLET TEMP	COMPRESSOR OUTLET PRES	COMPRESSOR OUTLET TEMP
EKW	%	BHP	IN-HG	DEG F	DEG F	IN-HG	DEG F	IN-HG	DEG F
800.0	100	1,190	57.6	119.1	1,222.8	40.4	947.8	60	358.0
720.0	90	1,073	52.4	114.5	1,188.5	36.5	928.9	55	336.7
640.0	80	957	46.8	113.1	1,161.4	32.2	916.5	49	314.8
600.0	75	900	43.7	112.4	1,146.4	29.8	909.6	46	302.1
560.0	70	842	40.0	110.4	1,127.0	27.3	899.9	42	285.8
480.0	60	728	32.3	105.7	1,078.4	22.3	873.1	34	253.8
400.0	50	615	24.7	100.8	1,016.5	17.4	836.5	26	222.4
320.0	40	504	18.1	97.0	935.5	13.5	782.1	19	192.2
240.0	30	393	12.4	93.9	835.3	10.2	709.3	13	162.3
200.0	25	337	9.7	92.6	777.5	8.8	665.6	11	147.3
160.0	20	280	7.4	91.9	713.5	7.6	615.6	8	133.7
80.0	10	162	3.9	92.8	564.1	5.7	492.7	5	114.1

General Performance Data (Continued)

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	WET INLET AIR VOL FLOW RATE	ENGINE OUTLET WET EXH GAS VOL FLOW RATE	WET INLET AIR MASS FLOW RATE	WET EXH GAS MASS FLOW RATE	WET EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)	DRY EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)
EKW	%	BHP	CFM	CFM	LB/HR	LB/HR	FT3/MIN	FT3/MIN
800.0	100	1,190	2,200.4	5,943.3	9,469.4	9,863.6	2,076.2	1,881.0

720.0	90	1,073	2,097.2	5,567.7	9,001.3	9,361.3	1,971.4	1,791.5
640.0	80	957	1,963.0	5,142.0	8,402.0	8,727.5	1,837.1	1,673.5
600.0	75	900	1,885.5	4,904.2	8,059.1	8,366.8	1,760.9	1,606.0
560.0	70	842	1,799.8	4,638.3	7,681.5	7,970.5	1,677.4	1,531.7
480.0	60	728	1,618.3	4,074.9	6,886.8	7,138.0	1,503.3	1,376.0
400.0	50	615	1,433.7	3,494.4	6,083.9	6,296.9	1,325.5	1,216.1
320.0	40	504	1,270.3	2,963.8	5,377.5	5,554.2	1,173.5	1,081.6
240.0	30	393	1,120.0	2,452.2	4,733.6	4,874.4	1,031.4	956.7
200.0	25	337	1,049.0	2,200.7	4,431.9	4,554.8	961.6	895.5
160.0	20	280	985.8	1,964.5	4,163.7	4,268.7	898.3	840.7
80.0	10	162	894.5	1,565.5	3,772.7	3,843.3	808.2	766.0

Heat Rejection Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	REJECTION TO JACKET WATER	REJECTION TO ATMOSPHERE	REJECTION TO EXH	EXHAUST RECOVERY TO 350F	FROM OIL COOLER	FROM AFTERCOOLER	WORK ENERGY	LOW HEAT VALUE ENERGY	HIGH HEAT VALUE ENERGY
EKW	%	BHP	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN
800.0	100	1,190	18,779	5,849	44,601	25,213	6,438	9,057	50,481	120,880	128,767
720.0	90	1,073	17,808	4,992	41,200	23,106	5,876	8,008	45,509	110,318	117,517
640.0	80	957	16,691	4,461	37,677	21,034	5,311	6,786	40,598	99,707	106,213
600.0	75	900	15,607	4,786	35,758	19,900	5,022	6,124	38,160	94,283	100,435
560.0	70	842	14,638	4,988	33,616	18,603	4,718	5,397	35,720	88,579	94,359
480.0	60	728	13,512	4,464	29,060	15,798	4,100	4,083	30,880	76,976	81,999
400.0	50	615	11,598	4,504	24,410	12,913	3,477	2,962	26,073	65,288	69,549
320.0	40	504	10,383	3,959	19,934	10,055	2,886	2,050	21,390	54,180	57,716
240.0	30	393	9,677	2,739	15,613	7,277	2,301	1,296	16,686	43,193	46,011
200.0	25	337	9,195	2,146	13,533	5,943	2,007	969	14,304	37,688	40,147
160.0	20	280	8,507	1,714	11,540	4,657	1,717	697	11,882	32,236	34,340
80.0	10	162	6,156	1,807	7,874	2,218	1,152	322	6,882	21,629	23,040

Emissions Data

DIESEL

RATED SPEED NOMINAL DATA: 1800 RPM

GENSET POWER WITH FAN		EKW	800.0	600.0	400.0	200.0	80.0
PERCENT LOAD		%	100	75	50	25	10
ENGINE POWER		BHP	1,190	900	615	337	162
TOTAL NOX (AS NO2)		G/HR	5,956	3,529	2,229	1,524	818
TOTAL CO		G/HR	280	349	332	272	326
TOTAL HC		G/HR	33	46	47	37	51
TOTAL CO2		KG/HR	553	431	296	169	97
PART MATTER		G/HR	27.0	28.2	46.7	51.5	52.4
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	2,510.3	1,919.2	1,785.7	2,213.4	2,077.7
TOTAL CO	(CORR 5% O2)	MG/NM3	118.7	192.5	268.7	409.6	929.9
TOTAL HC	(CORR 5% O2)	MG/NM3	12.0	22.0	33.0	49.4	126.4
PART MATTER	(CORR 5% O2)	MG/NM3	9.4	12.9	31.8	65.1	130.6
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,223	935	870	1,078	1,012
TOTAL CO	(CORR 5% O2)	PPM	95	154	215	328	744
TOTAL HC	(CORR 5% O2)	PPM	22	41	62	92	236
TOTAL NOX (AS NO2)		G/HP-HR	5.05	3.94	3.64	4.53	5.06
TOTAL CO		G/HP-HR	0.24	0.39	0.54	0.81	2.02
TOTAL HC		G/HP-HR	0.03	0.05	0.08	0.11	0.31
PART MATTER		G/HP-HR	0.02	0.03	0.08	0.15	0.32
TOTAL NOX (AS NO2)		LB/HR	13.13	7.78	4.91	3.36	1.80
TOTAL CO		LB/HR	0.62	0.77	0.73	0.60	0.72
TOTAL HC		LB/HR	0.07	0.10	0.10	0.08	0.11
TOTAL CO2		LB/HR	1,219	950	652	372	214
PART MATTER		LB/HR	0.06	0.06	0.10	0.11	0.12
OXYGEN IN EXH		%	9.0	10.1	11.3	13.5	16.2
DRY SMOKE OPACITY		%	0.3	1.3	2.8	4.8	5.3

BOSCH SMOKE NUMBER		0.15	0.44	1.05	1.58	1.69

RATED SPEED POTENTIAL SITE VARIATION: 1800 RPM

GENSET POWER WITH FAN		EKW	800.0	600.0	400.0	200.0	80.0
PERCENT LOAD		%	100	75	50	25	10
ENGINE POWER		BHP	1,190	900	615	337	162
TOTAL NOX (AS NO2)		G/HR	7,207	4,271	2,697	1,844	990
TOTAL CO		G/HR	523	652	620	510	610
TOTAL HC		G/HR	62	87	89	71	96
PART MATTER		G/HR	52.7	55.0	91.2	100.4	102.2
TOTAL NOX (AS NO2)	(CORR 5% O2)	MG/NM3	3,037.5	2,322.3	2,160.7	2,678.2	2,514.0
TOTAL CO	(CORR 5% O2)	MG/NM3	221.9	360.0	502.4	766.0	1,738.9
TOTAL HC	(CORR 5% O2)	MG/NM3	22.7	41.5	62.3	93.4	239.0
PART MATTER	(CORR 5% O2)	MG/NM3	18.3	25.1	62.1	126.9	254.7
TOTAL NOX (AS NO2)	(CORR 5% O2)	PPM	1,479	1,131	1,052	1,305	1,225
TOTAL CO	(CORR 5% O2)	PPM	178	288	402	613	1,391
TOTAL HC	(CORR 5% O2)	PPM	42	78	116	174	446
TOTAL NOX (AS NO2)		G/HP-HR	6.11	4.77	4.40	5.48	6.12
TOTAL CO		G/HP-HR	0.44	0.73	1.01	1.52	3.77
TOTAL HC		G/HP-HR	0.05	0.10	0.15	0.21	0.59
PART MATTER		G/HP-HR	0.04	0.06	0.15	0.30	0.63
TOTAL NOX (AS NO2)		LB/HR	15.89	9.41	5.95	4.07	2.18
TOTAL CO		LB/HR	1.15	1.44	1.37	1.12	1.34
TOTAL HC		LB/HR	0.14	0.19	0.20	0.16	0.21
PART MATTER		LB/HR	0.12	0.12	0.20	0.22	0.23

Regulatory Information

EPA TIER 2		2006 - 2010		
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 89 SUBPART D AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE NON-ROAD REGULATIONS.				
Locality	**Agency**	**Regulation**	**Tier/Stage**	**Max Limits - G/BKW - HR**
U.S. (INCL CALIF)	EPA	NON-ROAD	TIER 2	CO: 3.5 NOx + HC: 6.4 PM: 0.20

EPA EMERGENCY STATIONARY		2011 - ----		
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 60 SUBPART IIII AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE EMERGENCY STATIONARY REGULATIONS.				
Locality	**Agency**	**Regulation**	**Tier/Stage**	**Max Limits - G/BKW - HR**
U.S. (INCL CALIF)	EPA	STATIONARY	EMERGENCY STATIONARY	CO: 3.5 NOx + HC: 6.4 PM: 0.20

Altitude Derate Data

STANDARD

ALTITUDE CORRECTED POWER CAPABILITY (BHP)

AMBIENT OPERATING TEMP (F)	50	60	70	80	90	100	110	120	130	NORMAL
ALTITUDE (FT)										
0	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214
1,000	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214
2,000	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214
3,000	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214
4,000	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214
5,000	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214
6,000	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,214	1,197	1,214
7,000	1,214	1,214	1,214	1,214	1,214	1,212	1,191	1,170	1,150	1,214
8,000	1,214	1,214	1,214	1,207	1,185	1,164	1,144	1,124	1,105	1,214
9,000	1,214	1,204	1,181	1,159	1,138	1,118	1,098	1,079	1,061	1,214

10,000	1,178	1,155	1,134	1,113	1,092	1,073	1,054	1,036	1,018	1,195
11,000	1,130	1,108	1,088	1,068	1,048	1,029	1,011	994	977	1,154
12,000	1,084	1,063	1,043	1,024	1,005	987	970	953	937	1,115
13,000	1,039	1,019	1,000	981	964	946	930	914	898	1,077
14,000	996	977	958	940	923	907	891	876	861	1,039
15,000	954	935	918	901	884	868	853	838	824	1,003

Cross Reference

Test Spec	Setting	Engine Arrangement	Engineering Model	Engineering Model Version	Start Effective Serial Number	End Effective Serial Number
0K7925	PP5660	2671232	GS327	-	MJE00001	
3704841	GG0523	3495619	GS603	LS	MJE00001	
0K4031	GG0383	3541450	GS582	-	PEN00001	
3704841	GG0523	3884919	GS603	-	MJE00001	
3704841	GG0523	6034727	PG458	-	MJE00001	

Performance Parameter Reference

Parameters Reference:DM9600-15

PERFORMANCE DEFINITIONS

PERFORMANCE DEFINITIONS DM9600
APPLICATION:
Engine performance tolerance values below are representative of a typical production engine tested in a calibrated dynamometer test cell at SAE J1995 standard reference conditions. Caterpillar maintains ISO9001:2000 certified quality management systems for engine test Facilities to assure accurate calibration of test equipment. Engine test data is corrected in accordance with SAE J1995. Additional reference material SAE J1228, J1349, ISO 8665, 3046-1:2002E, 3046-3:1989, 1585, 2534, 2288, and 9249 may apply in part or are similar to SAE J1995. Special engine rating request (SERR) test data shall be noted.
PERFORMANCE PARAMETER TOLERANCE FACTORS:
Power +/- 3%
Torque +/- 3%
Exhaust stack temperature +/- 8%
Inlet airflow +/- 5%
Intake manifold pressure-gage +/- 10%
Exhaust flow +/- 6%
Specific fuel consumption +/- 3%
Specific fuel consumption (C7-C18) +/- 4%
Fuel rate +/- 5%
Specific DEF consumption +/- 3%
DEF rate +/- 5%
Heat rejection +/- 5%
Heat rejection exhaust only +/- 10%
Heat rejection CEM only +/- 10%
Heat Rejection values based on using treated water.
Torque is included for truck and industrial applications, do not use for Gen Set or steady state applications.
On C7 - C18 engines, at speeds of 1100 RPM and under these values are provided for reference only, and may not meet the tolerance listed.
On 3500 and C175 engines, at speeds below Peak Torque these values are provided for reference only, and may not meet the tolerance listed.
These values do not apply to C280/3600. For these models, see the tolerances listed below.
C280/3600 HEAT REJECTION TOLERANCE FACTORS:
Heat rejection +/- 10%
Heat rejection to Atmosphere +/- 50%
Heat rejection to Lube Oil +/- 20%
Heat rejection to Aftercooler +/- 5%
TEST CELL TRANSDUCER TOLERANCE FACTORS:
Torque +/- 0.5%
Speed +/- 0.2%
Fuel flow +/- 1.0%
Temperature +/- 2.0 C degrees
Intake manifold pressure +/- 0.1 kPa
OBSERVED ENGINE PERFORMANCE IS CORRECTED TO SAE J1995 REFERENCE
AIR AND FUEL CONDITIONS.
REFERENCE ATMOSPHERIC INLET AIR
FOR 3500 ENGINES AND SMALLER
SAE J1228 AUG2002 for marine engines, and J1995 JAN2014 for other

engines, reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity at the stated aftercooler water temp, or inlet manifold temp.

FOR 3600 ENGINES

Engine rating obtained and presented in accordance with ISO 3046/1 and SAE J1995 JANJAN2014 reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity and 150M altitude at the stated aftercooler water temperature.

MEASUREMENT LOCATION FOR INLET AIR TEMPERATURE

Location for air temperature measurement air cleaner inlet at stabilized operating conditions.

REFERENCE EXHAUST STACK DIAMETER

The Reference Exhaust Stack Diameter published with this dataset is only used for the calculation of Smoke Opacity values displayed in this dataset. This value does not necessarily represent the actual stack diameter of the engine due to the variety of exhaust stack adapter options available. Consult the price list, engine order or general dimension drawings for the actual stack diameter size ordered or options available.

REFERENCE FUEL

DIESEL

Reference fuel is #2 distillate diesel with a 35API gravity;
A lower heating value is 42,780 KJ/KG (18,390 BTU/LB) when used at 15 deg C (59 deg F), where the density is
850 G/Liter (7.0936 Lbs/Gal).

GAS

Reference natural gas fuel has a lower heating value of 33.74 KJ/L (905 BTU/CU Ft). Low BTU ratings are based on 18.64 KJ/L (500 BTU/CU FT) lower heating value gas. Propane ratings are based on 87.56 KJ/L (2350 BTU/CU Ft) lower heating value gas.

ENGINE POWER (NET) IS THE CORRECTED FLYWHEEL POWER (GROSS) LESS

EXTERNAL AUXILIARY LOAD

Engine corrected gross output includes the power required to drive standard equipment; lube oil, scavenge lube oil, fuel transfer, common rail fuel, separate circuit aftercooler and jacket water pumps. Engine net power available for the external (flywheel) load is calculated by subtracting the sum of auxiliary load from the corrected gross flywheel out put power. Typical auxiliary loads are radiator cooling fans, hydraulic pumps, air compressors and battery charging alternators. For Tier 4 ratings additional Parasitic losses would also include Intake, and Exhaust Restrictions.

ALTITUDE CAPABILITY

Altitude capability is the maximum altitude above sea level at standard temperature and standard pressure at which the engine could develop full rated output power on the current performance data set.

Standard temperature values versus altitude could be seen on TM2001.

When viewing the altitude capability chart the ambient temperature is the inlet air temp at the compressor inlet.

Engines with ADEM MEUI and HEUI fuel systems operating at conditions above the defined altitude capability derate for atmospheric pressure and temperature conditions outside the values defined, see TM2001.

Mechanical governor controlled unit injector engines require a setting change for operation at conditions above the altitude defined on the engine performance sheet. See your Caterpillar technical representative for non standard ratings.

REGULATIONS AND PRODUCT COMPLIANCE

TMI Emissions information is presented at 'nominal' and 'Potential Site Variation' values for standard ratings. No tolerances are applied to the emissions data. These values are subject to change at any time. The controlling federal and local emission requirements need to be verified by your Caterpillar technical representative.

Customer's may have special emission site requirements that need to be verified by the Caterpillar Product Group engineer.

EMISSION CYCLE LIMITS:

Cycle emissions Max Limits apply to cycle-weighted averages only. Emissions at individual load points may exceed the cycle-weighted limit.

WET & DRY EXHAUST/EMISSIONS DESCRIPTION:

Wet - Total exhaust flow or concentration of total exhaust flow
Dry - Total exhaust flow minus water vapor or concentration of exhaust flow with water vapor excluded

EMISSIONS DEFINITIONS:

Emissions : DM1176

EMISSION CYCLE DEFINITIONS

1. For constant-speed marine engines for ship main propulsion, including,diesel-electric drive, test cycle E2 shall be applied, for controllable-pitch propeller sets
test cycle E2 shall be applied.
2. For propeller-law-operated main and propeller-law-operated auxiliary engines the test cycle E3 shall be applied.

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3. For constant-speed auxiliary engines test cycle D2 shall be applied.
4. For variable-speed, variable-load auxiliary engines, not included above, test cycle C1 shall be applied.

HEAT REJECTION DEFINITIONS:
Diesel Circuit Type and HHV Balance : DM9500
HIGH DISPLACEMENT (HD) DEFINITIONS:
3500: EM1500
RATING DEFINITIONS:
Agriculture : TM6008
Fire Pump : TM6009
Generator Set : TM6035
Generator (Gas) : TM6041
Industrial Diesel : TM6010
Industrial (Gas) : TM6040
Irrigation : TM5749
Locomotive : TM6037
Marine Auxiliary : TM6036
Marine Prop (Except 3600) : TM5747
Marine Prop (3600 only) : TM5748
MSHA : TM6042
Oil Field (Petroleum) : TM6011
Off-Highway Truck : TM6039
On-Highway Truck : TM6038
SOUND DEFINITIONS:
Sound Power : DM8702
Sound Pressure : TM7080
Date Released : 03/12/24