PLID 01573

BUILDING THE FUTURE

Southeastern Pennsylvania Transportation Authority
1234 Market Street • Philadelphia, PA 19107-3780

Innovation Integration SEPTA Renewal

April 12, 2017

2017 APR 17 AM 11:03

Mr. Edward Wiener
City of Philadelphia
Air Management Services
321 University Avenue
Philadelphia, PA 19104-4543

Subject: **SEPTA – Robert's Complex (Plant ID 01573) Renewal Application for Synthetic Minor Operating Permit S12-019**

Dear Mr. Wiener,

Southeastern Pennsylvania Transportation Authority (SEPTA) hereby submits to Philadelphia Air Management Services (PAMS) for consideration a Synthetic Minor Operating Permit (SMOP) renewal application for SEPTA's Robert's Complex (the "Facility"). The Facility has been operating under SMOP Number S12-019, which was issued on November 19, 2013 and expires on November 19, 2017. SEPTA requests the incorporation of installation permit numbers 13302 and 13303 for two (2) dual-fired boilers into the SMOP. Additionally, SEPTA requests the removal of the welder engine (WE-01) from the permit. This unit was removed from the Facility and replaced with an electric welder. The Facility is not requesting any other changes in permitted equipment at this time.

As demonstrated in Attachment C, Emissions Estimates, the Facility has the potential to exceed the Title V permitting threshold for NOx when all emission sources operate at maximum capacity. The Facility limits NOx, VOC, and total HAP emissions to less than 25 tpy, as well as individual HAP emissions to less than 10 tpy, in order to be classified as a synthetic minor facility. Rolling 12- month emission calculations will be performed to ensure these thresholds are not exceeded.

Through this application, SEPTA requests that the 40 CFR 63 Subpart JJJJJJ gas-fired boiler exemption requirement be removed from the permit (Condition D.2.(a)(4) of Permit S12-019). As required, SEPTA will demonstrate compliance within 180 days of the effective date of the fuel switch. Upon commencement of operation outside of the definition of gas-fired boiler, SEPTA will comply with the tune-up and recordkeeping requirements of Subpart JJJJJJ. A notification of the fuel switch will be submitted according to 40 CFR 63.11225(g) requirements within 30 days of the switch. There will be no change to potential emissions from the change in allowable fuels; emission estimates provided in Attachment C include the worst-case emissions from either natural gas-firing or No. 2 fuel oil-firing. Attachment D provides a mark-up of the current permit with requested conditions related to Subpart JJJJJJ.

Enclosed are the following items that constitute this permit renewal application:

- Synthetic Minor Operating Permit Renewal Application;
- Compliance Review Form (Attachment A);
- Process Flow Diagrams and Insignificant Source List (Attachment B);
- Emissions Estimates (Attachment C);
- Permit Mark-up (Attachment D); and
- Synthetic Minor Permit Renewal Application Fee.

Please contact the undersigned at (215) 580-8144 or RHarris@septa.org if you have any questions pertaining to this permit application. Thank you for your expeditious review of the renewal application.

Sincerely,

Richard M. Harris, PG
Environmental Officer

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AECOM

SEPTA – Roberts Complex Renewal Application

Synthetic Minor Operating Permit S12-019

March 2017

AECOM

Prepared for SEPTA
March 2017

SEPTA

SEPTA – Roberts Complex Renewal Application

Ashley Szatkowski

Prepared By
Ashley Szatkowski

Jennifer Ehrhardt

Reviewed By
Jennifer Ehrhardt

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC HEALTH
PUBLIC HEALTH SERVICES
AIR MANAGEMENT SERVICES

Air Management Services
321 University Avenue
Philadelphia PA 19104-4543
Phone: (215) 685-7572
FAX: (215) 685-7593

SYNTHETIC MINOR OPERATING PERMIT APPLICATION

FOR OFFICIAL USE ONLY

City OP #: OP170000024

Reviewed By:

Date: 4·17·17

Comments:

Check # 513803

Section 1: General Information

1.1 *Application Type*

Type of permit for which application is made:

- [ ] Initial
- [x] Synthetic Minor
- [x] Renewal
- [ ] Natural Minor
- [ ] Modification
- [ ] Other: _____

1.2 *Plant Information*

a) Tax ID: 23-1642972 b) Firm Name: Southeastern Pennsylvania Transportation Authority

c) Plant ID: 01573 d) Plant Name: Roberts Complex

e) Plant Address: 341-342 Roberts Avenue Philadelphia, PA 19140; 4301 Wissahickon Avenue Philadelphia, PA 19140; 4400 Clarissa Street Philadelphia, PA 19140

f) Permit Contact: Richard Harris g) Telephone Number: (215) 580-8144

h) SIC Code: 4111 i) Description of SIC Code: Local and Suburban Transit

j) County: Philadelphia k) Municipality: Philadelphia

l) UTM Zone: 18 UTM North: 4,430,000 m UTM East: 486,098 m

m) Method of Obtaining UTM: Google Earth

1.3 *Mailing Information*

Name: Richard Harris Title: Environmental Officer

Address: 1234 Market St., 6th Floor, Philadelphia, PA 19107 Phone: (215) 580-8144

Email: RHarris@septa.org

1.4 *Certification of Truth, Accuracy and Completeness*

This certification must be signed by a responsible official. Applications without a signed certification will be returned as incomplete.

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete.

(Signed) _____ Date 04/12/2017

Name (Typed) Scott Sauer Title: Assistant General Manager, System Safety

Please read instructions carefully before completing this application.

Section 2: Site Information

2.1 Facility Type

Can this facility be considered a: Natural Minor Facility ☐ OR Synthetic Minor Facility ☑

Natural Minor Facility: If this box is checked, please skip Sections 2.2 through 2.4 and go to Section 3.

Synthetic Minor Facility: If this box is checked, go on to Section 2.2.

IMPORTANT: Note that all Synthetic Minor Facilities must be able to meet the proposed restrictions and/or limitations immediately upon the submission of this application. By signing the Certification of Compliance in Section 10 of this application, the facility for which a Synthetic Minor Status is proposed will be deemed a Synthetic Minor Facility according to the restrictions and/or limitations proposed upon receipt of the application by the AMS, unless AMS determines that the facility is unable to meet the Synthetic Minor requirements at a later date.

2.2 Synthetic Minor Facility Information (To be completed by all facilities seeking Synthetic Minor Status)

Synthetic Minor Status for this facility can be taken at the (check one) : Source Level ☐ OR Site Level ☑

If limitations and/or restrictions can be taken at the site level (for all sources within this facility), complete the following questions, otherwise please go on to Section 3.

Synthetic Minor Status for the Entire Site is achievable through the following (Please check all that apply):

☐ Restriction on hours of operation → Hours of Operation in a year: _____

☐ Restriction of Production Rate → Proposed Production Rate: _____ Units: _____

☐ Type of Fuel → Type of Fuel: _____

% Sulfur: _____ %Ash: _____

BTU Content: _____ Units: _____

☐ Fuel usage restriction → Fuel Type: _____

Maximum Throughput: _____ Units: _____

☐ Control Device → Type of Control Device: _____

Control Device Component ID: _____

Control Efficiency: _____

☑ Emissions Limitation → Pollutant Type: NOx, VOC, total HAPs each <25; indiv. HAP <10

Emission Rate: see above Unit: tpy

Note: If this section is completed, the applicant can omit Sections 4.5, 4.6, and 4.7 for all sources within this permit application.

2.3 *Compliance Method for the Site (For Synthetic Minor Facilities only)*

Complete this section only if limitations and/or restrictions were proposed in Section 2.2.

a) Explain how you would demonstrate compliance with the restrictions and/or limitations listed in Section 2.2:

The Permittee shall monitor monthly NOx, VOC, and HAP emissions from the facility to demonstrate compliance with the Synthetic Minor emissions limit for NOx, VOC, and HAPs. Verification shall be based on material balance, fuel usage, AP-42 emission factors, or other factors approved by AMS.

b) Describe what is to be reported in the compliance report:

Fuel usage (combustion sources), hours of operation (emergency generator, sandblasting operations), gasoline throughput (storage tanks), windshield washer fluid throughput, solvent/paint usage (parts washers, spray booth), and facility-wide emissions.

c) Reporting start date: January 31 (Annual Monitoring Report), March 1 (Annual Emission Statement)

d) Indicate the frequency for submitting compliance report as explained above: Annual

2.4 *Potential Emission Estimates for the Site (For Synthetic Minor Applications only)*

Provide the estimated potential emission for the site BEFORE and AFTER utilizing the proposed restrictions and/or limitations. Duplicate this page as necessary. Complete this section only if limitations and/or restrictions were proposed in Section 2.2.

Pollutant or CAS No.	Potential Emission BEFORE taking limitations (TPY)	Potential Emission AFTER taking limitations (TPY)
NOx	30.38	< 25
VOC	2.76	< 25
TSP	3.77	3.77
PM10 / PM2.5	4.25	4.25
CO	12.59	12.59
SOx	0.31	0.31
Pb	1.60E-03	1.60E-03
HAPs	0.26	< 25 (total); < 10 (individual)

*** Provide all supporting calculation methods as an attachment at the end of this application.**

Section 3: Site Inventory

3.1 Site Inventory

Give a complete listing of all air pollution sources, control equipment, emission points, and fuel material locations within this site. Duplicate this page as necessary.

Component ID	Company Designation	Unit Type
COMB-01	Boiler No. 1	Combustion Unit
COMB-02	Boiler No. 2	Combustion Unit
COMB-03	Boiler No. 3	Combustion Unit
COMB-04	Boiler No. 4	Combustion Unit
COMB-05	Boiler No. 5	Combustion Unit
COMB-06	Boiler No. 6	Combustion Unit
COMB-07	Boiler No. 7 with FGR	Combustion Unit
COMB-08	Boiler No. 8 with FGR	Combustion Unit
COMB-09	Boiler No. 9	Combustion Unit
COMB-10	Boiler No. 10	Combustion Unit
COMB-11	Pressure Washer	Combustion Unit
COMB-12	Space Heater No. 1	Combustion Unit
COMB-13	Space Heater No. 2	Combustion Unit
COMB-14	Space Heater No. 3	Combustion Unit
COMB-15	Space Heater No. 4	Combustion Unit
COMB-16	Space Heater No. 5	Combustion Unit
COMB-17	Space Heater No. 6	Combustion Unit
EG-01	Emergency Generator	Combustion Unit
AC-01	Air Compressor for sand blasting operations	Combustion Unit
BLAST-01	Sand Blasting Operations	Process

Section 3: Site Inventory

3.1 Site Inventory

Give a complete listing of all air pollution sources, control equipment, emission points, and fuel material locations within this site. Duplicate this page as necessary.

Component ID	Company Designation	Unit Type
Stage 2-01	Stage 2 Vapor Recovery / Gas Dispensing	Process
PW-01	Five (5) Parts Washers / Degreasers	Process
SB-01	Spray booth	Process
CU-SB	Spray booth burner	Combustion Unit
TANK-01	Windshield Washer Fluid Tank	Process
CSTAC-01	Combustion Stack 1	Stack
CSTAC-02	Combustion Stack 2	Stack
CSTAC-04	Combustion Stack 4	Stack
CSTAC-05	Combustion Stack 5	Stack
CSTAC-07	Combustion Stack 7	Stack
CSTAC-08	Combustion Stack 8	Stack
CSTAC-09	Combustion Stack 9	Stack
CSTAC-11	Combustion Stack 11	Stack
CSTAC-12	Combustion Stack 12	Stack
CSTAC-13	Combustion Stack 13	Stack
CSTAC-14	Combustion Stack 14	Stack
CSTAC-15	Combustion Stack 15	Stack
CSTAC-16	Combustion Stack 16	Stack
CSTAC-17	Combustion Stack 17	Stack
EGSTAC-01	Emergency Generator Stack	Stack

Section 3: Site Inventory

3.1 Site Inventory

Give a complete listing of all air pollution sources, control equipment, emission points, and fuel material locations within this site. Duplicate this page as necessary.

Component ID	Company Designation	Unit Type
S-AC-01 & BLAST-01	Sand Blasting Compressor and Operations Exhaust / Fugitive	Fugitive
S2STAC-01	Stage 2 Gasoline Tank Stack	Stack
S-PW-01	Exhausts for Parts Washers	Fugitive
SBSTAC-01	Spray Booth Stack	Stack
TSTAC-01	WWF Tank Stack	Stack

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-01 b) Company Designation: Boiler No. 1

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Cleaver-Brooks f) Model Number: CB500-100

g) Source Description: 4.184 MMBtu/hr #2 Fuel Oil-fired Boiler

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 640.9 ds~~A~~CFM Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-01	Stack	CSTAC-01	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-005-03	4.184 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
#2 Fuel Oil	N/A	0.0015%	0%	137,000 Btu/gal

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-02 b) Company Designation: Boiler No. 2

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Cleaver-Brooks f) Model Number: CB500-200

g) Source Description: 8.369 MMBtu/hr #2 Fuel Oil-fired Boiler

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 1282 dsACFM Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-02	Stack	CSTAC-02	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-005-03	8.369 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
#2 Fuel Oil	N/A	0.0015%	0%	137,000 Btu/gal

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-03 b) Company Designation: Boiler No. 3

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Cleaver-Brooks f) Model Number: CB500-200

g) Source Description: 8.369 MMBtu/hr #2 Fuel Oil-fired Boiler

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 1282 ds~~A~~CFM
Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-03	Stack	CSTAC-02	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-005-03	8.369 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
#2 Fuel Oil	N/A	0.0015%	0%	137,000 Btu/gal

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-04 b) Company Designation: Boiler No. 4

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: H.B. Smith f) Model Number: N/A

g) Source Description: 0.522 MMBtu/hr #2 Fuel Oil-fired Boiler

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 79.95 ds~~A~~CFM Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-04	Stack	CSTAC-04	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-005-03	0.522 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
#2 Fuel Oil	N/A	0.0015%	0%	137,000 Btu/gal

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-05 b) Company Designation: Boiler No. 5

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: A.O. Smith f) Model Number: BTP150-720

g) Source Description: 0.72 MMBtu/hr Natural Gas-fired Boiler

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 104.5 ds~~A~~CFM Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-05	Stack	CSTAC-05	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-006-03	0.72 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-06 b) Company Designation: Boiler No. 6

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: A.O. Smith f) Model Number: BTP140-720

g) Source Description: 0.72 MMBtu/hr Natural Gas-fired Boiler

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 104.5 ds~~A~~CFM Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-06	Stack	CSTAC-05	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-006-03	0.72 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-07 b) Company Designation: Boiler No. 7 with FGR

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: IP 13302

e) Manufacturer: Kewanee f) Model Number: K-350-G04-FGR

g) Source Description: 9.0 MMBtu/hr Dual fuel-fired Boiler (#2 Fuel Oil and Natural Gas)

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 1,379 dsACFM Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-07	Stack	CSTAC-07	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-005-03	9.0 MMBtu/hr	Sequentially
Boiler	1-03-006-02	9.0 MMBtu/hr	Sequentially

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
No. 2 Fuel Oil	N/A	0.0015%	0%	137,000 Btu/gal
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-08 b) Company Designation: Boiler No. 8 with FGR

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: IP 13303

e) Manufacturer: Kewanee f) Model Number: K-350-G04-FGR

g) Source Description: 9.0 MMBtu/hr Dual fuel-fired Boiler (#2 Fuel Oil and Natural Gas)

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 1,379 ds~~A~~CFM Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-08	Stack	CSTAC-08	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-005-03	9.0 MMBtu/hr	Sequentially
Boiler	1-03-006-02	9.0 MMBtu/hr	Sequentially

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
No. 2 Fuel Oil	N/A	0.0015%	0%	137,000 Btu/gal
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-09 b) Company Designation: Boiler No. 9

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Smith f) Model Number: 19 Series-4

g) Source Description: 0.359 MMBtu/hr Natural Gas-fired Boiler

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 52 ~~ACFM~~ dsCFM
Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-09	Stack	CSTAC-09	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-006-03	0.359 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-10 b) Company Designation: Boiler No. 10

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Smith f) Model Number: 19 Series-4

g) Source Description: 0.359 MMBtu/hr Natural Gas-fired Boiler

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 52 ~~ds~~ACFM
Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-10	Stack	CSTAC-09	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Boiler	1-03-006-03	0.359 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-11 b) Company Designation: Pressure Washer

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Hotsy f) Model Number: 5732

g) Source Description: 0.657 MMBtu/hr Natural Gas-fired Pressure Washer

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 95.37 dsACFM Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-11	Stack	CSTAC-11	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Pressure Washer	1-03-006-03	0.657 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-12 b) Company Designation: Space Heater No. 1

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Reznor f) Model Number: B400-S-E

g) Source Description: 0.40 MMBtu/hr Natural Gas-fired Space Heater

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 58 ds~~A~~CFM
Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-12	Stack	CSTAC-12	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Space Heater	1-05-002-06	0.40 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-13 b) Company Designation: Space Heater No. 2

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Reznor f) Model Number: B400-S-E

g) Source Description: 0.40 MMBtu/hr Natural Gas-fired Space Heater

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 58 dsACFM
Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-13	Stack	CSTAC-13	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Space Heater	1-05-002-06	0.40 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-14 b) Company Designation: Space Heater No. 3

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Reznor f) Model Number: B400-S-E

g) Source Description: 0.40 MMBtu/hr Natural Gas-fired Space Heater

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 58 dsACFM Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-14	Stack	CSTAC-14	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Space Heater	1-05-002-06	0.40 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-15 b) Company Designation: Space Heater No. 4

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Reznor f) Model Number: B400-S-E

g) Source Description: 0.400 MMBtu/hr Natural Gas-fired Space Heater

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 58 dsACFM
Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-15	Stack	CSTAC-15	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Space Heater	1-05-002-06	0.40 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-16 b) Company Designation: Space Heater No. 5

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Reznor f) Model Number: B400-S-E

g) Source Description: 0.40 MMBtu/hr Natural Gas-fired Space Heater

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 58 dsACFM
Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust $\%CO_2$: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-16	Stack	CSTAC-16	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Space Heater	1-05-002-06	0.40 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: COMB-17 b) Company Designation: Space Heater No. 6

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Reznor f) Model Number: B400-S-E

g) Source Description: 0.40 MMBtu/hr Natural Gas-fired Space Heater

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 58 ds~~A~~CFM
Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	COMB-17	Stack	CSTAC-17	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Space Heater	1-05-002-06	0.40 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: EG-01 b) Company Designation: Emergency Generator

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: CAT f) Model Number: 3512

g) Source Description: 10.150 MMBtu/hr Diesel-fired Emergency Generator

h) Installation Date: 1996

i) Exhaust Temperature: 975 Units °F

j) Exhaust %Moisture: N/A

Exhaust Flow Vol: 8,350-8,400 ACFM Estimated flow rate

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	EG-01	Stack	EGSTAC-01	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Emergency Generator	2-03-001-01	10.150 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Diesel	N/A	0.2%	0%	137,000 Btu/gal

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: AC-01 b) Company Designation: Air Compressor for sand blasting operations

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Ingersoll Rand f) Model Number: P260WIR

g) Source Description: 79 HP Diesel-fired Air Compressor

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: N/A ACFM

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	AC-01	Process	BLAST-01	100%		
Process	BLAST-01	Fugitive	S-AC-01 & S-BLAST-01	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Air Compressor	2-03-001-01	79 HP	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Diesel	N/A	0.2%	0%	137,000 Btu/gal

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: BLAST-01 b) Company Designation: Sand Blasting Operations

c) Source Type (check one): ☐ Combustion ☐ Incinerator ☒ Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: N/A f) Model Number: N/A

g) Source Description: Sand Blasting Operations

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: N/A ACFM

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	AC-01	Process	BLAST-01	100%		
Process	BLAST-01	Fugitive	S-AC-01 & S-BLAST-01	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Blasting Operations	3-09-002-02	448 lb/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
N/A				

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: Stage 2-01 b) Company Designation: Stage 2 Vapor Recovery / Gas Dispensing

c) Source Type (check one): ☐ Combustion ☐ Incinerator ☒ Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Gasboy f) Model Number: 9153AF

g) Source Description: 10,000 gallon gasoline storage tank with stage 2 vapor recovery system

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: N/A ACFM

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Process	Stage 2-01	Stack	S2STAC-01	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Gasoline Dispensing	4-04-001-07	10,000 gal/yr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
N/A				

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: PW-01 b) Company Designation: Five (5) Parts Washers / Degreasers

c) Source Type (check one): ☐ Combustion ☐ Incinerator ☒ Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: N/A f) Model Number: N/A

g) Source Description: Five (5) Parts Washers / Degreasers (Cold Cleaning Machines)

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: N/A ACFM

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Process	PW-01	Fugitive	S-PW-01	100%		

Please read instructions carefully before completing this application.

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Parts Washing	4-01-002-95	200 gal/yr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
N/A				

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: SB-01 b) Company Designation: Spray Booth

c) Source Type (check one): ☐ Combustion ☐ Incinerator ☒ Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: Binks Sames Corporation f) Model Number: N/A

g) Source Description: Spray Booth

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: N/A ACFM

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	CU-SB	Process	SB-01	100%		
Process	SB-01	Stack	SBSTAC-01	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Spray painting	4-02-016-99	1,600 gal/yr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
N/A				

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: CU-SB b) Company Designation: Spray Booth Burner

c) Source Type (check one): [X] Combustion [ ] Incinerator [ ] Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: N/A f) Model Number: N/A

g) Source Description: 1.771 MMBtu/hr Natural Gas-fired Spray Booth Burner

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: 257 dsACFM
Estimated per F-factor method

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust $\%CO_2$: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Combustion Unit	CU-SB	Process	SB-01	100%		
Process	SB-01	Stack	SBSTAC-01	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
Burner	1-05-002-06	1.771 MMBtu/hr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
Natural Gas	N/A	0%	0%	1,020 Btu/ft^3

* FML = Fuel Material Location

Section 4: Source Information

(Complete this section for each source in this site. Duplicate this Section as needed)

4.1 General Source Information

a) Component ID: TANK -01 b) Company Designation: Windshield Washer Fluid Tank

c) Source Type (check one): ☐ Combustion ☐ Incinerator ☒ Process

d) IP or OL #: SMOP S12-019

e) Manufacturer: N/A f) Model Number: N/A

g) Source Description: 2, 000 gallon Windshield Washer Fluid Storage Tank

h) Installation Date: N/A

i) Exhaust Temperature: N/A Units N/A j) Exhaust %Moisture: N/A Exhaust Flow Vol: N/A ACFM

Incinerators: Complete the following additional information

a) Incinerator Capacity: _____ Lbs/Hr b) Prim Burner Cap: _____ Units _____

c) Exhaust %CO_2: _____ d) 2nd Burner Cap: _____ Units _____

e) Inc. Class: _____

f) Waste Type: _____ g) Waste BTU/lb: _____

4.2 Exhaust System Components

Explain how the exhaust components are configured:

From Component Type	From Component ID	To Component Type	To Component ID	Percent Flow	Begin Date	End Date
Process	TANK-01	Stack	TSTAC-01	100%		

4.3 *Source Classification Code (SCC) Listing for Standard Operation*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

Process	Associated SCC	Max Throughput Rate	Firing Sequence
WWF Storage	4-07-008-15	1,500 gal/yr	N/A

4.4 *Source Standard Fuel Physical Characteristics*

Please DO NOT place restrictions and/or limitations here. Complete the table by giving information as if no restrictions and/or limitations are proposed. Proposed restrictions and/or limitations should be given in Section 4.5.

SCC/Fuel Burned	FML	% Sulfur	% Ash	BTU Content (Units)
N/A				

* FML = Fuel Material Location

Section 5: Control Device Information (Duplicate this Section as needed)

5.1 General Control Device Information

a) Control Device Component ID: SB-01 b) Company Designation: Spray Booth Filters

c) Type: Fabric Filters

d) Pressure Drop in H20: N/A e) Capture Efficiency: 100%

f) Scrubber Flow Rate (GPM): N/A

g) Manufacturer: Paint Pockets h) Model Number: Andrea - (8) 3'x20' filters

i) Installation Date: N/A

j) Used By Sources: SB-01

k) Control Efficiency Estimates for this control device:

Pollutant or CAS Number	Efficiency Estimated	Basis for Efficiency Estimate
PM10/PM2.5	99.84%	Manufacturer's Data

Section 5: Control Device Information (Duplicate this Section as needed)

5.1 General Control Device Information

a) Control Device Component ID: Stage 2-01 b) Company Designation: Stage 2 Vapor Recovery

c) Type: (2) Gasoline Dispensers equipped with Stage 2 Vapor Recovery

d) Pressure Drop in H20: N/A e) Capture Efficiency: 95%

f) Scrubber Flow Rate (GPM): N/A

g) Manufacturer: Gasboy h) Model Number: 9153AF

i) Installation Date: N/A

j) Used By Sources: Stage 2-01

k) Control Efficiency Estimates for this control device:

Pollutant or CAS Number	Efficiency Estimated	Basis for Efficiency Estimate
VOC	95%	Manufacturer's Data

Section 6: Stack/Flue Information (Duplicate this section as needed)

6.1 General Stack Information

a) Component ID: CSTAC-01 b) Stack Name: Combustion Stack 1 c) Discharge Type: Vertical

d) Diameter (Ft): 1.2 ft Height (Ft): 45 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 640.9 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
455 ft

h) Weather Cap?: [X] Yes [ ] No

i) Used By Sources: COMB-01

a) Component ID: CSTAC-02 b) Stack Name: Combustion Stack 2 c) Discharge Type: Vertical

d) Diameter (Ft): 2.1 ft Height (Ft): 32 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 2,564 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
710 ft

h) Weather Cap?: [ ] Yes [X] No

i) Used By Sources: COMB-02, COMB-03

a) Component ID: CSTAC-04 b) Stack Name: Combustion Stack 4 c) Discharge Type: Vertical

d) Diameter (Ft): 1.0 ft Height (Ft): 15 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 79.95 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
375 ft

h) Weather Cap?: [X] Yes [ ] No

i) Used By Sources: COMB-04

Section 6: Stack/Flue Information (Duplicate this section as needed)

6.1 General Stack Information

a) Component ID: CSTAC-05 b) Stack Name: Combustion Stack 5 c) Discharge Type: Vertical

d) Diameter (Ft): 1.33 ft Height (Ft): 25 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 209 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
635 ft

h) Weather Cap?: [X] Yes [ ] No

i) Used By Sources: COMB-05, COMB-06

a) Component ID: CSTAC-07 b) Stack Name: Combustion Stack 7 c) Discharge Type: Vertical

d) Diameter (Ft): 1.7 ft Height (Ft): 22 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 1,379 d SCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
660 ft

h) Weather Cap?: [X] Yes [ ] No

i) Used By Sources: COMB-07

a) Component ID: CSTAC-08 b) Stack Name: Combustion Stack 8 c) Discharge Type: Vertical

d) Diameter (Ft): 1.7 ft Height (Ft): 22 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 1,379 d SCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
660 ft

h) Weather Cap?: [X] Yes [ ] No

i) Used By Sources: COMB-08

Section 6: Stack/Flue Information (Duplicate this section as needed)

6.1 General Stack Information

a) Component ID: CSTAC-09 b) Stack Name: Combustion Stack 9 c) Discharge Type: Vertical

d) Diameter (Ft): 0.8 ft Height (Ft): 23 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 104 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
250 ft

h) Weather Cap?: [X] Yes [ ] No

i) Used By Sources: COMB-09, COMB-10

a) Component ID: CSTAC-11 b) Stack Name: Combustion Stack 11 c) Discharge Type: Vertical

d) Diameter (Ft): 1.0 ft Height (Ft): 30.5 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 95.37 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
680 ft

h) Weather Cap?: [X] Yes [ ] No

i) Used By Sources: COMB-11

a) Component ID: CSTAC-12 b) Stack Name: Combustion Stack 12 c) Discharge Type: Vertical

d) Diameter (Ft): 1.0 ft Height (Ft): 20 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 58 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
490 ft

h) Weather Cap?: [ ] Yes [X] No

i) Used By Sources: COMB-12

Section 6: Stack/Flue Information (Duplicate this section as needed)

6.1 General Stack Information

a) Component ID: CSTAC-13 b) Stack Name: Combustion Stack 13 c) Discharge Type: Vertical

d) Diameter (Ft): 1.0 ft Height (Ft): 20 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 58 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
490 ft

h) Weather Cap?: ☐ Yes ☒ No

i) Used By Sources: COMB-13

a) Component ID: CSTAC-14 b) Stack Name: Combustion Stack 14 c) Discharge Type: Vertical

d) Diameter (Ft): 1.0 ft Height (Ft): 20 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 58 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
345 ft

h) Weather Cap?: ☐ Yes ☒ No

i) Used By Sources: COMB-14

a) Component ID: CSTAC-15 b) Stack Name: Combustion Stack 15 c) Discharge Type: Vertical

d) Diameter (Ft): 1.0 ft Height (Ft): 20 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 58 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft):
330 ft

h) Weather Cap?: ☐ Yes ☒ No

i) Used By Sources: COMB-15

Section 6: Stack/Flue Information (Duplicate this section as needed)

6.1 General Stack Information

a) Component ID: CSTAC-16 b) Stack Name: Combustion Stack 16 c) Discharge Type: Vertical

d) Diameter (Ft): 1.0 ft Height (Ft): 20 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 58 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft): 315 ft

h) Weather Cap?: [ ] Yes [X] No

i) Used By Sources: COMB-16

a) Component ID: CSTAC-17 b) Stack Name: Combustion Stack 17 c) Discharge Type: Vertical

d) Diameter (Ft): 1.0 ft Height (Ft): 20 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: 58 dSCFM
Estimated as per F-factor Method

g) Distance to Nearest Property Line (Ft): 290 ft

h) Weather Cap?: [ ] Yes [X] No

i) Used By Sources: COMB-17

a) Component ID: EGSTAC-01 b) Stack Name: Emergency Generator Stack c) Discharge Type: Vertical

d) Diameter (Ft): 0.75 ft Height (Ft): 23 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: 975 Units: °F Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: 8,350-8,400 ACFM Exhaust Volume: N/A SCFM
Estimated flow rate

g) Distance to Nearest Property Line (Ft): 680 ft

h) Weather Cap?: [ ] Yes [X] No

i) Used By Sources: EG-01

Section 6: Stack/Flue Information (Duplicate this section as needed)

6.1 General Stack Information

a) Component ID: S2STAC-01 b) Stack Name: Stage 2 Gasoline Tank Stack c) Discharge Type: Vertical

d) Diameter (Ft): 0.17 ft Height (Ft): 35 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: N/A SCFM

g) Distance to Nearest Property Line (Ft): 640 ft

h) Weather Cap?: ☐ Yes ☒ No

i) Used By Sources: Stage 2-01

a) Component ID: TSTAC-01 b) Stack Name: WWF Tank Stacks c) Discharge Type: Vertical

d) Diameter (Ft): (1) 0.33 ft (1) 0.42 ft Height (Ft): 13 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: N/A Units: N/A Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: N/A ACFM Exhaust Volume: N/A SCFM

g) Distance to Nearest Property Line (Ft): 550 ft

h) Weather Cap?: ☐ Yes ☒ No

i) Used By Sources: TANK-01

a) Component ID: SBSTAC-01 b) Stack Name: Spray Booth Stack c) Discharge Type: Vertical

d) Diameter (Ft): (2) 3.5 ft Height (Ft): 66.5 ft Base Elevation (Ft): 0 ft

e) Exhaust Temperature: 70 Units: °F Exhaust %Moisture: N/A Exhaust Velocity: N/A Ft/Sec

f) Exhaust Volume: 72,260 ACFM Exhaust Volume: N/A SCFM
72,000 cfm Spray Booth, 260 cfm Burner

g) Distance to Nearest Property Line (Ft): 500 ft

h) Weather Cap?: ☐ Yes ☒ No

i) Used By Sources: SB-01, CU-SB

Section 9: Certification of Compliance for Synthetic Minor Source

In order for this synthetic minor facility to avoid the Title V operating permit requirements, the applicant must agree to be bound by the emissions limitations and/or restrictions contained in this application. In addition, the applicant must agree that these emission limitations are enforceable by AMS, the Environmental Protection Agency, and the citizens.

9.1 Schedule for Compliance Certification Submission

a) Frequency of submittal: Annual, by January 31st

b) Beginning Date: _____/_____/_____

9.2 Certification of Compliance (for Synthetic Minor Facility only)

I certify and agree under the penalty of 18 Pa. CS 4904 and 35 PS 4009 (b) (2) that the sources covered by this application agree to implement the emission limitations and other requirements contained in this application and in all plan approvals and operating permits previously issued to the sources. I further certify and agree that the emission limitations and other requirements contained in this application and all plan approvals and operating permits issued to the sources covered by the application are enforceable by AMS, the Environmental Protection Agency (EPA), and the citizens.

(Signed) _____ Date 04 / 12 / 2013

Name (Typed) Scott Sauer