



NORTH AMERICAN STAINLESS

6870 Highway 42 East
Ghent, KY 41045-9615

Phone: (502) 347-6000
Fax: (502) 347-6607

April 29, 2026

Vahid Bakhtiari
KYDEP Division for Air Quality
300 Sower Boulevard
2nd Floor
Frankfort, KY 40601

AI: 711

Re: Permit Modification for Natural Gas Boilers (EP # 009, 010, 110, 103)

KDAQ,

North American Stainless is submitting this application to modify the permit to better comply with the permit conditions without increasing the potential emission rates.

Currently, NAS is permitted to have four 36-mmbtu/hr boilers with one boiler (Boiler #3) as a backup unit.

Emission Point #	Description	Maximum Capacity (MMBtu/hr)	Fuel	Control Equipment	Construction Commenced
009 (S-09)	Boiler #1	36	Natural Gas	None	2/1/1992
010 (S-10)	Boiler #2	36	Natural Gas	None	2/1/1992
110 (S-110)	Standby Boiler #3	36	Natural Gas	None	7/1/2000
103 (S-103)	Boiler #4	36	Natural Gas	None	4/1/2008

Under the current permit language in **2. Emission Limitations (c)**, following emission limits are not be exceeded:

Emission Point #	CO Limit*	PM Limit*	SO ₂ Limit*	NO _x Limit*	VOC Limit*
009, 010, 110	---	1.0 ton/yr**	1.0 ton/yr**	---	---
103	1.30 lb/hr; 5.68 ton/yr	0.27 lb/hr; 1.18 ton/yr	---	1.26 lb/hr; 5.52 ton/yr	0.19 lb/hr; 0.85 ton/yr

*Lb/hr limits are 3-hour averages and ton/yr limits are 12-month rolling totals.

**Combined limits for EPs 009, 010, 110.

Due to the current language and configuration of the emission limits, Boiler #3 cannot operate as a back up for all four boilers. To allow for the use of the back up boiler effectively, the particulate emission limit for all four boilers

should be combined. The summation of the PM limits does not increase the potential emissions for the four boilers, but does allow for the flexibility to effectively operate with any 3 boilers.

Emission Point #	CO Limit*	PM Limit*	SO2 Limit*	NOx Limit*	VOC Limit*
009, 010, 110	---		1.0 ton/yr**	---	---
009, 010, 110, 103		2.18 ton/yr***			
103	1.30 lb/hr; 5.68 ton/yr	0.27 lb/hr	---	1.26 lb/hr; 5.52 ton/yr	0.19 lb/hr; 0.85 ton/yr

*Lb/hr limits are 3-hour averages and ton/yr limits are 12-month rolling totals.

**Combined limits for EPs 009, 010, 110.

*** Combined annual limit for EPs 009, 010, 103, 110.

The monitoring and recordkeeping requirements will need to be slightly modified as shown below:

4. Specific Monitoring Requirements....

c. For EP 009, 010, and 110, the permittee shall calculate monthly and 12-month rolling emissions of PM and SO2 to ensure compliance with the emission limitations in **2. EMISSION Limitations (c)**.

d. For EP 009, 010, 103 and 110, the permittee shall calculate monthly and 12-month rolling emissions of PM ensure compliance with the emission limitations in **2. EMISSION Limitations (c)**.

4. Specific Recordkeeping Requirements....

c.. For EP 009, 010, 103 and 110, the permittee shall keep records of monthly and 12-month rolling emissions of PM ensure compliance with the emission limitations in **2. EMISSION Limitations (c)**.

d. For EP 009, 010, and 110, the permittee shall keep records of monthly and 12-month rolling emissions of PM and SO2 to ensure compliance with the emission limitations in **2. EMISSION Limitations (c)**.

Attached please find the attached AI form and draft permit language for this revision.

If you have any questions or require additional information, please contact me at (502) 741-3937 or by email at meichelberger@northamericanstainless.com

Sincerely,



Maria Eichelberger
Environmental Manager

Division for Air Quality

300 Sower Boulevard
Frankfort, KY 40601
(502) 564-3999

DEP7007AI

Administrative Information

- ☐ Section AI.1: Source Information
☐ Section AI.2: Applicant Information
☐ Section AI.3: Owner Information
☐ Section AI.4: Type of Application
☐ Section AI.5: Other Required Information
☐ Section AI.6: Signature Block
☐ Section AI.7: Notes, Comments, and Explanations

Additional Documentation

☐ Additional Documentation attached

Source Name: North American Stainless

KY EIS (AFS) #: 21- 041-00034

Permit #: V-23-003 (R1)

Agency Interest (AI) ID: 711

Date: 4/16/2026

Section AI.1: Source Information

Physical Location Street: 6870 Highway 42 East

Address: City: Ghent County: Carroll Zip Code: 41045

Mailing Address: Street or P.O. Box: same as above

City: _____ State: _____ Zip Code: _____

Standard Coordinates for Source Physical Location

Longitude: -85.075282 (decimal degrees) Latitude: 38.727528 (decimal degrees)

Primary (NAICS) Category: Iron & Steel Manufacturing

Primary NAICS #: 3311

Classification (SIC) Category:		<u>Blast Furnaces and Steel Mills</u>		Primary SIC #:	<u>3312</u>
Briefly discuss the type of business conducted at this site:		<u>Melting and production of stainless steel products</u>			
Description of Area Surrounding Source:	☒ Rural Area	☐ Industrial Park	☐ Residential Area	Is any part of the source located on federal land?	☐ Yes
	☐ Urban Area	☐ Industrial Area	☐ Commercial Area		☒ No
				Number of Employees:	<u>1400</u>
Approximate distance to nearest residence or commercial property:		<u>200 ft.</u>	Property Area:	<u>34,830,120 sq. ft.</u>	Is this source portable? ☐ Yes ☒ No
What other environmental permits or registrations does this source currently hold or need to obtain in Kentucky?					
NPDES/KPDES:	☒ Currently Hold	☐ Need	☐ N/A		
Solid Waste:	☒ Currently Hold	☐ Need	☐ N/A		
RCRA:	☒ Currently Hold	☐ Need	☐ N/A		
UST:	☐ Currently Hold	☐ Need	☒ N/A		
Type of Regulated Waste Activity:	☐ Mixed Waste Generator	☒ Generator	☐ Recycler	☐ Other: _____	
	☐ U.S. Importer of Hazardous Waste	☐ Transporter	☐ Treatment/Storage/Disposal Facility	☐ N/A	

Section AI.2: Applicant Information**Applicant Name:** North American Stainless**Title:** (if individual)**Mailing Address:** **Street or P.O. Box:** 6870 Highway 42 East
City: Ghent **State:** KY **Zip Code:** 41045**Email:** (if individual)**Phone:** 502-347-6000**Technical Contact****Name:** Maria Eichelberger**Title:** Environmental Manager**Mailing Address:** **Street or P.O. Box:** same as above
City: **State:** **Zip Code:****Email:** meichelberger@northamericanstainless.com**Phone:** 502-347-6534**Air Permit Contact for Source****Name:** Maria Eichelberger**Title:** Environmental Manager**Mailing Address:** **Street or P.O. Box:** Same as above
City: **State:** **Zip Code:****Email:** Same as above**Phone:** Same as above

Section AI.3: Owner Information☒ **Owner same as applicant****Name:** _____**Title:** _____

Mailing Address: **Street or P.O. Box:** _____
City: _____ **State:** _____ **Zip Code:** _____

Email: _____**Phone:** _____**List names of owners and officers of the company who have an interest in the company of 5% or more.****Name****Position**

Section AI.4: Type of Application

Current Status:	☒ Title V	☐ Conditional Major	☐ State-Origin	☐ General Permit	☐ Registration	☐ None
	☐ Name Change	☐ Initial Registration	☒ Significant Revision	☐ Administrative Permit Amendment		
	☐ Renewal Permit	☐ Revised Registration	☐ Minor Revision	☐ Initial Source-wide Operating Permit		
Requested Action: (check all that apply)	☐ 502(b)(10) Change	☐ Extension Request	☐ Addition of New Facility	☐ Portable Plant Relocation Notice		
	☐ Revision	☐ Off Permit Change	☐ Landfill Alternate Compliance Submittal	☐ Modification of Existing Facilities		
	☐ Ownership Change	☐ Closure				
Requested Status:	☐ Title V	☐ Conditional Major	☐ State-Origin	☒ PSD	☐ NSR	☐ Other: _____

Is the source requesting a limitation of potential emissions?☐ Yes☒ No**Pollutant:****Requested Limit:****Pollutant:****Requested Limit:**☒ Particulate MatterNo change☐ Single HAP☐ Volatile Organic Compounds (VOC)☐ Combined HAPs☐ Carbon Monoxide☐ Air Toxics (40 CFR 68, Subpart F)☐ Nitrogen Oxides☐ Carbon Dioxide☐ Sulfur Dioxide☐ Greenhouse Gases (GHG)☐ Lead☐ Other**For New Construction:****Proposed Start Date of Construction:**

(MM/YYYY)

Proposed Operation Start-Up Date: (MM/YYYY)**For Modifications:****Proposed Start Date of Modification:**

(MM/YYYY)

Proposed Operation Start-Up Date: (MM/YYYY)**Applicant is seeking coverage under a permit shield.**☒ Yes☐ No**Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.**

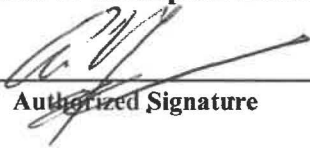
Section AI.5 Other Required Information

Indicate the documents attached as part of this application:

- | | |
|--|--|
| ☐ DEP7007A Indirect Heat Exchangers and Turbines | ☐ DEP7007CC Compliance Certification |
| ☐ DEP7007B Manufacturing or Processing Operations | ☐ DEP7007DD Insignificant Activities |
| ☐ DEP7007C Incinerators and Waste Burners | ☐ DEP7007EE Internal Combustion Engines |
| ☐ DEP7007F Episode Standby Plan | ☐ DEP7007FF Secondary Aluminum Processing |
| ☐ DEP7007J Volatile Liquid Storage | ☐ DEP7007GG Control Equipment |
| ☐ DEP7007K Surface Coating or Printing Operations | ☐ DEP7007HH Haul Roads |
| ☐ DEP7007L Mineral Processes | ☐ Confidentiality Claim |
| ☐ DEP7007M Metal Cleaning Degreasers | ☐ Ownership Change Form |
| ☐ DEP7007N Source Emissions Profile | ☐ Secretary of State Certificate |
| ☐ DEP7007P Perchloroethylene Dry Cleaning Systems | ☐ Flowcharts or diagrams depicting process |
| ☐ DEP7007R Emission Offset Credit | ☐ Digital Line Graphs (DLG) files of buildings, roads, etc. |
| ☐ DEP7007S Service Stations | ☐ Site Map |
| ☐ DEP7007T Metal Plating and Surface Treatment Operations | ☐ Map or drawing depicting location of facility |
| ☐ DEP7007V Applicable Requirements and Compliance Activities | ☐ Safety Data Sheet (SDS) |
| ☐ DEP7007Y Good Engineering Practice and Stack Height Determination | ☐ Emergency Response Plan |
| ☐ DEP7007AA Compliance Schedule for Non-complying Emission Units | ☐ Other: _____ |
| ☐ DEP7007BB Certified Progress Report | |

Section AI.6: Signature Block

I, the undersigned, hereby certify under penalty of law, that I am a responsible official*, and that I have personally examined, and am familiar with, the information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.


Authorized Signature

Anil Yadav

Type or Printed Name of Signatory

4/29/2026

Date

COO

Title of Signatory

*Responsible official as defined by 401 KAR 52:001.

Section AI.7: Notes, Comments, and Explanations

NAS is requesting a change in the permit condition for Boilers 1-4 (EP-009, 010, 103, 110)

Emission Group 5 – Boilers

Emission Point #	Description	Maximum Capacity (MMbtu/hr)	Fuel	Control Equipment	Construction Commenced
009 (S-09)	Boiler #1	36	Natural Gas	None	2/1/1992
010 (S-10)	Boiler #2	36	Natural Gas	None	2/1/1992
110 (S-110)	Standby Boiler #3	36	Natural Gas	None	7/1/2000
103 (S-103)	Boiler #4	36	Natural Gas	None	4/1/2008
150	LP Boiler	6	Natural Gas	None	4/15/2016
151	LP Boiler	6	Natural Gas	None	4/15/2016

APPLICABLE REGULATIONS:

401 KAR 51:017, *Prevention of significant deterioration of air quality*, applies to EPs 009, 010, 110, and 103.

401 KAR 59:015, *New indirect heat exchangers*

401 KAR 60:005, **Section 2(2)(d)**, **40 C.F.R. 60.40c to 60.48c (Subpart Dc)**, *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*, applies to EPs 009, 010, 110, and 103.

401 KAR 63:002, **Section 2(4)(iii)**, **40 C.F.R. 63.7480 to 63.7575, Tables 1 to 13 (Subpart DDDDD)**, *National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters*. Under this regulation, EPs 009, 010, 110, 103, 150 & 151 are existing units.

1. Operating Limitations:

- a. The permittee must meet the requirements in 40 CFR 63.7500(a)(1) through (3), except as provided in 40 CFR 63.7500(b) through (e). The permittee must meet these requirements at all times the affected unit is operating, except as provided in 40 CFR 63.7500(f). [40 CFR 63.7500(a)]
 - i. The permittee must meet each work practice standard in Table 3 to 40 CFR 63, Subpart DDDDD that applies to the boiler or process heater, for each boiler or process heater. [40 CFR 63.7500(a)(1)]
 - ii. At all times, the permittee must operate and maintain any affected source (as defined in 40 CFR 63.7490), including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [40 CFR 63.7500(a)(3)]

- b. For EPs 150 & 151, the permittee must complete a tune-up every 2 years as specified in 40 CFR 63.7540. [40 CFR 63.7500(e); 40 CFR 63, Subpart DDDDD, Table 3(2)]
- c. For EPs 009, 010, 110, & 103, the permittee must conduct a tune-up of the boiler or process heater annually as specified in 40 CFR 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions under 40 CFR 63, Subpart DDDDD. [40 CFR 63, Subpart DDDDD, Table 3(3)]
- d. The permittee must have a one-time energy assessment performed by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements in this table, satisfies the energy assessment requirement. A facility that operated under an energy management program developed according to the ENERGY STAR guidelines for energy management or compatible with ISO 50001 for at least one year between January 1, 2008 and the compliance date specified in 40 CFR 63.7495 that includes the affected units also satisfies the energy assessment requirement. The energy assessment must include the following with extent of the evaluation for items a. to e. appropriate for the on-site technical hours listed in 40 CFR 63.7575. [40 CFR 63, Subpart DDDDD, Table 3(4)]
 - i. A visual inspection of the boiler or process heater system. [40 CFR 63, Subpart DDDDD, Table 3(4)(a)]
 - ii. An evaluation of operating characteristics of the boiler or process heater systems, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints. [40 CFR 63, Subpart DDDDD, Table 3(4)(b)]
 - iii. An inventory of major energy use systems consuming energy from affected boilers and process heaters and which are under the control of the boiler/process heater owner/operator. [40 CFR 63, Subpart DDDDD, Table 3(4)(c)]
 - iv. A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage. [40 CFR 63, Subpart DDDDD, Table 3(4)(d)]
 - v. A review of the facility's energy management program and provide recommendations for improvements consistent with the definition of energy management program, if identified. [40 CFR 63, Subpart DDDDD, Table 3(4)(e)]
 - vi. A list of cost-effective energy conservation measures that are within the facility's control. [40 CFR 63, Subpart DDDDD, Table 3(4)(f)]
 - vii. A list of the energy savings potential of the energy conservation measures identified. [40 CFR 63, Subpart DDDDD, Table 3(4)(g)]
 - viii. A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments. [40 CFR 63, Subpart DDDDD, Table 3(4)(h)]
- e. The permittee must be in compliance with the emission limits, work practice standards, and operating limits in 40 CFR 63, Subpart DDDDD. These emission and operating limits apply to the permittee at all times the affected unit is operating except for the periods noted in 40 CFR 63.7500(f). [40 CFR 63.7505(a)]

- f. The permittee must complete an initial tune-up by following the procedures described in 40 CFR 63.7540(a)(10)(i) through (vi) no later than the compliance date specified in 40 CFR 63.7495, except as specified in 40 CFR 63.7510(j). The permittee must complete the one-time energy assessment specified in Table 3 to 40 CFR 63, Subpart DDDDD no later than the compliance date specified in 40 CFR 63.7495. [40 CFR 63.7510(e)]
- g. If the emission point has not operated between the effective date of the rule and the compliance date that is specified for the source in 40 CFR 63.7495, the permittee must complete an initial tune-up by following the procedures described in 40 CFR 63.7540(a)(10)(i) through (vi) no later than 30 days after the re-start of the affected source and, if applicable, complete the one-time energy assessment specified in Table 3 to 40 CFR 63, Subpart DDDDD, no later than the compliance date specified in 40 CFR 63.7495. [40 CFR 63.7510(j)]
- h. The permittee must conduct an annual, biennial, or 5-year performance tune-up according to 40 CFR 63.7540(a)(10), (11), or (12), respectively. Each annual tune-up specified in 40 CFR 63.7540(a)(10) must be no more than 13 months after the previous tune-up. Each biennial tune-up specified in 40 CFR 63.7540(a)(11) must be conducted no more than 25 months after the previous tune-up. Each 5-year tune-up specified in 40 CFR 63.7540(a)(12) must be conducted no more than 61 months after the previous tune-up. For a new or reconstructed affected source (as defined in 40 CFR 63.7490), the first annual, biennial, or 5-year tune-up must be no later than 13 months, 25 months, or 61 months, respectively, after the initial startup of the new or reconstructed affected source. [40 CFR 63.7515(d)]
- i. The permittee must complete a subsequent tune-up by following the procedures described in 40 CFR 63.7540(a)(10)(i) through (vi) and the schedule described in 40 CFR 63.7540(a)(13) for units that are not operating at the time of their scheduled tune-up. [40 CFR 63.7515(g)]

Compliance Demonstration Method:

- A. The permittee must demonstrate continuous compliance with the work practice standards in Table 3 to 40 CFR 63, Subpart DDDDD that apply according to the methods specified in Table 8 to 40 CFR 63, Subpart DDDDD and 40 CFR 63.7540(a)(1) through (19). [40 CFR 63.7540(a)]
- B. If the permittee's boiler or process heater has a heat input capacity of 10 million Btu per hour or greater, the permittee must conduct an annual tune-up of each boiler or process heater to demonstrate continuous compliance as specified in 40 CFR 63.7540(a)(10)(i) through (vi). The permittee must conduct the tune-up while burning the type of fuel that provided the majority of the heat input to the process heater over the 12 months prior to the tune-up. [40 CFR 63.7540(a)(10)]
 - 1. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the permittee may perform the burner inspection any time prior to the tune-up or delay the burner inspection until the next scheduled unit shutdown). At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during

- planned entries into the storage vessel or process equipment; [40 CFR 63.7540(a)(10)(i)]
2. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available; [40 CFR 63.7540(a)(10)(ii)]
 3. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (the permittee may delay the inspection until the next scheduled unit shutdown). [40 CFR 63.7540(a)(10)(iii)]
 4. Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NOX requirement to which the unit is subject; [40 CFR 63.7540(a)(10)(iv)]
 5. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and [40 CFR 63.7540(a)(10)(v)]
 6. Maintain on-site and submit, if requested by the Administrator, a report containing the information in 40 CFR 63.7540(a)(10)(vi)(A) through (C), [40 CFR 63.7540(a)(10)(vi)]
 - I. The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater; [40 CFR 63.7540(a)(10)(vi)(A)]
 - II. A description of any corrective actions taken as a part of the tune-up; and [40 CFR 63.7540(a)(10)(vi)(B)]
 - III. The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit. [40 CFR 63.7540(a)(10)(vi)(C)]
- C. For EPs 150 & 151, the permittee must conduct a biennial tune-up of the process heater as specified in 40 CFR 63.7540(a)(10)(i) through (vi) to demonstrate continuous compliance. [40 CFR 63.7540(a)(11)]
- D. If the boiler or process heater has a continuous oxygen trim system that maintains an optimum air to fuel ratio, or a heat input capacity of less than or equal to 5 million Btu per hour and the unit is in the units designed to burn gas 1 subcategory, the permittee must conduct a tune-up of the boiler or process heater every 5 years as specified in paragraphs 40 CFR 63.7540(a)(10)(i) through (vi) to demonstrate continuous compliance. The permittee may delay the burner inspection specified in paragraph 40 CFR 63.7540(a)(10)(i) until the next scheduled or unscheduled unit shutdown, but the permittee must inspect each burner at least once every 72 months. If an oxygen trim system is utilized on a unit without emission standards to reduce the tune-up frequency to once every 5 years, set the oxygen level no lower than the oxygen concentration measured during the most recent tune-up. [40 CFR 63.7540(a)(12)]
- E. If the unit is not operating on the required date for tune-up, the tune-up must be conducted within 30 calendar days of startup. [40 CFR 63.7540(a)(13)]

F. Refer to **3. Testing Requirements**, **4. Specific Monitoring Requirements**, **5. Specific Recordkeeping Requirements**, **6. Specific Reporting Requirements**.

2. Emission Limitations:

- a. The permittee shall not cause emissions of particulate matter or sulfur dioxide in excess of the following emission limitations: [401 KAR 59:015, Sections 4(1)(c) & 5(1)(c)(1)]

Emission Point #	Installation Date	Pollutant	Emission Limitation (lb/MMBtu)
009	1992	PM	0.35
		SO ₂	1.33
010	1992	PM	0.35
		SO ₂	1.33
110	2000	PM	0.32
		SO ₂	1.13
103	2008	PM	0.30
		SO ₂	1.00
150	2016	PM	0.29
		SO ₂	0.97
151	2016	PM	0.29
		SO ₂	0.97

- b. The permittee shall not cause emissions of particulate matter in excess of twenty (20) percent opacity from each indirect heat exchanger. [401 KAR 59:015, Section 4 (2)]

Compliance Demonstration Method:

These units are assumed to be in compliance with the particulate matter, opacity and sulfur dioxide emission limitations in 401 KAR 59:015 while burning natural gas.

- c. The permittee shall not allow emissions of PM, NO_x, SO₂, and VOC to exceed the limits in the following table: [401 KAR 51:017]

Emission Point #	CO Limit*	PM Limit*	SO ₂ Limit*	NO _x Limit*	VOC Limit*
009, 010, 110	---	1.0 ton/yr** ---	1.0 ton/yr**	---	---
<u>009, 010, 103, 110</u>	---	<u>2.18 ton/yr***</u>	---	---	---
103	1.30 lb/hr; 5.68 ton/yr	0.27 lb/hr; 1.18 ton/yr	---	1.26 lb/hr; 5.52 ton/yr	0.19 lb/hr; 0.85 ton/yr

* lb/hr limits are 3-hour averages and ton/yr limits are 12-month rolling totals.

**Combined limit for EPs 009, 010 & 110.

***Combined limit for EPs 009, 010, 103 & 110.

Compliance Demonstration Method:

Refer to **4. Specific Monitoring Requirements** (a), (b) and (c), and **5. Specific Recordkeeping Requirements** (a), (b), and (c).

3. Testing Requirements:

Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the reference methods specified in 401 KAR 50:015 shall be conducted if required by the Cabinet.

4. Specific Monitoring Requirements:

- a. The permittee shall monitor the following for each emission point: [401 KAR 52:020, Section 10]
 - i. The monthly and 12-month rolling total natural gas usage;
 - ii. The monthly and 12-month rolling total hours of operation.

- b. For EP 103, the permittee shall calculate monthly and 12-month rolling emissions of CO, ~~PM~~, NO_x, and VOC to ensure compliance with the emission limitations in 2. **Emission Limitations** (c). [401 KAR 52:020, Section 10]

- c. For EP 009, 010, and 110, the permittee shall calculate monthly and 12-month rolling emissions of ~~PM and~~ SO₂ to ensure compliance with the emission limitations in 2. **Emission Limitations** (c). [401 KAR 52:020, Section 10]

- ~~d.~~ For EP 009, 010, 103 and 110, the permittee shall calculate monthly and 12-month rolling emissions of PM to ensure compliance with the emission limitations in 2. **Emission Limitations** (c). [401 KAR 52:020, Section 10].

~~d-e.~~ Refer to **SECTION F** for general monitoring requirements.

5. Specific Recordkeeping Requirements:

- a. The permittee shall keep records of the following: [401 KAR 52:020, Section 10]
 - i. The monthly and 12-month rolling total of natural gas usage.
 - ii. The monthly and 12-month rolling total hours of operation.

- b. For EP 103, the permittee shall keep records of monthly and 12-month rolling emissions of CO, ~~PM~~, NO_x, and VOC to ensure compliance with the emission limitations in 2. **Emission Limitations** (c). [401 KAR 52:020, Section 10]

- ~~c.~~ For EP 009, 010, ~~103~~ and 110, the permittee shall keep records of monthly and 12-month rolling emissions of PM ~~and to ensure compliance with the emission limitations in 2.~~ **Emission Limitations** (c). [401 KAR 52:020, Section 10]

- ~~d.~~ For EP 009, 010, and 110, the permittee shall keep records of monthly and 12-month rolling emissions of SO₂ to ensure compliance with the emission limitations in 2. **Emission Limitations** (c). [401 KAR 52:020, Section 10]

~~e-e.~~

- ~~d-f.~~ For EPs 009, 010, 110, and 103: Except as provided under 40 CFR 60.48c(g)(2) and (g)(3), the permittee of each affected facility shall record and maintain records of the amount of each fuel combusted during each operating day. [40 CFR 60.48c(g)(1)]

- i. As an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the permittee

may elect to record and maintain records of the amount of each fuel combusted during each calendar month. [40 CFR 60.48c(g)(2)]

| e.g. The permittee must keep records according to 40 CFR 63.7555(a)(1) and (2).
[40 CFR 63.7555(a)]

- i. A copy of each notification and report that the permittee submitted to comply with 40 CFR 63, Subpart DDDDD, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report

that the permittee submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv). [40 CFR 63.7555(a)(1)]

- ii. Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations as required in 40 CFR 63.10(b)(2)(viii). [40 CFR 63.7555(a)(2)]

~~f~~h. The permittee's records must be in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). [40 CFR 63.7560(a)]

~~g~~i. As specified in 40 CFR 63.10(b)(1), the permittee must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [40 CFR 63.7560(b)]

~~h~~j. The permittee must keep each record on site, or they must be accessible from on site (for example, through a computer network), for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). The permittee can keep the records off site for the remaining 3 years. [40 CFR 63.7560(c)]

~~i~~k. Refer to **SECTION F** for general recordkeeping requirements.

6. Specific Reporting Requirements:

- a. The permittee must include with the Notification of Compliance Status a signed certification that either the energy assessment was completed according to Table 3 to 40 CFR 63, Subpart DDDDD, and that the assessment is an accurate depiction of the facility at the time of the assessment, or that the maximum number of on-site technical hours specified in the definition of energy assessment applicable to the facility has been expended. [40 CFR 63.7530(e)]
- b. The permittee must submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.7545(e). [40 CFR 63.7530(f)]
- c. The permittee must report each instance in which the permittee did not meet each emission limit and operating limit in Tables 1 through 4 or 11 through 15 to 40 CFR 63, Subpart DDDDD that apply. These instances are deviations from the emission limits or operating limits, respectively, in 40 CFR 63, Subpart DDDDD. These deviations must be reported according to the requirements in 40 CFR 63.7550. [40 CFR 63.7540(b)]
- d. The permittee must submit to the Administrator all of the notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f)(4) and (6), and 63.9(b) through (h) that apply by the dates specified. [40 CFR 63.7545(a)]
- e. As specified in 40 CFR 63.9(b)(2), the permittee must submit an Initial Notification no later than 120 days after the source becomes subject to 40 CFR 63, Subpart DDDDD. [40 CFR 63.7545(b) & (c)]

- f. The permittee must submit a Notification of Compliance Status according to 40 CFR 63.9(h)(2)(ii). For the initial compliance demonstration for each boiler or process heater, the permittee must submit the Notification of Compliance Status, including all performance test results and fuel analyses, before the close of business on the 60th day following the completion of all performance test and/or other initial compliance demonstrations for all boiler or process heaters at the facility according to 40 CFR 63.10(d)(2). The Notification of Compliance Status report must contain all the information specified in 40 CFR 63.7545(e)(1) through (8), as applicable. If the permittee not required to conduct an initial compliance demonstration as specified in 40 CFR 63.7530(a), the Notification of Compliance Status must only contain the information specified in 40 CFR 63.7545(e)(1) and (8) and must be submitted within 60 days of the compliance date specified at 40 CFR 63.7495(b). [40 CFR 63.7545(e)]
 - i. A description of the affected unit(s) including identification of which subcategories the unit is in, the design heat input capacity of the unit, a description of the add-on controls used on the unit to comply with 40 CFR 63, Subpart DDDDD, description of the fuel(s) burned, including whether the fuel(s) were a secondary material determined by the permittee or the EPA through a petition process to be a non-waste under 40 CFR 241.3, whether the fuel(s) were a secondary material processed from discarded non-hazardous secondary materials within the meaning of 40 CFR 241.3, and justification for the selection of fuel(s) burned during the compliance demonstration. [40 CFR 63.7545(e)(1)]
 - ii. A signed certification that the permittee has met all applicable emission limits and work practice standards. [40 CFR 63.7545(e)(6)]
 - iii. If the permittee had a deviation from any emission limit, work practice standard, or operating limit, the permittee must also submit a description of the deviation, the duration of the deviation, and the corrective action taken in the Notification of Compliance Status report. [40 CFR 63.7545(e)(7)]
 - iv. In addition to the information required in 40 CFR 63.9(h)(2), the notification of compliance status must include the following certification(s) of compliance, as applicable, and signed by a responsible official: [40 CFR 63.7545(e)(8)]
 - 1) "This facility completed the required initial tune-up for all of the boilers and process heaters covered by 40 CFR part 63 subpart DDDDD at this site according to the procedures in 40 CFR 63.7540(a)(10)(i) through (vi)." [40 CFR 63.7545(e)(8)(i)]
 - 2) "This facility has had an energy assessment performed according to 40 CFR 63.7530(e)." [40 CFR 63.7545(e)(8)(ii)]
- g. The permittee must submit each report in Table 9 to 40 CFR 63, Subpart DDDDD that applies. [40 CFR 64.7550(a)]
- h. For units that are subject only to a requirement to conduct subsequent annual, biennial, or 5-year tune-up according to 40 CFR 63.7540(a)(10), (11), or (12), respectively, and not subject to emission limits or Table 4 operating limits, the permittee may submit only an annual, biennial, or 5-year compliance report, as applicable, as specified in 40 CFR 63.7550(b)(1) through (4), instead of a semi-annual compliance report. [40 CFR 63.7550(b)]

- i. A compliance report must contain the following information depending on how the facility chooses to comply with the limits set in 40 CFR 63, Subpart DDDDD. [40 CFR 63.7550(c)]
 - i. If the facility is subject to the requirements of a tune up the permittee must submit a compliance report with the information in 40 CFR 63.7550(c)(5)(i) through (iii), (xiv) and (xvii). [40 CFR 63.7550(c)(1)]
 - 1) Company and Facility name and address. [40 CFR 63.7550(c)(5)(i)]
 - 2) Process unit information, emissions limitations, and operating parameter limitations. [40 CFR 63.7550(c)(5)(ii)]
 - 3) Date of report and beginning and ending dates of the reporting period. [40 CFR 63.7550(c)(5)(iii)]
 - 4) Include the date of the most recent tune-up for each unit subject to only the requirement to conduct an annual, biennial, or 5-year tune-up according to 40 CFR 63.7540(a)(10), (11), or (12) respectively. Include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown. [40 CFR 63.7550(c)(5)(xiv)]
 - 5) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report. [40 CFR 63.7550(c)(5)(xvii)]
 - j. The permittee must submit all reports required by Table 9 of 40 CFR 63, Subpart DDDDD electronically to the EPA via the CEDRI. (CEDRI can be accessed through the EPA's CDX.) The permittee must use the appropriate electronic report in CEDRI for 40 CFR 63, Subpart DDDDD. Instead of using the electronic report in CEDRI for 40 CFR 63, Subpart DDDDD, the permittee may submit an alternate electronic file consistent with the XML schema listed on the CEDRI Web site (<http://www.epa.gov/ttn/chief/cedri/index.html>), once the XML schema is available. If the reporting form specific to 40 CFR 63, Subpart DDDDD is not available in CEDRI at the time that the report is due, the permittee must submit the report to the Administrator at the appropriate address listed in 40 CFR 63.13. The permittee must begin submitting reports via CEDRI no later than 90 days after the form becomes available in CEDRI. [40 CFR 63.7550(h)(3)]
- k. Refer to **SECTION F** for general reporting requirements.