



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

**TITLE V/STATE OPERATING PERMIT**

Issue Date: October 3, 2019

Effective Date: March 18, 2020

Revision Date: March 18, 2020

Expiration Date: [REDACTED]

Revision Type: Amendment

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

**TITLE V Permit No: 15-00010**

Federal Tax Id - Plant Code: 20-0653500-1

**Owner Information**

Name: ARCELORMITTAL PLATE LLC  
Mailing Address: 139 MODENARD  
COATESVILLE, PA 19320-4036

**Plant Information**

Plant: ARCELORMITTAL PLATE LLC/COATESVILLE  
Location: 15 Chester County 15001 Coatesville City  
SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills

**Responsible Official**

Name: CORY CHAPPELL  
Title: OPERATIONS MNGR  
Phone: (610) 383 - 2000

**Permit Contact Person**

Name: REZA AJALLI  
Title: MGR - ENVIRONMENTAL  
Phone: (610) 383 - 2097

[Signature]

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



Pages 2-3, 8-10, 13-28, 30-31, 37-38, 40-43, 52-93, 95-101, 103-118, 121-128, 131-145, 147-148, and 150-158 are redacted entirely.



## SECTION A. Site Inventory List

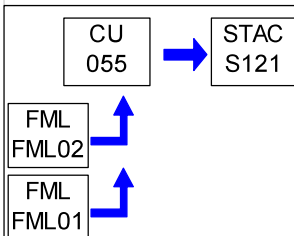
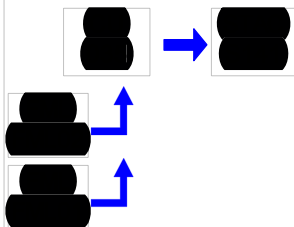
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput		Fuel/Material
270	CONTINUOUS CASTING SPRAY CHAMBER	93.600	Tons/HR	STRAND
C003	A, B & D BAGHOUSES	72.000	Lbs/HR	PARTICULATES
C090	CANOPY SYS. BAGHOUSE "E"	71.300	Lbs/HR	PARTICULATES
FML01	NATURAL GAS			
FML02	PROPANE			
FML03	DIESEL FUEL			
FML05	GASOLINE			
S03	A B D BAGHOUSE STACK			
S121	EMS BOILER STACK			
S140	CASTER SPRAY STACK			
S145	SOAK PIT 37 STACK			
S146	SOAK PIT 38/39/40 STACK			
S147	SOAK PIT 41/42/43 STACK			
S148	SOAK PIT 44/45/46 STACK			
S149	SOAK PIT 47/48/49 STACK			
S37	SOAK PIT 35 STACK			
S38	SOAK PIT 36 STACK			

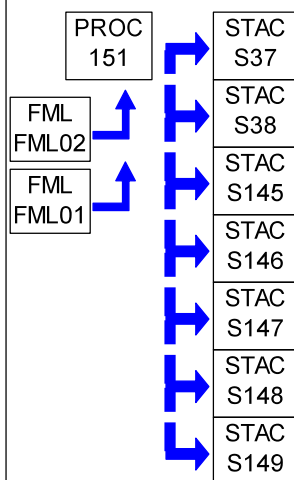
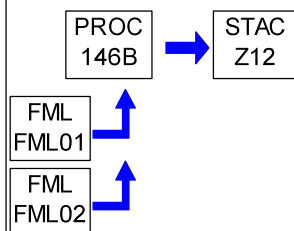
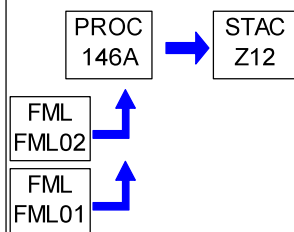
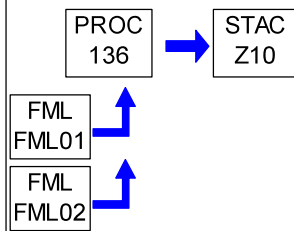
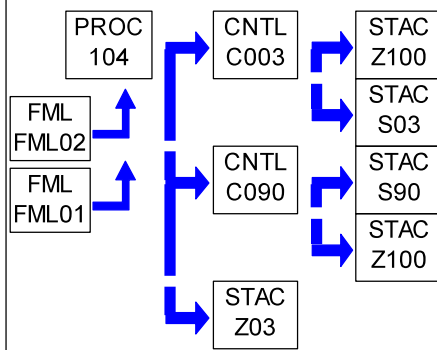
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
Z100	MISC. FUGITIVES		
[REDACTED]	[REDACTED]		
Z12	NAB FURNACE FUGITIVES		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
Z54	SURFACE COATING FUGITIVES		
Z55	ID MARKING FUGITIVES		

**PERMIT MAPS**

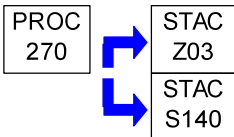
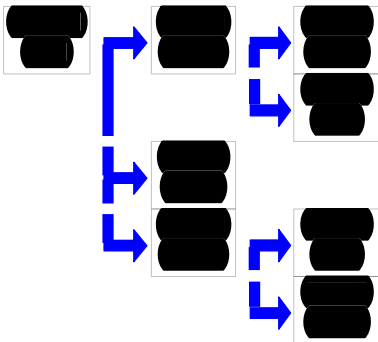
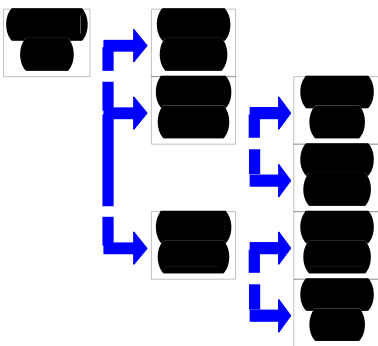
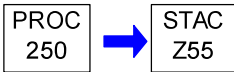
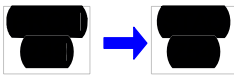
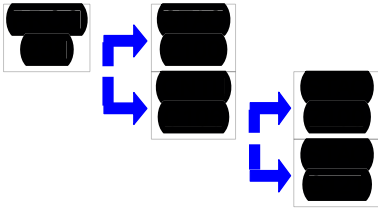


## PERMIT MAPS



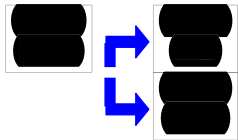
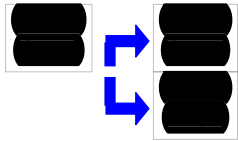
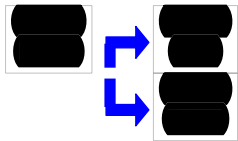
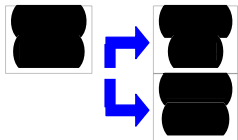
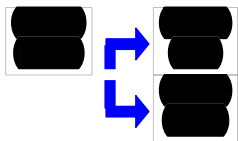
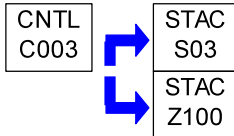
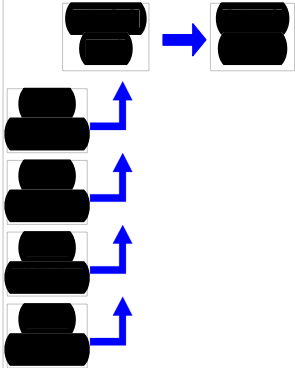
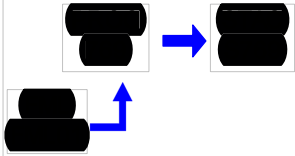


## PERMIT MAPS





## PERMIT MAPS





**SECTION C. Site Level Requirements**

# 021

**Operating permit terms and conditions.**

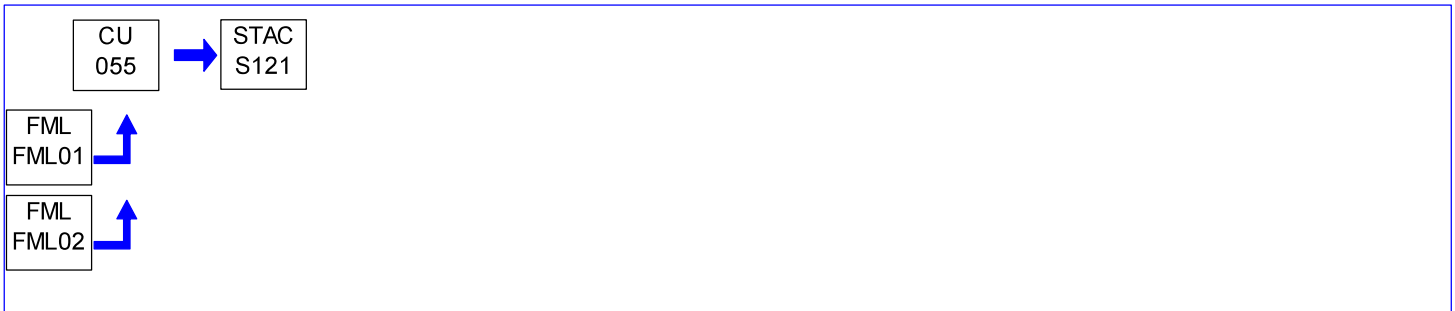
The permittee shall ensure that the sources and air pollution control devices listed in Sections A and G of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturers' specifications (where appropriate).

**SECTION D. Source Level Requirements**

Source ID: 055

Source Name: ELECTRIC MELT SHOP BOILER

Source Capacity/Throughput: 62.300 MMBTU/HR  
62.300 MCF/HR Natural Gas

**I. RESTRICTIONS.****Emission Restriction(s).**

[REDACTED]

[REDACTED]

# 003

**Operating permit terms and conditions.**

[REDACTED]

Emissions of NO<sub>x</sub> from this source shall not exceed the rate of 19.62 tons per 12-month rolling period.

**Throughput Restriction(s).**

# 004

**Operating permit terms and conditions.**

[REDACTED]

The permittee shall ensure that the amount of natural gas used by the Electric Melt Shop (EMS)Boiler (Source ID: 055) does not exceed 267 million cubic feet of natural gas in any consecutive twelve (12) month period.

**II. TESTING REQUIREMENTS.**

# 005

**General requirements.**

[REDACTED]

(a) The permittee shall perform a stack test using the Department-approved procedures once every five (5) calendar years, where five calendar years is defined as beginning with the calendar year the latest stack test was performed and ending on December 31, five years later. Performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department. When testing of a source is required on a recurring basis, a single procedural protocol may be submitted for approval; thereafter, a letter referencing the previously approved procedural protocol is sufficient. However, if modifications are made to the process(es), if a different stack testing company is used, or if an applicable section of the Department's Source Testing Manual has been revised since approval, a new protocol shall be submitted for approval.

**SECTION D. Source Level Requirements**

- (b) At least ninety (90) days prior to the test, the permittee shall submit to the Department for approval one paper copy plus one electronic copy to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.
- (c) The stack test shall, at a minimum, test for NO<sub>x</sub> to determine compliance with the lb/Mcf emission limit. Tests shall be conducted in accordance with the provisions of EPA Method 7 or other Department approved methodology and 25 Pa. Code Chapter 139.
- (d) At least thirty (30) days prior to the test, the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office shall be informed of the date and time of the test.
- (e) Within sixty (60) days after the source test, the permittee shall submit one paper copy plus one electronic copy of the source test report to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office.
- (f) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.
- (g) Any questions or concerns about source testing submissions can be sent to RA-EPstacktesting@pa.gov and the PSIMS Administrator will address them. The following are the mail and email addresses for the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office:

Central Office  
Pennsylvania Department of Environmental Protection  
Attn: PSIMS Administrator  
P.O. Box 8468  
Harrisburg, PA 17105-8468  
RA-EPstacktesting@pa.gov

Southeast Region  
Pennsylvania Department of Environmental Protection  
Attn: Air Quality Program Manager  
2 East Main Street  
Norristown, PA 19401  
RA-EPSEstacktesting@pa.gov

**III. MONITORING REQUIREMENTS.**

# 006 [REDACTED]

**Operating permit terms and conditions.**

- (a) The permittee shall monitor the amount of fuel consumed by this source on a monthly basis using a fuel meter or usage derived from production based data.
- (b) In the event of fuel meter malfunction, the permittee shall calculate the actual fuel usage using the fuel usage factor and amount of steel degassed for the current month.
- (c) The fuel usage factor (mcf/ton) is determined by averaging the amount of steel degassed and the amount of fuel used in the previous three (3) months, then dividing the average fuel usage by the average steel degassed.

**IV. RECORDKEEPING REQUIREMENTS.**

# 007 [REDACTED]

**SECTION D. Source Level Requirements****Operating permit terms and conditions.**

(a) The permittee shall maintain records of the amount of fuel consumed by this source on a monthly basis and as a 12-month rolling sum using a fuel meter or usage derived from production based data.

(b) The permittee shall calculate and record emissions of NO<sub>x</sub>, in tons, on a monthly basis and as a 12-month rolling sum.



## SECTION D. Source Level Requirements

Source ID: 104

Source Name: \D\ELECTRIC FURNACE

Source Capacity/Throughput:

177.000 Tons/HR

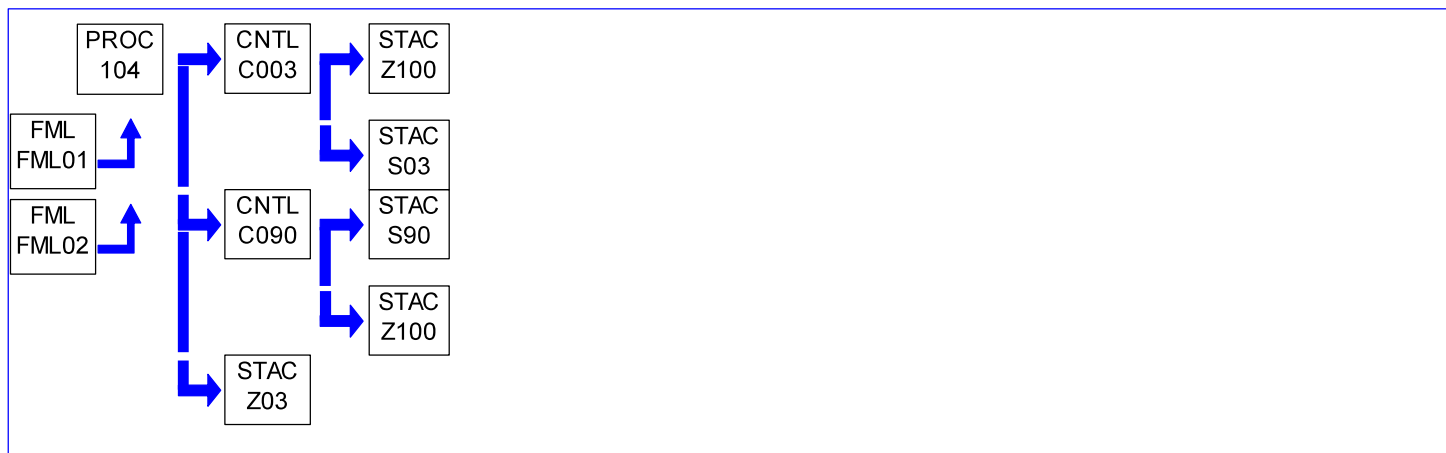
CARBON/STAINLESS STEEL

177.000 Tons/HR

ALLOY STEEL

75,000 MCF/HR

## Natural Gas



## I. RESTRICTIONS.

**Emission Restriction(s).**

[illegible]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

# 003

**Operating permit terms and conditions.**

(a) Emissions of nitrogen oxides (NO<sub>x</sub>) from this source shall not exceed the following emission limits:

- (1) 34.1 tons on a monthly basis.
- (2) 340.6 tons per any 12-month rolling period.

(b) Emissions of volatile organic compounds (VOC) from this source shall not exceed the following emission limits:

- (1) 49.3 tons on a monthly basis.
- (2) 492.9 tons per any 12-month rolling period.

(b) (7)(C),  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SECTION D. Source Level Requirements****Throughput Restriction(s).**

# 005

**Operating permit terms and conditions.**

The permittee shall ensure that the Electric Arc Furnace "D" (Source ID: 104) melting operations shall be limited to 1.55 million tons of steel per year.

**SECTION D. Source Level Requirements**

[REDACTED]

[REDACTED]

[REDACTED]

**II. TESTING REQUIREMENTS.**

# 008 [REDACTED]

**Operating permit terms and conditions.**

[REDACTED]

Refer to testing requirements under Source IDs C003 and C090.

**III. MONITORING REQUIREMENTS.**

# 009 [REDACTED]

**Operating permit terms and conditions.**

[REDACTED]

The permittee shall monitor the steel throughput for the Electric Arc Furnace "D" (Source ID: 104) on a monthly basis.

[REDACTED]

[REDACTED]

**IV. RECORDKEEPING REQUIREMENTS.**

# 011 [REDACTED]

**Operating permit terms and conditions.**

[REDACTED]

(a) The permittee shall maintain steel throughput records for the Electric Arc Furnace "D" (Source ID: 104) on a monthly basis and as a 12-month rolling sum.

(b) The permittee shall calculate and record emissions of NO<sub>x</sub> and VOC, in tons, on a monthly basis and as a 12-month rolling sum.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



## SECTION D. Source Level Requirements

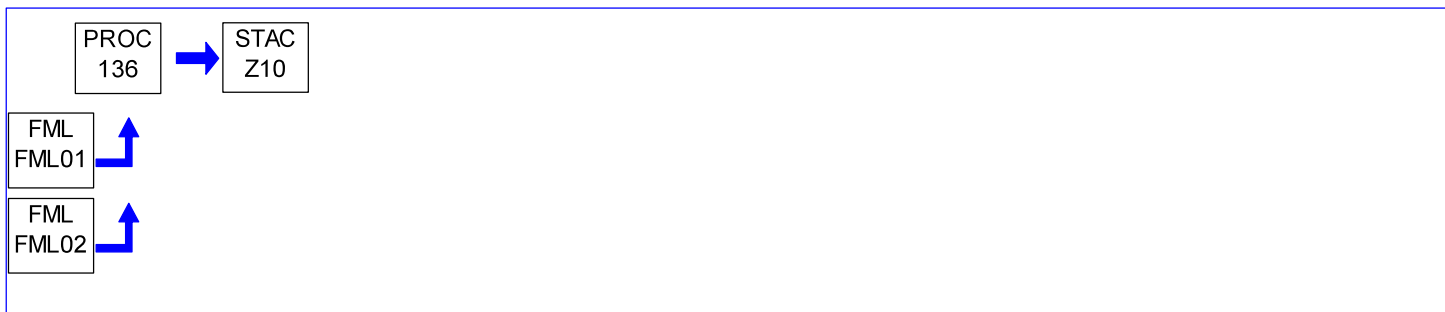
Source ID: 136

Source Name: BATCH HT.TRT.FURNACES 2-8 & 10

Source Capacity/Throughput:

284.700 MCF/HR

## Natural Gas



## I. RESTRICTIONS.

**Emission Restriction(s).**

[REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

**# 003**

**Operating permit terms and conditions.**

The permittee shall ensure that the total emissions of NOx from the combined sources under Source ID 136 shall not exceed 173.6 tons per twelve (12) month rolling period.

**Fuel Restriction(s).**

# 004

**Operating permit terms and conditions.**

The permittee shall ensure that the total amount of fuel used by the combined sources under Source ID 136 shall not exceed 2,495.7 million cubic feet of natural gas per year, as a twelve (12) month rolling sum.

### III. MONITORING REQUIREMENTS.

## # 005

**Operating permit terms and conditions.**

The permittee shall monitor the volume of fuel used or the hours of operation to determine the fuel usage for this source on a monthly basis.



**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.**

# 006 [REDACTED]

**Operating permit terms and conditions.**

(a) The permittee shall calculate and record the volume of fuel used for this source on a monthly basis and on a 12-month rolling basis.

(b) The permittee shall record the NOx emissions from this source on a monthly basis and on a 12-month rolling basis.

**VII. ADDITIONAL REQUIREMENTS.**

# 007 [REDACTED]

**Operating permit terms and conditions.**

This source group (Source ID: 136) consists of eight (8) Batch Heat Treat Furnaces fired on natural gas (Source ID(s): 136, 137, 138, 139, 140, 141, 142 & 144).



## SECTION D. Source Level Requirements

Source ID: 146A

Source Name: 145' NAB FURNACE (CHT)

Source Capacity/Throughput:

55.000 MCF/HR

## Natural Gas



## I. RESTRICTIONS.

**Emission Restriction(s).**

[REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]

(b) (6), (b) (7)(C)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**# 003**

**Operating permit terms and conditions.**

Emissions of nitrogen oxides (NOx) from the 145' NAB Furnace (CHT) shall not exceed 33.7 tons per year as a twelve (12) month rolling sum

**Throughput Restriction(s).**

# 004

**Operating permit terms and conditions.**

The permittee shall ensure that the amount of fuel used by the 145' NAB Furnace (CHT) shall not exceed 481.8 million cubic feet of natural gas per year, as a twelve (12) month rolling sum.

### III. MONITORING REQUIREMENTS.

## # 005

**Operating permit terms and conditions.**

The permittee shall monitor the fuel usage or hours of operation to determine the fuel usage for the 145' NAB Furnace (CHT) on a monthly basis.

**SECTION D. Source Level Requirements****IV. [REDACTED]**

# 006 [REDACTED]

**Operating permit terms and conditions.**

The permittee shall calculate and record NOx emissions, in tons, and fuel usage from the 145' NAB Furnace (CHT) on a monthly basis and on a twelve (12) month rolling basis.

**[REDACTED]**

[REDACTED]

**[REDACTED]**

[REDACTED]

**[REDACTED]**

[REDACTED]

**[REDACTED]**



## SECTION D. Source Level Requirements

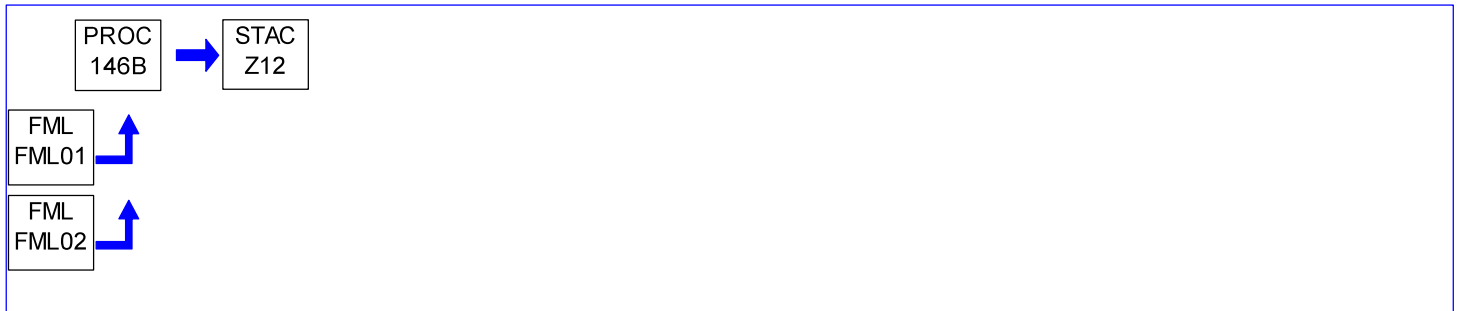
Source ID: 146B

Source Name: 200' NAB FURNACE (CHT)

Source Capacity/Throughput: 128.000 MMBTU/HR

128.000 MCF/HR

## Natural Gas



## I. RESTRICTIONS.

**Emission Restriction(s).**

[REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]

[REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]

## # 003

**Operating permit terms and conditions.**

The permittee shall ensure that the emissions of nitrogen oxides (NOx) from the 200' NAB Furnace (CHT) shall not exceed 30.6 tons per year, as a twelve (12) month rolling sum.

[REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]

### Throughput Restriction(s).

## # 005

**Operating permit terms and conditions.**

The permittee shall ensure that the fuel usage of the 200' NAB Furnace (CHT) shall not exceed 510.0 million cubic feet of natural gas per year, as a twelve (12) month rolling sum.

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.**

# 006

Operating permit terms and conditions.

The permittee shall monitor the fuel usage or hours of operation to determine the fuel usage for the 200' NAB Furnace (CHT) on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.**

# 007

Operating permit terms and conditions.

The permittee shall ensure that the NOx emissions, in tons, and fuel usage are calculated and recorded on a monthly basis and as a twelve (12) month rolling sum.



## SECTION D. Source Level Requirements

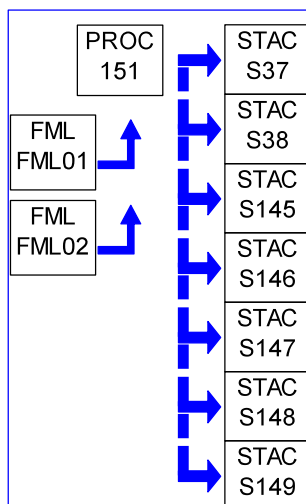
Source ID: 151

Source Name: 15 SOAKING PITS

Source Capacity/Throughput:

450.000 MCF/HR

## Natural Gas



## I. RESTRICTIONS.

**Emission Restriction(s).**

[illegible]

**# 003**

**Operating permit terms and conditions.**

The permittee shall ensure that the emissions of NOx from the combined sources under Source ID 151 do not exceed 502.8 tons per twelve (12) month rolling period.

### Throughput Restriction(s).

## # 004

**Operating permit terms and conditions.**

The permittee shall ensure that the following sources associated with this source group (Source ID: 151 - 15 Soaking Pits) shall not consume more than 3,942 million cubic feet of natural gas per year as a twelve (12) month rolling sum: Soaking Pits No(s). 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, (Source ID(s): 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, and 173 respectively).

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.**

# 005

**Operating permit terms and conditions.**

The permittee shall monitor the volume of fuel used or the hours of operation to determine the fuel usage for these sources on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.**

# 006

**Operating permit terms and conditions.**

(a) The permittee shall record the volume of fuel used or the hours of operation to determine fuel usage for these sources on a monthly basis and on a 12-month rolling basis.

(b) The permittee shall record the NOx emissions from this source on a monthly basis and on a 12-month rolling basis.

**VII. ADDITIONAL REQUIREMENTS.**

# 007

**Operating permit terms and conditions.**

This source group (15 Soaking Pits - Source ID: 151) consists of the following individual units: Fifteen 30-MMBTU/hr Soaking Pits No(s). 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49. (Source ID(s): 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, respectively.)

**SECTION D. Source Level Requirements**

Source ID: 250

Source Name: IDENTIFICATION MARKING

Source Capacity/Throughput: 50.000 Gal/HR PAINT

PROC  
250STAC  
Z55**I. RESTRICTIONS.****Emission Restriction(s).**

# 001

**Operating permit terms and conditions.**

Emissions of volatile organic compounds (VOC) from this source shall not exceed 9.40 tons per year.

**III. MONITORING REQUIREMENTS.**

# 002

**Operating permit terms and conditions.**

The permittee shall monitor the VOC content of the spray cans used as well as the number of spray cans used on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003

**Operating permit terms and conditions.**

(a) The permittee shall maintain records sufficient to demonstrate compliance with the 12-month VOC emission limit. The following monthly records shall be maintained:

- (1) Number of spray cans.
- (2) VOC content of each spray can.
- (3) Total VOC emitted, in tons.

(b) The VOC content of the coatings shall be provided by the manufacturer on the spray cans or in a certified safety data sheet. Otherwise, the VOC content shall be determined by testing according to EPA methods.

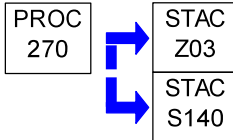


**SECTION D. Source Level Requirements**

Source ID: 270

Source Name: CONTINUOUS CASTING SPRAY CHAMBER

Source Capacity/Throughput: 93.600 Tons/HR STRAND

**I. RESTRICTIONS.****Emission Restriction(s).**

[REDACTED]

# 002 [REDACTED]

**Operating permit terms and conditions.**

[REDACTED]

Emissions of volatile organic compounds (VOC) from this source shall not exceed 9.02 tons per 12-month rolling period.

**Throughput Restriction(s).**

# 003 [REDACTED]

**Operating permit terms and conditions.**

[REDACTED]

The permittee shall ensure that the throughput of steel through this source does not exceed 820,000 tons of steel per year.

[REDACTED]

[REDACTED]

[REDACTED]

# 004 [REDACTED]

**Operating permit terms and conditions.**

[REDACTED]

The permittee shall monitor the amount of steel processed through the Continuous Casting Spray Chamber (Source ID: 270) on a monthly basis.

**IV. RECORDKEEPING REQUIREMENTS.**

# 005 [REDACTED]

**Operating permit terms and conditions.**

[REDACTED]

(a) The permittee shall record the amount of steel processed through the Continuous Casting Spray Chamber (Source ID: 270) on a monthly basis and as a 12-month rolling sum.

(b) The permittee shall calculate and record emissions of VOC, in tons, on a monthly basis and as a 12-month rolling sum.

**SECTION D. Source Level Requirements**

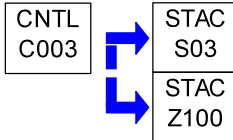
Source ID: C003

Source Name: A, B &amp; D BAGHOUSES

Source Capacity/Throughput:

72.000 Lbs/HR

PARTICULATES



● [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**II. TESTING REQUIREMENTS.**

# 002 [REDACTED]

**Operating permit terms and conditions.**

(a) The permittee shall perform a source test, in accordance with 25 Pa. Code Chapter 139 and the Department's Source Testing Manual (274-0300-002), no earlier than twenty-four (24) months prior to the expiration of this permit and the source test report must be submitted to the Department no later than six (6) months prior to the expiration of this permit. The source test shall, at a minimum, test for Total Particulate Matter, Nitrogen Oxides, Volatile Organic Compounds, Sulfur Dioxide, Carbon Monoxide, Cadmium, Chromium, Lead, Manganese, Nickel, and Arsenic.

(b) The test(s) shall be conducted while the source(s) is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(c) At least ninety (90) days prior to the test, the permittee shall submit to the Department for approval one paper copy plus one electronic copy to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.

(d) At least thirty (30) days prior to the test, the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office shall be informed of the date and time of the test.

(e) Within sixty (60) days after the source test(s) and no later than six (6) months prior to the expiration of this permit, the permittee shall submit one paper copy plus one electronic copy of the source test report, including all operating conditions, to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office.

(f) The Department reserves the right to establish and impose more stringent pollution emission limits than those stated in this section, based on the test results from each source test performed as specified.

(g) In the event that any of the above deadlines cannot be met, the permittee may request an extension for the due date(s) in writing and include a justification for the extension. The Department may grant an extension for a reasonable cause.

**SECTION D. Source Level Requirements**

(h) Any questions or concerns about source testing submissions can be sent to [RA-EPstacktesting@pa.gov](mailto:RA-EPstacktesting@pa.gov) and the PSIMS Administrator will address them. The following are the mail and email addresses for the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office:

Central Office  
Pennsylvania Department of Environmental Protection  
Attn: PSIMS Administrator  
P.O. Box 8468  
Harrisburg, PA 17105-8468  
[RA-EPstacktesting@pa.gov](mailto:RA-EPstacktesting@pa.gov)

Southeast Region  
Pennsylvania Department of Environmental Protection  
Attn: Air Quality Program Manager  
2 East Main Street  
Norristown, PA 19401  
[RA-EPSEstacktesting@pa.gov](mailto:RA-EPSEstacktesting@pa.gov)

[Redacted content]

**SECTION D. Source Level Requirements**

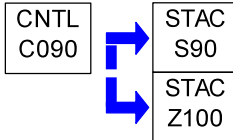
Source ID: C090

Source Name: CANOPY SYS. BAGHOUSE "E"

Source Capacity/Throughput:

71.300 Lbs/HR

PARTICULATES

**II. TESTING REQUIREMENTS.**

# 002

**Operating permit terms and conditions.**

(a) The permittee shall perform a source test, in accordance with 25 Pa. Code Chapter 139 and the Department's Source Testing Manual (274-0300-002), no earlier than twenty-four (24) months prior to the expiration of this permit and the source test report must be submitted to the Department no later than six (6) months prior to the expiration of this permit. The source test shall, at a minimum, test for Total Particulate Matter, Nitrogen Oxides, Volatile Organic Compounds, Sulfur Dioxide, Carbon Monoxide, Cadmium, Chromium, Lead, Manganese, Nickel, and Arsenic.

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**SECTION D. Source Level Requirements**

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Southeast Region  
Pennsylvania Department of Environmental Protection  
Attn: Air Quality Program Manager  
2 East Main Street  
Norristown, PA 19401  
[RA-EPSEstacktesting@pa.gov](mailto:RA-EPSEstacktesting@pa.gov)

[Redacted content]

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description			
055	ELECTRIC MELT SHOP BOILER			
Emission Limit		Pollutant		
19.620	Tons/Yr	Determined on a 12-month rolling period	NOX	
104	104 ELECTRIC FURNACE			
Emission Limit		Pollutant		
34.100	Tons/Mth		NOX	
340.600	Tons/Yr	Determined on a 12-month rolling period	NOX	
			SOX	
49.300	Tons/Mth		VOC	
492.900	Tons/Yr	Determined on a 12-month rolling period	VOC	
136	BATCH HT.TRT.FURNACES 2-8 & 10			
Emission Limit		Pollutant		
173.600	Tons/Yr	Determined on a 12-month rolling period	NOX	
			TSP	
146A	145' NAB FURNACE (CHT)			
Emission Limit		Pollutant		
33.700	Tons/Yr	12 month rolling sum	NOX	
146B	200' NAB FURNACE (CHT)			
Emission Limit		Pollutant		
30.600	Tons/Yr	12 month rolling sum	NOX	
120.000	Lbs/MMCF		NOX	
151	15 SOAKING PITS			
Emission Limit		Pollutant		
502.800	Tons/Yr	Determined on a 12-month rolling period	NOX	



## SECTION F. Emission Restriction Summary.

[illegible]