46-00011 ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

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 a subtorized 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 deferally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements. ITTLE V Permit No: 46-00011 Federal Tax Id - Plant Code: 20-0653500-2 Owner Information Name: ARCELORMITTAL PLATE LLC Mailing Address: 900 CONSHOHOCKEN RD PO BOX 842 CONSHOHOCKEN RD PO BOX 842 CONSHOHOCKEN RD Plant Information Plant: ARCELORMITTAL PLATE LLC Mainting and Education Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN RD Plant Information Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 <	Issue Date:	January 26, 2018	Effective Date:	January 26, 2018
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 Envtronmental 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 detarally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements. ITLE V Permit No: 46-00011 Federal Tax Id - Plant Code: 20-0653500-2 Owner Information Name: ARCELORMITTAL PLATE LLC Mailing Address: 900 CONSHOHOCKEN RD PO BOX 842 CONSHOHOCKEN, PA 19428-1038 Plant Information Plant: ARCELORMITTAL PLATE LLC CONSHOHOCKEN, PA 19428-1038 Plant Information Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 Montgomery County 46944 Plymouth Township SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAR Title: ENVRONMENTAL MGR Phone: (610) 832 - 7190 Signaturer Mathia Mathia Mathia Mathia Mathia Signaturer Mathia Mathia Mathia Signaturer Mathia Mathia Mathia	Expiration Date:			
Federal Tax Id - Plant Code: 20-0653500-2 Owner Information Name: ARCELORMITTAL PLATE LLC Mailing Address: 900 CONSHOHOCKEN RD PO BOX 842 CONSHOHOCKEN, PA 19428-1038 Plant Information Plant Information Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 Montgomery County 46944 Signature: Montgomery County Material Market Strunders And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 WWWWW	amende permitte operate condition with all a The regu in this p	ed, and 25 Pa. Code Chapter 12 e) identified below is authorized the air emission source(s) more fins specified in this permit. Nothing applicable Federal, State and Loca ulatory or statutory authority for eac ermit are federally enforceable app	7, the Owner, [and Operator if note by the Department of Environments ully described in this permit. This Fac g in this permit relieves the permittee I laws and regulations.	d] (hereinafter referred to as al Protection (Department) to ility is subject to all terms and from its obligations to comply skets. All terms and conditions
Owner Information Name: ARCELORMITTAL PLATE LLC Mailing Address: 900 CONSHOHOCKEN RD P0 BOX 842 CONSHOHOCKEN, PA 19428-1038 Plant Information Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 Montgomery County 46944 Plymouth Township SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signaturet MARWA	·	TIT	LE V Permit No: 46-00011	
Name: ARCELORMITTAL PLATE LLC Mailing Address: 900 CONSHOHOCKEN RD PO BOX 842 CONSHOHOCKEN, PA 19428-1038 Plant Information Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 Montgomery County 46944 Plymouth Township SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature MARUE MARUE		Federal 7	Fax ld - Plant Code: 20-0653500-2	•
Mailing Address: 900 CONSHOHOCKEN RD PO BOX 842 CONSHOHOCKEN, PA 19428-1038 Plant Information Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 Montgomery County 46944 Plymouth Township SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature		· · · · · · · · · · · · · · · · · · ·	Owner Information	
PO BOX 842 CONSHOHOCKEN, PA 19428-1038 Plant Information Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 Montgomery County 46944 Plymouth Township SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature	Nai	me: ARCELORMITTAL PLATE LLC		
CONSHOHOCKEN, PA 19428-1038 Plant Information Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 Montgomery County 46944 Plymouth Township SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature MMUSD. MAXMMM	Mailing Addre	ss: 900 CONSHOHOCKEN RD		
Plant Information Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 Montgomery County 46944 Plymouth Township SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature Mathematical		PO BOX 842		
Plant: ARCELORMITTAL PLATE LLC/CONSHOHOCKEN PLT Location: 46 Montgomery County 46944 Plymouth Township SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature		CONSHOHOCKEN, PA 19428	-1038	
Location: 46 Montgomery County 46944 Plymouth Township SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature			Plant Information	
SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature: Market Market	Plant: ARC	ELORMITTAL PLATE LLC/CONSH	OHOCKEN PLT	
SIC Code: 3312 Manufacturing - Blast Furnaces And Steel Mills Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature: Marker Marker	Location: 46	Montgomery County	46944 Plymo	outh Township
Responsible Official Name: EDWARD C FREY Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature:	SIC Code: 3312		•	·
Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190	<u></u>	• • • • • • • • • • • • • • • •		* .
Title: GENERAL MGR Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190	Name: EDW	ARD C FREY		
Phone (610) 383 - 2301 Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832 - 7190 Signature		•		
Permit Contact Person Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832-7190 Signaturer				
Name: IAN MAIR Title: ENVIRONMENTAL MGR Phone: (610) 832-7190 Signature: Arcmus J. Auranama		···· ,	Permit Contact Person	
Title: ENVIRONMENTAL MGR Phone: (610) 832-7190 Signaturer Aremus D. Maranak			r ennit contactr erson	
Signaturer Arenes D. Lebrary hall				
Signaturer Arenes D. Revaring		8	/	
	Phone: (610)	832-7190		
JAMES D. BEBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER	[Signature]	Emeso lebrar he	h	
	JAMES D. REBA	RCHAK, SOUTHEAST REGION	AIR PROGRAM MANAGER	

Pages 2-27, 34, 35, 39-48, 52-59, 63-68, and 71-72 are fully redacted



SECTION D. Source Level Requirements Source ID: 101 Source Name: DREVER FURNACE Source Capacity/Throughput: 20.000 Tons/HR STEEL PLATE 56.000 MCF/HR Natural Gas PROC 101 → STAC 201 FML 1 . RESTRICTIONS. Emission Restriction(s). # 003 Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month rolling sum.			ARCELORMITTAL PLATE	ELLC/CONSHOHOCKEN PLT	
Source Capacity/Throughput: 20.000 Tons/HR STEL PLATE 56.000 MCF/HR Natural Gas PROC 101 → STAC 201 FML 0 → Z01 FML 0 →	SECTION D. Sourc	e Level Requirements			
56.000 MCF/HR Natural Gas PROC 101 → STAC 201 FML01 → 1. RESTRICTIONS. Emission Restriction(s). # 003 Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month	Source ID: 101	Source Name: DREVER FURNAC)E		
101 → Z01 FML ↓ I. RESTRICTIONS. Emission Restriction(s). # 003 Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month		Source Capacity/Throughput:			
NL01 I. RESTRICTIONS. Emission Restriction(s). # 003 Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month]			
# 003 Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month		L			
# 003 Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
 # 003 Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month 	I. RESTRICTIONS.				
Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month	Emission Restriction(s)				
Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
Operating permit terms and conditions. [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99] The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
The permittee shall limit the NOx emissions from this Source ID to less than 34.34 tons per year calculated on a 12-month					
	Operating permit ter		25 Da Cada 427 542 and	4.25 Da Cada 420.001	
rolling sum.	Operating permit ter		25 Pa. Code 127.512 and	1 25 Pa. Code 129.99]	
	Operating permit ter [Additional Authority for The permittee shall li	or this permit condition is derived from			th
	Operating permit ter [Additional Authority for The permittee shall li	or this permit condition is derived from			th
	Operating permit ter [Additional Authority for The permittee shall li	or this permit condition is derived from			th
	Operating permit ter [Additional Authority for The permittee shall li	or this permit condition is derived from			th
	Operating permit ter [Additional Authority for The permittee shall li	or this permit condition is derived from			th
	Operating permit ter [Additional Authority for The permittee shall li	or this permit condition is derived from			th
	Operating permit ter [Additional Authority for The permittee shall li	or this permit condition is derived from			th
	Operating permit ter [Additional Authority for The permittee shall li	or this permit condition is derived from			th

Throughput Restriction(s).

006

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall limit the fuel used by the Drever Furnance (Source ID 101) to less than 490,571 MCF/YR of natural gas, annually, calculated on a 12-month rolling sum.







IV. RECORDKEEPING REQUIREMENTS.

010

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall keep records of the amount of fuel used by the Drever Furnace (Source ID: 101) on a monthly basis. # 011

Operating permit terms and conditions.

[Additional Authority for this permit condition was derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

The permittee shall keep records of the NOx emissions from this source ID monthly and on a 12-month rolling sum.

VI. WORK PRACTICE REQUIREMENTS.

013

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall calculate the nitrogen oxide (NOx) emissions by multiplying the annual usage of natural gas by the emission factor of 0.140 lb NOx/MCF of fuel used.





014

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

(a) The permittee shall ensure that the Drever Furnace (Source ID: 101) shall be maintained and operated in accordance with manufacturer's specifications and in accordance with good air pollution control practices.





SECTION D. Source	Level Requirements			
Source ID: 102	Source Name: QUENCH FURNA	CE		
	Source Capacity/Throughput:	20.000 Tons/HR 88.600 MCF/HR	STEEL PLATE Natural Gas	
$\begin{array}{c} PROC \\ 102 \end{array} \longrightarrow \begin{array}{c} STAC \\ Z01 \end{array}$ $FML \qquad \blacklozenge$				
FML01				

Emission Restriction(s).

004

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall limit the NOx emissions from this source ID to less than 50.55 tons per year calculated on a 12-month rolling sum.





Throughput Restriction(s).

007

Operating permit terms and conditions.

The permittee shall limit the fuel used by the Quench Furnace (Source ID: 102) to 722,143 MCF of natural gas, annually, calculated on a 12-month rolling sum.

[Compliance with this condition assures compliance with RACT I condition number 9]





013

Operating permit terms and conditions.

The permittee shall keep records of the amount of fuel used by the Quench Furnace (Source ID: 102) on a monthly basis.

015

Operating permit terms and conditions.

[Additional Authority for this permit condition was derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

The permittee shall keep records of the NOx emissions from this source ID monthly and on a 12-month rolling sum.

VI. WORK PRACTICE REQUIREMENTS.

017

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall calculate the nitrogen oxide (NOx) emissions by multiplying the annual usage of natural gas by the emission factor of 0.140 lb NOx/MCF of fuel used.

018

Operating permit terms and conditions.

[Additional Authority for this permit condition was derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

(a) The permittee shall ensure that the Quench Furnace (Source ID: 102) shall be maintained and operated in accordance with manufacturer's specifications and in accordance with good air pollution control practices.





SECTION D. Source Lo	evel Requirements		
Source ID: 106	Source Name: ROSE ANNEALING FU	RNACE	
		20.000 Tons/HR 64.500 MCF/HR	STEEL PLATE Natural Gas
$\begin{array}{c} PROC \\ 106 \end{array} \begin{array}{c} STAC \\ Z01 \end{array}$			
I. RESTRICTIONS.			
Emission Restriction(s).			



004

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall limit the NOx emissions from this Source ID to less than 36.84 tons per year calculated on a 12-month rolling sum.





Throughput Restriction(s).

007

Operating permit terms and conditions.

The permittee shall limit the maximum quantity of fuel used in the Rose Annealing Furnace (Source ID: 106) to 526,286 MCF of natural gas annually, calculated on a 12-month rolling sum.

[Compliance with this condition assures compliance with RACT I condition number 9]





013

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall keep records of the amount of fuel used by the Rose Annealing Furnace (Source ID: 106) on a monthly basis.

015

Operating permit terms and conditions.

[Additional Authority for this permit condition was derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

The permittee shall keep records of the NOx emissions from this source ID monthly and on a 12-month rolling sum.

VI. WORK PRACTICE REQUIREMENTS.

017

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall calculate the nitrogen oxide (NOx) emissions by multiplying the annual usage of natural gas by the emission factor of 0.140 lb NOx/MCF of fuel used.

018

Operating permit terms and conditions.

[Additional Authority for this permit condition was derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

(a) The permittee shall ensure that the Rose Annealing Furnance (Source ID: 106) shall be maintained and operated in accordance with manufacturer's specifications as well as in accordance with good air pollution control practices.

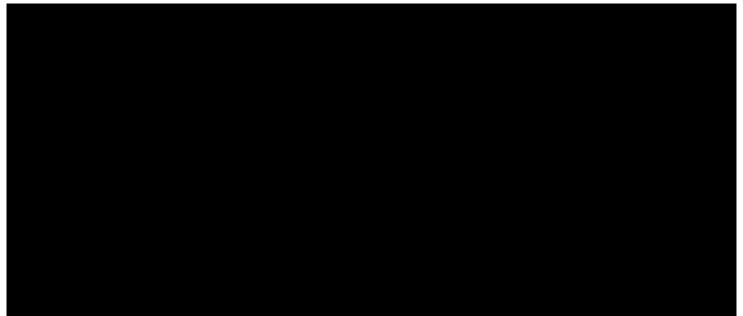
46-00011



SECTION D. Source	Level Requirements			
Source ID: 110	Source Name: SLAB HEATING F	URNACES 1 & 2		
	Source Capacity/Throughput:	200.000 Tons/HR 248.000 MCF/HR	STEEL SLABS Natural Gas	
PROC STAC 110 SO3 FML STAC FML01 STAC STAC SO4 STAC SO4 STAC SO4				

I. RESTRICTIONS.

Emission Restriction(s).



004

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall limit the NOx emissions from Slab Heating Furnace 1 to less than 85.97 tpy and from Slab Heating Furnace 2 to less than 187.34 tpy calculated on a 12-month rolling sum.





Throughput Restriction(s).

007

Operating permit terms and conditions.

The permittee shall limit the quantity of fuel burned in these sources as follows:

(a) Slab Heating Furnace 1: 1,563,901 MCF annually, as a 12-month rolling sum.

(b) Slab Heating Furnace 2: 1,821,848 MCF annually, as a 12-month rolling sum.

[Compliance with this condition assures compliance with RACT I condition number 9]





013

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall keep separate records of the amount of fuel used by Slab Heating Furnaces 1 & 2 (Source ID: 110) on a monthly basis.

014

Operating permit terms and conditions.

[Additional Authority for this permit condition was derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

The permittee shall keep records of the NOx emissions from this source ID monthly and on a 12-month rolling sum.

VI. WORK PRACTICE REQUIREMENTS.

016

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall calculate the nitrogen oxide (NOx) emissions by multiplying the annual usage of natural gas by the following emission factor for each source:

(a) Slab Heating Furnace 1: 0.11 lb NOx/MCF for natural gas;

(b) Slab Heating Furnace 2: 0.198 lb NOx/MCF of natural gas;

[Compliance with this condition assures compliance with RACT I condition number 9]

017

Operating permit terms and conditions.

[Additional Authority for this permit condition was derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

(a) The permittee shall ensure that Slab Heating Furnaces 1 & 2 (Source ID: 110) shall be maintained and operated in accordance with manufacturer's specifications and in accordance with good air pollution control practices.





ource ID: 152	Source Name: TEMPER FURNAC	E	
	Source Capacity/Throughput:	20.000 Tons/HR 94.000 MCF/HR	STEEL PLATE Natural Gas
PROC 152 → STAC Z01			

 # 004

 Operating permit terms and conditions.

 [Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall limit the NOx emissions from this Source ID to less than 19.78 tpy calculated on a 12-month rolling sum.





Throughput Restriction(s).

007

Operating permit terms and conditions.

The permittee shall limit the fuel usage in the Temper Furnace (Source ID: 152) to 282,839 MCF of natural gas per year, as a 12-month rolling sum.

[Compliance with this condition assures compliance with RACT I condition number 9]





013

Operating permit terms and conditions.

The permittee shall keep records of the amount of fuel used by the Temper Furnace (Source ID: 152) on a monthly basis.

015

Operating permit terms and conditions.

[Additional Authority for this permit condition was derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

The permittee shall keep records of the NOx emissions from this source ID monthly and on a 12-month rolling sum.

VI. WORK PRACTICE REQUIREMENTS.

017

Operating permit terms and conditions.

[Additional Authority for this permit condition is derived from 25 Pa. Code 127.512 and 25 Pa. Code 129.99]

The permittee shall calculate the nitrogen oxide (NOx) emissions by multiplying the annual usage of natural gas and/or propane by the emission factor of 0.100 lb NOx/MCF of fuel used.

018

Operating permit terms and conditions.

[Additional Authority for this permit condition was derived from 25 Pa. Code § 127.512 and 25 Pa. Code § 129.99]

(a) The permittee shall ensure that the Temper Furnance (Source ID: 152) shall be maintained and operated in accordance with manufacturer's specifications and in accordance with good air pollution control practices.





SECTION F. Emission Restriction Summary.

Source Id	Source Description		
			-
		-	
		-	
		-	
101	DREVER FURNACE		

Emission Limit			Pollutant	
34.340	Tons/Yr	calculated on a 12-month rolling sum	NOX	

102 QUENCH FURNACE

Emission Limit Pollutant			
50.550 Tons/Yr	calculated on 12-month rolling sum	NOX	

106 ROSE ANNEALING FURNACE

Emission Limit			Pollutant
36.840	Tons/Yr	calculated on a 12-month rolling sum	NOX

1	10	SLAB HEATING FUR	NACES 1 & 2	
E	Emission Limit			Pollutant
	85.970	Tons/Yr	Slab Heating Furnace 1 calculated on 12 month rolling sum	NOX
	_			





SECTION F. Emission Restriction Summary.

152	TEMPER FURNACE

Emission Limit Pollutant 19.780 Tons/Yr calculated on 12 month rolling sum NOX

46-00011



SECTION G. Miscellaneous.

- This operating permit has been renewed and also addresses RACT II applicability and references in accordance with 25 Pa. Code 129.96-129.100