

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

REVISED

TITLE V/STATE OPERATING PERMIT

Issue Date: February 16, 2000

Effective Date: February 16, 2000

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Expiration Date:

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 the site inventory list. 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: 18-00005

Federal Tax Id - Plant Code: 55-0629203-7

Owner Information

Name: DOMINION TRANS INC
Mailing Address: 625 LIBERTY AVE 5TH FLOOR
PITTSBURGH, PA 15222-3199

Plant Information

Plant: DOMINION TRANS INC/FINNEFROCK STATION
Location: 18 Clinton County 18919 Leidy Township
SIC Code: 4922 Trans. & Utilities - Natural Gas Transmission

Responsible Official

Name: STEVEN L BURKETT
Title: MANAGER, ENV. SUPPORT
Phone: (412) 690 - 7625

Permit Contact Person

Name: J. DARRELL BOWEN
Title: CONSULTING ENGINEER
Phone: (412) 690 - 1950

[Signature]

DAVID WALDENDERFER, NORTHCENTRAL REGION AIR PROGRAM MANAGER

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Note: These same sub-sections are repeated for each source!

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Section A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
038	Boiler #1 (Clever Brooks)	3.30 MMBtu/hr	Natural Gas
039	Boiler #2 (Ajax)	2.80 MMBtu/hr	Natural Gas
P01	Fugitive VOC Emissions	N/A	
P101	Engine #1 (Ingersoll Rand)	N/A	Natural Gas
P102	Engine #2 (Ingersoll Rand)	N/A	Natural Gas
P103	Engine #3 (Ingersoll Rand)	N/A	Natural Gas
P104	Engine #4 (Cooper)	N/A	Natural Gas
P105	Engine #5 (Cooper)	N/A	Natural Gas
P106	Engine #6 (Dresser Rand)	N/A	Natural Gas
P107	Cooling and Wastewater Tanks		
P108	Storage Tanks		
P201	Aux. Power Unit #1	N/A	Natural Gas
FM01	Natural Gas Pipeline		
SO38	Boiler #1 Stack		
SO39	Boiler #2 Stack		
S101	Engine #1 Stack		
S102	Engine #2 Stack		
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S105	Engine #5 Stack		
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S201	Aux. Power Unit #1 Stack		
Z01	Fugitive VOCs		

I. RESTRICTION.

003 125 Pa. Code §127.4411

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

(a) The nitrogen oxide emissions (NO_x, expressed as NO₂) from Source ID P104 shall not exceed 44.1 pounds per hour and 193.16 tons in any 12 consecutive month period.

(b) The volatile organic compound emissions (VOCs) from Source ID P104 shall not exceed 2.43 pounds per hour and 10.64 tons in any 12 consecutive month period.
Fuel Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The permittee shall only use pipeline quality natural gas as fuel in Source ID P104.

II. TESTING REQUIREMENTS.

4 100

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The permittee shall perform semi-annual nitrogen oxides (NO_x, expressed as NO₂) and carbon monoxide testing upon Source ID P104 using a portable exhaust gas analyzer approved by the Department. This testing shall be performed during the periods of March 1 through May 31 and September 1 through November 30. The reference method testing required upon this source by this permit may be substituted for the portable analyzer testing on a one-for-one basis (one occurrence of reference method testing may be substituted for one of the every six months occurrences of portable analyzer testing).

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The permittee shall perform EPA reference method stack testing on Source ID P104 sometime during the interval beginning on January 1, 2003 and ending on December 31, 2004, for nitrogen oxides (NO_x, expressed as NO₂), carbon monoxide, volatile organic compounds and non methane hydrocarbons. All testing is to be performed while the source is operating at full load full speed.

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.95]

The permittee shall maintain records in accordance with the recordkeeping requirements of 25 Pa. Code Section 129.95 which, at a minimum, shall include:

(1) The total number of hours that Source ID P104 is operated each month.

(2) The amount of fuel used in Source ID P104 each month.

These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.91]

The permittee shall submit the results of all portable exhaust gas analyzer testing to the Department no later than 30 days after the completion of the testing.

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.441 Operating permit terms and conditions.

Source ID P104 is a Cooper-Bessemer natural gas fired internal combustion engine model 10V-275C2 rated at 4000 horsepower.

038

Boiler #1 (Cleaver Brooks)

2.700 Tons/Yr	combined 038 & 039	VOC
2.700 Tons/Yr		VOC
3.000 Lbs/Hr	combined 038 & 039	VOC
15.000 Lbs/Day	combined 038 & 039	VOC

039

Boiler #2 (Ajax)

0.492 Lbs/Hr		NOX
0.016 Lbs/Hr		VOC
2.700 Tons/Yr	combined 038 & 039	VOC
3.000 Lbs/Hr	combined 038 & 039	VOC
15.000 Lbs/Day	combined 038 & 039	VOC

P01

Fugitive VOC Emissions

4.400 Tons/Yr		VOC

P101

Engine #1 (Ingersoll Rand)

14.550 Lbs/Hr		NOX
4.000 Lbs/Hr		VOC

P102

Engine #2 (Ingersoll Rand)

14.550 Lbs/Hr		NOX
4.000 Lbs/Hr		VOC

P103

Engine #3 (Ingersoll Rand)

14.550 Lbs/Hr		NOX
4.000 Lbs/Hr		VOC

P104

Engine #4 (Cooper)

4.410 Lbs/Hr		NMHC

19.320	Tons/Yr	in any 12 CMP	NMHC
44.100	Lbs/Hr		NOX
193.160	Tons/Yr	in any 12 CMP	NOX
2.430	Lbs/Hr		VOC
10.640	Tons/Yr	in any 12 CMP	VOC

P105 Engine #5 (Cooper)

6.620	Lbs/Hr		NMHC
39.700	Lbs/Hr		NOX

P106 Engine #6 (Dresser Rand)

8.330	Lbs/Hr		NMHC
36.500	Tons/Yr		NMHC
18.500	Lbs/Hr		NOX
81.000	Tons/Yr		NOX
4.580	Lbs/Hr		VOC
20.600	Tons/Yr		VOC

P107 Cooling & Wastewater Tanks

2.700	Tons/Yr	P107 & P108	VOC
3.000	Lbs/Hr	P107 & P108	VOC
15.000	Lbs/Day	P107 & P108	VOC

P108 Storage Tanks

2.700	Tons/Yr	P107 & P108	VOC
3.000	Lbs/Hr	P107 & P108	VOC
15.000	Lbs/Day	P107 & P108	VOC

P201 Aux. Power Unit #1

3.430	Lbs/Hr		NOX

0.680 Lbs/Hr

VOC

Site Emission Restriction Summary

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