

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: June 15, 1999

Effective Date: September 29, 2003

Revision Date: September 29, 2003

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: 18-00006

Federal Tax Id - Plant Code: 55-0629203-2

Owner Information

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

Plant Information

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

Responsible Official

Name: JEFFREY L BARGER
Title: VP, PIPELINE OPS
Phone: (412) 690 - 1000

Permit Contact Person

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

[Signature]


DAVID W ALDENDERFER, NORTHCENTRAL REGION AIR PROGRAM MANAGER

I. RESTRICTIONS.

Emission Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code 127.511 and 129.91]

The potential to emit volatile organic compounds from the 13 fuel gas vents (Source ID P209), the 13 crankcase vents (Source ID P210), and 1 cooling water tank vent (Source ID P211) shall never exceed 3 pounds per hour, 15 pounds per day or 2.7 tons in any 12 consecutive month period (combined). Should any of these limitations ever be exceeded, a detailed RACT analysis which meets the criteria specified in 25 Pa. Code Section 129.92 must be submitted to the Department for each of the sources identified above.

RECORDKEEPING REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.511 and 129.91]

The permittee shall maintain records of calculations that verify the volatile organic compound (VOC) emissions limitations from the 13 fuel gas vents (Source ID P209), the 13 crankcase vents (Source ID P210), and 1 cooling water tank vent (Source ID P211).

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 127.511 and 129.91]

The permittee shall submit records of calculations annually to the Department (no later than March 1 for the previous year) that verify the volatile organic compound (VOC) emissions limitations from the 13 fuel gas vents (Source ID P209), the 13 crankcase vents (Source ID P210), and 1 cooling water tank vent (Source ID P211).

Source ID: 052 Source Name: 4 Salt Bath Heaters Source Capacity/Throughput: 6.50 MMBTU/HR

I. RESTRICTIONS.

Emission Restriction(s).

Fuel Restriction(s).

#003 [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 subject source shall only be fired on pipeline quality natural gas.

II. TESTING REQUIREMENTS.

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

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.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code 127.511]

The permittee shall maintain records of emissions calculations used to verify compliance with the sulfur oxide (SO₂) and particulate matter emissions limitations from each heater. These records shall be retained for at least 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

#005 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25Pa. Code Sections 129.91 and 129.93]

The subject heaters shall be maintained and operated in accordance with the manufacturer's specifications and good air pollution control practices. This requirement shall also be considered as reasonably available control technology (RACT) for the volatile organic compound (VOC) emissions from the subject heaters.

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §127.441]
Operating permit terms and conditions.

Source ID 052 consists of the following heaters:

1. A 1990 vintage, 6.5 MMBtu per hour (input), model SB36-20B, natural gas fired Natco salt bath heater (#1).
2. A 1991 vintage, 6.5 MMBtu per hour (input), model SB36-20B, natural gas fired Natco salt bath heater (#2).
3. A 1992 vintage, 6.5 MMBtu per hour (input), model 22703-D, natural gas fired Tulpro salt bath heater (#3).
4. A 1971 vintage, 6.5 MMBtu per hour (input), model SB36-20B, natural gas fired Natco salt bath heater (#4).

Source ID: 057 Source Name: 0.07 MMBTU/HR Nat. Gas Boiler

I. RESTRICTIONS.

Fuel Restriction(s).
#002 [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 subject source shall only be fired on pipeline quality natural gas.

II. TESTING REQUIREMENTS.

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

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.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25Pa. Code Sections 129.91 and 129.93]

Source ID 057 shall be maintained and operated in accordance with the manufacturer's specifications and good air pollution control practices. This requirement shall also be considered as reasonably available control technology (RACT) for the volatile organic compound (VOC) emissions from Source ID 057.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 057 is a 0.07 million BTU/hour (input), Natco 75Q - 1x 2 - 1 x 2 - 6 natural gas-fired boiler.

Source ID: 059 Source Name: 2 Hot Water Heaters (Each <1MMBTU/HR)

I. RESTRICTIONS.

Fuel Restriction(s).

#002 [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 subject source shall only be fired on pipeline quality natural gas.

II. TESTING REQUIREMENTS.

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

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.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25Pa. Code Sections 129.91 and 129.93]

Source ID 057 shall be maintained and operated in accordance with the manufacturer's specifications and good air pollution control practices. This requirement shall also be considered as reasonably available control technology (RACT) for the volatile organic compound (VOC) emissions from Source ID 057.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 059 consists of the following sources:

- 1) a 0.80 MMBtu/hr. (input), natural gas fired A. O. Smith hot water heater and,
- 2) a 0.40 MMBtu/hr. (input) natural gas fired Bradford White hot water heater.

Source ID: 060 Source Name: 2 Space Heaters (Each <1MMBTU/HR)

I. RESTRICTIONS.

Fuel Restriction(s).

#002 [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 subject source shall only be fired on pipeline quality natural gas.

II. TESTING REQUIREMENTS.

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

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.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE STANDARDS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25Pa. Code Sections 129.91 and 129.93]

The subject heaters shall be maintained and operated in accordance with the manufacturer's specification and good air pollution control practices. This requirement shall also be considered as reasonably available control technology (RACT) for the volatile organic compound (VOC) emissions from the subject heaters.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 060 consists of two Salamandar gas fired heaters. Each heater has a heat input that is less than 1 MMBtu per hour.

Source ID: 063 Source Name: 3 Superior Boilers (40 MMBTU/HR Each) Source Capacity/Throughput: 40.00 MMBTU/HR

I. RESTRICTIONS.

Emission Restriction(s).

003 [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 volatile organic compound (VOC) emissions from each of the boilers in Source ID 063 shall not exceed 0.964 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 boilers of Source ID 063 shall only be fired on pipeline quality natural gas.

II. TESTING REQUIREMENTS.

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

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.

#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 129.95]

The permittee shall maintain record of the following for Source ID 063:

- (1) Emission calculations used to verify that each boiler of Source ID 063 is in compliance with the particulate matter, sulfur oxide, and volatile organic compound (VOC) emission limitations.
- (2) The amount of natural gas burned in each of the boilers of Source ID 063 each month.

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

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.93 and 129.95]

The permittee shall maintain copies of the tune-up reports on each boiler of Source ID 063 in the station's files. At a minimum, the following shall be recorded for each such tune-up:

- (i) the date of the tune-up
- (ii) the name of the service company and technicians performing the tune-up
- (iii) a description of what steps were incorporated in the tune-up, what problems were found during the tune-up, if any, and what adjustments were made to the boiler(s)
- (iv) the final operating rate or load of the boiler(s)
- (v) the final nitrogen oxides (NO_x) and carbon monoxide (CO) emission rates
- (vi) the final excess oxygen rate.

All tune-up records shall be retained for a minimum of five years and shall be made available to the Department upon request.

V. REPORTING 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]

For each tune-up performed upon a boiler of Source ID 063, the permittee shall submit to the Department within 30 days of the date of the respective tune-up, a copy of the tune-up report for the respective tune-up.

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code Sections 129.91 and 129.93]

The permittee shall perform an annual tune-up upon each boiler of Source ID 063 which, at a minimum, meets the criteria specified in 25 Pa. Code Section 129.93(b). This requirement shall also be considered as reasonably available control technology (RACT) for volatile organic compound (VOC) emissions for Source ID 063.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]
Operating permit terms and conditions.

Source ID 063 consists of three 40 million BTU per hour (input) natural gas fired Superior boilers.

