

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Applicable Emission Limitations and/or Control Requirements:

See Air Emission Summary

B. Operational Restrictions:

1. The permittee shall burn only natural gas in this emissions unit.
2. The low NOx burner shall be operated at all times during the operation of this emissions unit to meet the NOx emissions limit established by this permit.

C. Monitoring and/or Record Keeping Requirements:

1. The permittee shall record and maintain records of the amounts of each fuel combusted during each day.
2. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

D. Reporting Requirements:

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements and compliance Method Determination:

1. Compliance with the emission limitations in air emission summary of this permit shall be determined in accordance with the following methods:

- a. Emission Limitation: 0.020 lb PM/MM Btu actual heat input

Applicable Compliance Method: Compliance shall be determined by the AP-42 particulate emission factor of 13.7 lbs per million cubic feet natural gas fired dividing by actual natural gas heating values (Btu per cubic foot natural gas).

- b. Emission Limitation: 8.76 tons/year of PM

Applicable Compliance Method: Compliance shall be determined by multiplying the AP-42 particulate emission factor of 13.7 pounds of per million cubic feet of natural gas fired by the actual annual natural gas consumption rate (million cubic feet per year), and dividing by 2000 pounds per ton.

- c. Emission Limitation: 0.06 lb/hour of SO₂

Applicable Compliance Method: Compliance shall be determined by multiplying AP-42 SO₂ emission factor of 0.6 pound per million cubic feet natural gas fired by the maximum hourly natural gas consumption rate (million cubic feet per hour).

- d. Emission Limitation: 3.64 lbs/hour of NO_x
1.48 lbs/hour of CO
0.14 lb/hour of OC

Applicable Compliance Method: Compliance with the emission limits shall be determined by:

For NO_x: Method 7E of 40 CFR Part 60 Appendix A

For CO: Method 10 of 40 CFR Part 60 Appendix A

For OC: Method 25 of 40 CFR Part 60 Appendix A

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

No Testing is specifically required by this permit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04 (A).

- e. Emission Limitation: 0.263 ton SO₂/year
6.48 tons CO/year
0.61 ton OC/year
15.94 tons NO_x/year

Applicable Compliance Method: The tons per year limitations were developed by multiplying the lb/hr limitations by the maximum operating schedule of 8760 hrs/yr, and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly limitations, compliance will also be shown with the annual limitations.

- f. Emission Limitation: 5% opacity as 6-min average

Applicable Compliance Method: Compliance with the visible emission limitations shall be determined in accordance with the

test method and procedures in OAC rule 3745-17-03 (B)(1).

F. Miscellaneous Requirements:

None