

No. 2 Power Boiler Informational Summary

Description: No. 2 Power Boiler

Emission Unit No: Z012

Installation Date: 1964 **Reconstruction / Modification date:** N/A

Operating Capacity: 323 MMBtu/hr

Operating Schedule: 8760 hours/year.

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
40 CFR Part 63 Subpart DDDDD

Pollutants Emitted

Emission Point #	Point Description	Pollutant	Emission Limit	Standard
BR-PSGO-S021	No. 2 Power Boiler	Particulate matter	≤ 0.12 lbs/MMBtu	Rule 335-3-4-.03(2),
BR-PSGO-S021	No. 2 Power Boiler	Sulfur Dioxide	≤ 4.0 lbs/MMBtu.	Rule 335-3-5-.01
BR-PSGO-S021	No. 2 Power Boiler	Opacity	Shall not exceed opacity requirements as defined by Rule 335-3-4-.01	Rule 335-3-4-.01

Permitted Fuels

Fuel	Max % Sulfur	Max % Ash
Natural Gas		

No. 2 Power Boiler Provisos

Federally Enforceable Provisos	Regulations
1. Applicability	
1. This source is subject to the applicable requirements of ADEM Admin. Code R 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. This source is subject to the requirements of Rule 335-3-4-. 03 for particulate matter from fuel burning equipment.	Rule 335-3-4-.03(2)
3. This source is subject to the requirements of ADEM Admin. Code 35-3-5-.01 for sulfur dioxide from fuel combustion.	Rule 335-3-5-.01
4. This source is subject to the requirements of ADEM Admin. Code 335-3-4-.04 & 335-3-4-.05 for opacity.	Rule 335-3-4-.04 & Rule 335-3-4-.05
5. This source is subject to the applicable requirements of 40 CFR Part 63 Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters.	Rule 335-3-11-.06 (107)
2. Emission Standards	
1. This unit shall only fire natural gas.	Rule 335-3-14-.04
2. Particulate matter emissions shall not exceed 0.12 pounds per million Btu.	Rule 335-3-4-.03
3. Sulfur dioxide emissions shall not exceed 4.0 pounds per million Btu.	Rule 335-3-5-.01
4. Shall not exceed opacity requirements as defined by Rule 335-3-4-.01	Rule 335-3-4-.01
3. Compliance and Performance Test Methods and Procedures	
1. Compliance with the particulate matter emission limit shall be determined in accordance with the 40 CFR Part 60 Method 5 or 17. Alternative test methods may be used provided prior approval by the Department is granted.	Rule 335-3-14-.02
2. Compliance with the sulfur dioxide emission limit shall be determined in accordance with the 40 CFR Chapter 1 Part 60 Appendix A Method 6 or 6C. Alternative test methods may be used provided prior approval by the Department is granted.	Rule 335-3-14-.02
3. Compliance with the opacity limit shall be determined in accordance with the 40 CFR Part 60 Appendix A Method 9. Alternative test methods may be used provided prior approval by the Department is granted.	Rule 335-3-14-.04
4. Emission Monitoring	
1. For sulfur dioxide periodic monitoring obtain natural gas vendor certification of sulfur in fuel once per year.	Rule 335-3-14-.02
5. Recordkeeping and Reporting Requirements	
1. Natural gas sulfur content records shall be maintained on file available for inspection for at least five years.	Rule 335-3-1-.04
2. This source shall meet the energy assessment and tune-up requirements found in Table 3 of 40 CFR Part 63, Subpart DDDDD as referenced in 40 CFR 63.7540(a).	Rule 335-3-11-.06 (107)