

LCB File No. R036-05

PROPOSED REGULATION OF THE STATE ENVIRONMENTAL COMMISSION

(This proposed regulation was previously adopted as T003-05)

Petition 2004-28

EXPLANATION – Matter in *italics* is new; matter in brackets ~~omitted material~~ is material to be omitted.

AUTHORITY: NRS 445B.210 and 445B.300.

Section 1. NAC 445B.22017 is hereby amended to read as follows:

NAC 445B.22017 1. Except as otherwise provided in this section and NAC 445B.2202 ~~and 445B.22023~~, no owner or operator may cause or permit the discharge into the atmosphere from any emission unit which is of an opacity equal to or greater than 20 percent. Opacity must be determined by one of the following methods:

(a) If opacity is determined by a visual measurement, it must be determined as set forth in Reference Method 9 in Appendix A of 40 C.F.R. Part 60.

(b) If a source uses a continuous monitoring system for the measurement of opacity, the data must be reduced to 6-minute averages as set forth in 40 C.F.R. § 60.13(h).

2. The provisions of this section ~~and NAC 445B.2202 and 445B.22023~~ do not apply to that part of the opacity that consists of uncombined water. The burden of proof to establish the application of this exemption is upon the person seeking to come within the exemption.

3. If the provisions of 40 C.F.R. Part 60, Subpart D or Da apply to an emission unit, the emission unit must be allowed one 6-minute period per hour of not more than 27 percent opacity as set forth in 40 C.F.R. § 60.42(a)(2) and 40 C.F.R. § 60.42a(b).

4. The continuous monitoring system for monitoring opacity at a facility must be operated and maintained by the owner or operator specified in the permit for the facility in accordance with NAC 445B.256 to 445B.267, inclusive.

Section 2. NAC 445B.2202 effective through February 28, 2006 is hereby amended to read as follows:

NAC 445B.2202 NAC 445B.22017 ~~and 445B.22023 do~~ *does* not apply to:

1. Smoke from the open burning described in NAC 445B.22067;
2. Smoke discharged in the course of training air pollution control inspectors to observe visible emissions, if the facility has written approval of the Commission;
3. Emissions from an incinerator as set forth in NAC 445B.2207;
4. Emissions of stationary diesel-powered engines during warm-up for not longer than 15 minutes to achieve operating temperatures; or
5. Emission from a steam generating unit fired by fossil fuel or wood for boiler lancing or soot blowing, not to exceed 180 minutes in any 24 consecutive hours.

6. The provisions of this section do not apply to that part of the opacity that consists of uncombined water. The burden of proof to establish the application of this exemption is upon the person seeking to come within the exemption.

Section 3. NAC 445B.2202 effective March 1, 2006 is hereby amended to read as follows:

NAC 445B.2202 NAC 445B.22017 ~~[and 445B.22023 do]~~ *does* not apply to:

1. Smoke from the open burning described in NAC 445B.22067;
2. Smoke discharged in the course of training air pollution control inspectors to observe visible emissions, if the facility has written approval of the Commission;
3. Emissions from an incinerator as set forth in NAC 445B.2207; or
4. Emissions of stationary diesel-powered engines during warm-up for not longer than 15 minutes to achieve operating temperatures.

5. The provisions of this section do not apply to that part of the opacity that consists of uncombined water. The burden of proof to establish the application of this exemption is upon the person seeking to come within the exemption.

Section 4. NAC 445B.22023 is hereby amended to read as follows:

NAC 445B.22023 *Notwithstanding the provisions of NAC 445B.22017 and 445B.2202:*

1. The provisions of this section ~~[and NAC 445B.22017 and 445B.2202]~~ apply to any coal-fired steam generating facility used to produce electricity with an equipment manufacturer's guarantee or demonstrated capability of more than $7,936 \times 10^6$ Btu ($2,000 \times 10^6$ kg-cal) per hour of heat input which existed before 1972.

2. Each coal-fired steam generating unit at a facility must not discharge any particulate matter which exceeds an average opacity of 30 percent for any 6-minute period contained in any hour as measured in the emissions stack of the facility in the manner described in subsection 3.

3. The opacity of the particulate matter must be averaged over each 6-minute period and recorded 10 times per hour. The initial 6-minute period for each hour must begin on the hour. The average opacity for each 6-minute period must be recorded after the expiration of that period.

4. During the interim compliance period specified in 40 C.F.R. § 52.1488(d), each coal-fired steam generating unit at a facility must comply with the opacity provisions of 40 C.F.R. § 52.1488(d).

5. The provisions of this section do not apply to that part of the opacity that consists of uncombined water. The burden of proof to establish the application of this exemption is upon the person seeking to come within the exemption.