

PADEP REVISING PROPOSED RULEMAKING FOR GLASS MELTING FURNACES

PADEP is soliciting comments on changes for the glass melting proposed rulemaking published on April 19, 2008 (38 PA.B 1831), which established NO_x emission control requirements and emission limit standards. The comments are due to PADEP by October 14, 2009. The changes are outlined in 39 PA.B. 5318, September 12, 2009, and a copy of the changes are on PADEP's website (<http://www.dep.state.pa.us>).

The changes in the draft final-form rulemaking are outlined below:

- Revises the definition of “glass melting furnace” to be consistent with EPA’s definition as contained in the final rule under 40 CFR Part 63, Subpart SSSSSS, *National Emissions Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources*.
- The term “rebricking” is added in Chapter 121 and is consistent with EPA’s New Source Performance Standards (NSPS), 40 CFR Part 60, Subpart CC - *Standards of Performance for Glass Manufacturing Plants*.
- For any owner/operator of a glass melting furnace that emits NO_x at a rate of 50 tons/yr or 20 lbs/hr, compliance is required by January 1, 2011.
- Compliance with the emission limitations is to be on a 30-day rolling averaging basis.
- The NO_x surrender compliance option has been eliminated from the draft final-form rulemaking. This option allowed for the purchase of NO_x CAIR allowances.
- Compliance with the NO_x emission limitations are year-round and the provision requiring compliance during the ozone season has been deleted.
- A NO_x emission limitation has been added to glass melting furnaces that produce a glass product that is other than flat, container, fiberglass, pressed or blown.
- The exemption from the NO_x emission limits for a glass melting furnace where the heat is supplied solely by an electric current from electrode submerged in the molten glass has been deleted.
- An exemption from the NO_x emission limits for a glass melting furnace during idling has been added.
- A petition process for an alternative compliance deadline has been added for any glass melting furnace that demonstrates that it is economically or technologically infeasible to meet the compliance deadline.
- A petition process for alternative emission limitations has been added for glass melting furnaces that produce a product other than flat, container, fiberglass, pressed or blown glass.
- A longer furnace startup exemption time has been added for furnaces that install NO_x controls that are not in common use or are not readily available from a commercial supplier.
- Options to demonstrate compliance with the NO_x emission limits included compliance on a furnace-by-furnace basis, facility-wide averaging basis, or a system-wide averaging basis among furnaces under common control. However, if voluntarily opted in a market based program, compliance using the emissions averaging approach is prohibited. Also, an emission reduction obtained by emissions averaging to demonstrate compliance with the emission limits will not be considered a surplus for emission reduction credit purposes.