**Section 226.140 Lead Emission Standards**

a) For all alloying and refining kettles located at a source subject to this Part (see Section 226.125), each lead emission unit must be:

1) Equipped with a capture system (including covers, hoods, ducts, and fans) that is vented to a control device for lead particulates. The emissions of lead into the atmosphere from each control device must not exceed 0.0010 gr/dscf; and

2) Operated in a total enclosure pursuant to Section 226.155. The entire gas stream collected by each total enclosure must only be ducted to a control device such that the emissions of lead into the atmosphere from each control device must not exceed 0.00010 gr/dscf.

b) For reverberatory furnaces or rotary furnaces located at a source subject to this Part (see Section 226.125), each lead emission unit must be:

1) Equipped with a capture system (including hoods, ducts, and fans) that is vented to a control device for lead particulates. The emissions of lead into the atmosphere from each control device must not exceed 0.00010 gr/dscf; and

2) Operated in a total enclosure pursuant to Section 226.155. The entire gas stream collected by each total enclosure must only be ducted to a control device such that the emissions of lead into the atmosphere from each control device must not exceed 0.00010 gr/dscf.

c) Notwithstanding the provisions for total enclosure in subsections (a) and (b), any emissions of lead exiting an uncontrolled stack during quenching or mold cooling operations must not exceed 0.00010 gr/dscf. Quenching operations shall be limited to no more than 6 hours per associated unit in any 24 hour period.

d) For induction furnaces located at a source subject to this Part (see Section 226.125), each lead emission unit must be equipped with a capture system (including hoods, ducts, and fans) that is vented to a control device for lead particulates. The emissions of lead into the atmosphere from each control device must not exceed 0.000010 gr/dscf.

e) For all other furnaces, lead kettles, or any other operation subject to this Part (see Section 226.125), but not subject to subsection (a), (b), or (d), each lead emission unit must be equipped with a capture system (including ducts, fans, and hoods or covers) that is vented to a control device for lead particulates. The emissions of lead into the atmosphere from each control device must not exceed 0.00010 gr/dscf.

f) Any source subject to the requirements of this Part (see Section 226.125) must operate pursuant to a lifetime operating permit, a federally enforceable State operating permit, a Clean Air Act Permit Program permit, or conditions within a construction permit.