

New vs. Existing Sources

NEW UNITS: Commenced construction or reconstruction on or after April 4, 2007.

EXISTING UNITS: Commenced construction or reconstruction before April 4, 2007.

Existing Source Compliance: July 16, 2008

November 13, 2007: Each facility is required to submit an initial notification report.

July 16, 2008: Each facility must meet the compliance requirements.

January 12, 2009: Each facility must conduct testing of each stack.

March 13, 2009: Each facility must submit a notification of compliance.

The Lead Acid Battery Manufacturing NESHAP was published in the Federal Register on July 16, 2007 (72 FR 38864). The notice is available at www.epa.gov/ttn/atw/area/fr16jy07.pdf

You can also contact your Regional EPA

AIR TOXICS office at the following numbers:

Address	States	Website / Phone Number
Region 1 1 Congress Street, Suite 1100 Boston, MA 02114-2023	CT, MA, ME, NH, RI, VT	www.epa.gov/region1 888-372-7341 617-918-1650
Region 2 290 Broadway NY, NY 10007-1866	NJ, NY, PR	www.epa.gov/region2 212-637-4023
Region 3 1650 Arch Street Philadelphia, PA 19103-2029	DE, MD, PA, VA, WV, DC	www.epa.gov/region3 800-228-8711 215-814-2196
Region 4 Atlanta Federal Center 61 Forsyth Street, SW Atlanta, GA 30303-8960	FL, NC, SC, KY, TN, GA, AL, MS	www.epa.gov/region4 800-241-1754 404-562-9131
Region 5 77 West Jackson Blvd. Chicago, IL 60604-3507	IL, IN MI, WI MN, OH	www.epa.gov/region5 312-886-6812 312-353-6684 312-886-6798
Region 6 1445 Ross Avenue Suite 1200 Dallas, TX 75202-2733	AR, LA, NM, OK, TX	www.epa.gov/region6 800-887-6063* 214-665-7250 214-665-7224
Region 7 901 North Fifth Street Kansas City, KS 66101	IA, KS, MO, NE	www.epa.gov/region7 800-223-0425 913-551-7003
Region 8 1595 Wynkoop Street Denver, CO 80202-1129	CO, MT, ND, SD, UT, WY	www.epa.gov/region8 800-227-8917* 303-312-6460
Region 9 75 Hawthorne Street San Francisco, CA 94105	CA, AZ, HI, NV, GU, AS, MP	www.epa.gov/region9 415-947-8715
Region 10 1200 6th Avenue Suite 900, AWT-107 Seattle, WA 98101	AK, ID, WA, OR	www.epa.gov/region10 800-424-4372* 206-553-6220

* For sources within the region only.

For More Information

This brochure is a general guide only; review the rule for your specific requirements at:

<http://www.epa.gov/ttn/atw/area/arearules.html>

For more information on state requirements, please contact your state representatives at:

http://www.epa.gov/ttn/atw/area/table_state_contacts.doc or, <http://www.4cleanair.org/contactUsaLevel.asp>



August 2008

www.epa.gov/ttn/atw/area/arearules.html

Office of Air Quality Planning and Standards

Summary of Regulations Controlling Air Emissions for the Lead Acid Batteries Industry



National Emission Standards for Hazardous Air Pollutants (NESHAP)

SUBPART P P P P P

Lead Acid Battery Manufacturing Area Source NESHAP. On July 16, 2007, EPA finalized a regulation that affects lead emissions from all lead acid battery manufacturing facilities that are area sources. This brochure is intended to provide basic information for lead acid battery manufacturers that may be subject to this rule.

Which units are affected?

All U.S. lead acid battery manufacturers have been identified as area sources.

Reporting Requirements

You must submit a semi-annual monitoring system performance report in accordance with §63.10(e)(3).

Lead Concentration Limits of the NSPS

Affected Source	Emission Limit
Grid casting	0.4 mg/dscm (0.00024 gr/dscf)
Paste mixing, Three-process operation, Other lead emitting processes	1 mg/dscm (0.00044 gr/dscf)
Lead oxide manufacturing	5 mg/kg of lead processed
Lead reclamation	4.5 mg/dscm (0.0022 gr/dscf)

Testing Requirements

Existing sources are not required to conduct a performance test if a prior performance test was conducted using the same methods specified in 40 CFR 60.374 and either no process changes have been made since the test, or you can demonstrate that the results of the performance test, with or without adjustments, reliably demonstrates compliance with 40 CFR 60.372 despite process changes.

Monitoring and Recordkeeping

The rule requires **daily** and **semi-annual** monitoring of fabric filters. Facilities may choose one of the following:

- Install and monitor a pressure drop monitor: if the results are outside of the normal range, you must record the incident, take immediate corrective actions, and record the corrective actions taken.
- Conduct daily opacity inspections: if visible emissions are detected, you must record the incident and conduct an opacity test in accordance with 40 CFR 60.374(b)(3) and record the results. Other than a lead reclamation source where opacity must be below 5%, no sources may have visible missions under 40 CFR 60.372.

Note: You are only required to perform these inspections weekly if your fabric filters are equipped with a high efficiency particulate air (HEPA) filter or other secondary filter.

- For emissions points controlled by scrubbers, you must meet the requirements in 40 CFR 60.373.
- You must perform and record the results of semiannual inspections and maintenance to ensure proper performance of each fabric filter.