

40 CFR 63.460
National Emission Standard for Halogenated Solvent Cleaning:
Compliance for Batch Cold Machines June 1998

The National Emission Standard for Hazardous Air Pollutants (NESHAP) for Halogenated Solvent Cleaning is a federal regulation that affects facilities with solvent cleaning machines. What your facility must do to comply with this NESHAP depends on the type of solvent cleaning machines that you use (batch vapor, in-line vapor, in-line cold, or batch cold).

This fact sheet provides a general overview of the compliance requirements for **batch cold solvent cleaning machines**. Other fact sheets describe what other types of solvent cleaning machine must do to comply with the NESHAP. Additional technical information is available by calling the Small Business Assistance Program (SBAP) at the toll-free number below for free and confidential help. For general information about air emissions regulations, contact the Environmental Ombudsman Unit at the toll-free number below; their assistance is also free and confidential.

Compliance

Owners of batch cold cleaning machines must comply with the following control requirements and the workplace practices below to control solvent emissions, although immersion machines with a water layer are exempt from the workplace practices.

To reduce or control solvent emissions,

Immersion cold cleaning machines must:

Use a cover and a 2.5 cm (1.0 inch) water layer
OR

Use a cover and a freeboard ratio of 0.75 or greater

Remote reservoir cold cleaning machines must use a cover.

Workplace Practices

1. Collect and store solvent waste in closed containers
2. Flush parts in freeboard area
3. Drain parts for 15 seconds or until dripping has stopped, whichever is longer. Parts having cavities shall be tipped to allow draining
4. Do not fill cleaning machine above fill line
5. Clean up spills immediately.
6. Store wipe rags in closed containers

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Need more facts?

For technical assistance and for help with permitting, call the Small Business Assistance Program (SBAP) of the New York State Environmental Facilities Corporation
(800) 780-7227

For information about regulations, compliance financing assistance, and assistance resolving regulatory difficulties, contact the Environmental Ombudsman Unit of Empire State Development
(800) 782-8369

Both offer free and confidential assistance to small businesses.

The New York State
Small Business
Stationary Source
Technical
and
Environmental
Compliance
Assistance
Program

7. Do not agitate solvent to the point of causing splashing
8. When cover is open, room drafts must not exceed 132 feet per minute
9. Do not clean absorbent materials

Additional Operating Tips

Although not specifically required by the NESHAP, the following operating tips will also help reduce solvent emissions from batch cold machines:

- use a coarse spray or solid stream of solvent instead of a fine spray, which can vaporize easily
- minimize open surface area—the less interface between the solvent surface and air, the less evaporation
- use a deep tank with a high freeboard to keep vapors inside the tank
- don't use compressed-air sprays to blow-dry parts or to mix cleaning baths; such sprays propel vapors into the surrounding air

Reporting Requirements and Deadlines

Owners of batch cold machines must comply with the following reporting requirements by the deadlines indicated. The NESHAP does not include any base design, recordkeeping, or operator test requirements for batch cold machines.

	Initial Notification Due	Initial Statement of Compliance Due
Existing Machines ^a	August 29, 1995	May 1, 1998
New Machines ^b	prior to construction	150 days after startup

^a Existing = machines in operation on or before 11/29/93.

^b New = start up after 11/29/93.

Preparing and Sending Reports

The SBAP can help you prepare the appropriate reporting forms. Call (800) 780-7227 for assistance. The *Initial Notification* must be submitted to the (1) New York State Department of Environmental Conservation (DEC) Central Office, (2) the U.S. Environmental Protection Agency (EPA), and (3) the Regional Air Pollution Control Engineer at the DEC Regional Office that serves your county. The *Initial Statement of Compliance* need only be sent to the EPA and the DEC Regional Office. Keep a copy of all forms you submit to any agency for your records.

Mail copies of forms to:

DEC

Division of Air Resources
Bureau of Stationary Sources
Source Control Technology Section
50 Wolf Road, Room 108
Albany, NY 12233-3254

U.S. EPA

Region II
Air Compliance Branch
290 Broadway, 21st Floor
New York, NY 10007-1886

If you don't know which DEC Regional Office to send the third copy to, contact the SBAP or the Ombudsman to find out which DEC Regional Office serves your county.

Permitting

Also of importance for New York State facilities is the requirement that most halogenated solvent degreasing facilities have a valid New York State air emissions permit or registration under Part 201. The SBAP can help you with free and confidential assistance to determine what air emissions permit or registration is appropriate for your facility and help you complete the necessary forms.