

just the **FACTS**

40 CFR 63.460
National Emission Standard for Halogenated Solvent Cleaning:
Monitoring and Recordkeeping for Machines Using Control Combinations or Idling Emission Limits to Comply

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 monitoring and recordkeeping requirements for solvent cleaning machines using any control devices as part of the control combinations or idling emission limit compliance options of the NESHAP.** Other fact sheets describe additional elements of complying 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.

Monitoring

Owners of solvent cleaning machines that use control devices to comply with the NESHAP, either as part of a control combination or to achieve the idling emission limit, must monitor certain parameters for each control device to assure compliance. The specific parameters will vary depending on which control device is used and the results of the monitoring must be recorded. The table below summarizes the monitoring and recordkeeping requirements for each control device. **It is important to note that whether you choose to comply by using control combinations or the idling emission limit, if you are using any control devices, then monitoring and recordkeeping is required.**

Control Device	Parameter to be Monitored or Measured	Frequency	What to Record
Freeboard refrigeration device	Measure the temperature at the center of the air blanket during idle mode	weekly	Results of the weekly temperature measurement

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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

The information in this fact sheet is intended for general reference only; it is not a full and complete statement of the technical or legal requirements associated with the regulation.

Control Device	Parameter to be Monitored or Measured	Frequency	What to Record
Superheated vapor system	Measure the temperature at the center of the superheated solvent vapor zone during idle mode	weekly	Results of the weekly temperature measurement
Working-mode, downtime-mode and/or idling-mode cover	Inspect cover to ensure that it opens and closes properly and is free of cracks, holes and other defects	monthly	Results of monthly inspection
Dwell	Measure the actual dwell time	monthly	Results of monthly measurement and original dwell time determinations, measurements, and calculations
Hoist speed ^a	Measure hoist speed monthly for first year then quarterly if no exceedance or if hoist cannot exceed 11 feet/min (3.4 m/min)	monthly, then quarterly	Results of measurements
Reduced room draft ^b (by controlling room conditions)	Measure wind speed and monitor room conditions	Initial and quarterly measurements of wind speed; weekly monitoring of room conditions	Results of monitoring and conditions
Reduced room draft ^b (by using a room enclosure)	Monitor room enclosure for defects and measure wind speed	initial and monthly	Results of monthly measurements and monitoring
Carbon adsorber	Measure exhaust concentration	weekly	Results of measurements
Freeboard ratio of 1.0	None	none	Specifications for freeboard

^a A maximum hoist speed of 3.4 meters (11 feet) per minute is one of the equipment design requirements for any solvent degreasing equipment that uses either the control combinations or the idling emission limit to comply with the NESHAP.

^b Solvent degreasing equipment that uses either the control combinations or the idling emission limit to comply with the NESHAP must either use a cover or reduce the room draft. Room draft may be reduced by controlling room conditions or by using a room enclosure around the vapor degreasing equipment.