

Operating, Recordkeeping, Monitoring Requirement For Dry Cleaning Facilities Using Perchloroethylene



Transfer Machines

Perform a leak detection inspection of the components of each dry cleaning machine both by sight/smell and with a halogenated hydrocarbon detector (frequency depends on source size).

Repair any leaks identified and make repairs promptly.

If a refrigerated condenser is used, temperature measurements should be recorded weekly at both the inlet and outlet to the condenser. The difference must be 20°F or greater.

If a carbon adsorber (CA) is used, perchloroethylene (perc) concentrations in the exhaust should be measured weekly. A colorimetric detector tube should be used to measure the perc. The measurement should be taken at the end of the last dry cleaning cycle while the perc is released to the sniffer, prior to steaming out (cleaning) the CA. The concentration of perc in the exhaust must be 100 ppm or less.

Dry-To-Dry Machines

Perform a leak detection inspection of the components of each dry cleaning machine both by sight/smell and with a halogenated hydrocarbon detector (frequency depends on source size).

Repair any leaks identified and make repairs promptly.

If a refrigerated condenser is used, temperature measurements should be recorded weekly at the outlet of the condenser. The temperature must be 45°F or less.

If a CA is used, perc concentrations in the exhaust should be measured weekly. A colorimetric detector tube should be used to measure the perc. The measurement should be taken at the end of the last dry cleaning cycle while the perc is released to the sniffer, prior to steaming out (cleaning) the CA. The concentration of perc in the exhaust must be 100 ppm or less.

All Units

Record the amount of perc purchased monthly and maintain a 12-month rolling total of perc purchases.

Operate machines according to manufacturer's specifications.

Forms for Recordkeeping

Copies of a Refrigerated Condenser Temperature Log, Leak Detection & Repair Log, Carbon Adsorber Log and Perc Purchase Log may be found on our webpage at <http://go.usa.gov/xQw2J>.