

# Leak Detection and Repair Log

## Perchloroethylene Dry Cleaners

Under NESHAP M, §63.322, **inspections for perceptible leaks of perchloroethylene must be performed (while the dry cleaning system is operating) weekly for large area sources and major sources, and bi-weekly for small area sources.** The following components must be inspected: hose and pipe connections, fittings, couplings and valves; door gaskets and seatings; filter gaskets and seatings; pumps; solvent tanks and containers; water separators; muck cookers; stills; exhaust dampers; diverter valves; and all filter housings. Perceptible leaks are those that are obvious from: (1) odor; (2) visual observation, such as pools or droplets of liquid; or (3) detection of gas flow by passing the fingers over the surface of equipment. Additionally, both small and large area sources must conduct a monthly inspection in accordance with §63.322(o)(1)(i) using a halogenated hydrocarbon detector or a PCE gas analyzer operated according to manufacturer’s instructions. Major sources must conduct the inspections using a PCE gas analyzer operated according to EPA Method 21. Each inspection done with a detector satisfies one inspection for perceptible leaks.

Any leaks detected during an inspection must be repaired within 24 hours. Any needed repair parts must be ordered within 2 working days of detecting a leak, and must be installed within 5 working days after receipt.

Date	Inspector's Name	Indicate "Perceptible" or "Detector" Inspection	Leaky component name or location (or write "none")	Date part ordered	Date part received	Repair date