

How To Conduct A Leak Check

Step 1 Get checklist (Equipment Leak Check Log Form) and leak detection equipment.

Note: The Department of Environmental Protection (DEP) requires each facility to use one of the following devices to detect leaks at dry cleaning facilities. Leak detection equipment must be operated and calibrated in compliance with manufacturer's specifications.

- 1) a halogenated-hydrocarbon detector
- 2) a portable gas analyzer
- 3) an air sampling pump and colorimetric tube
- 4) an alternative device approved by the Department

In addition, you must check for perceptible leaks, that is you must use your senses (e.g. sight, smell or touch) to detect leaks.

Step 2 Go to machines and locate proper leak detection points.

Required: Proper leak detection points are hose & pipe connections, fittings, couplings, valves, door gaskets & seatings, pumps, solvent tanks & containers, water separators, muck cookers, stills, exhaust dampers, diverter valves, filter gaskets & seatings and cartridge filter housings.

Step 3 Record readings from the leak detection equipment and record readings on the form for that machine.

Note: A vapor leak is an emission of perchloroethylene vapor from unintended openings in the dry cleaning system. Leaks waste Perchloroethylene and your money. Please fix leaks promptly.

If you find a leak, you must complete steps 4 or 5

Step 4

- Record the leak detection.
- Repair the leak within 24 hours.
- Record the activity you used to repair the leak.

Step 5

- If it is necessary to order a new part, order the part within 48 hours of leak detection.
- Fix leak within 5 days after receiving parts.
- Record the activity you used to repair the leak.

Step 6

- Keep all records of leak checks and repairs.