

Good Housekeeping Practices for Perc Dry Cleaners



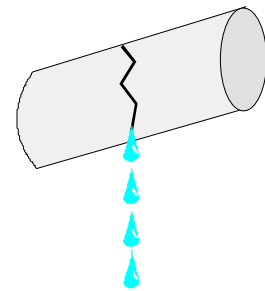
- ✓ Conduct a weekly leak detection and repair program to inspect all dry cleaning equipment for leaks that are obvious from sight, smell, or touch
NOTE: This program is required every other week if you are not required to install control.

- ✓ Repair leaks within 24 hours after they are found, or order repair parts within 2 working days after detecting a leak that needs repair parts. Install the repair parts within 5 working days after they are received

- ✓ Keep a log of the weekly (or biweekly) results of the leak detection and repair program.

- ✓ Follow good housekeeping practices, which include:

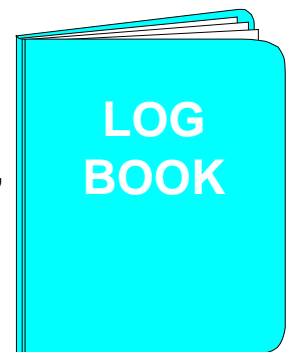
- Keeping all perc and waste containing perc in covered containers with no leaks
- Draining cartridge filters in closed containers
- Keeping machine doors shut when clothing is not being transferred

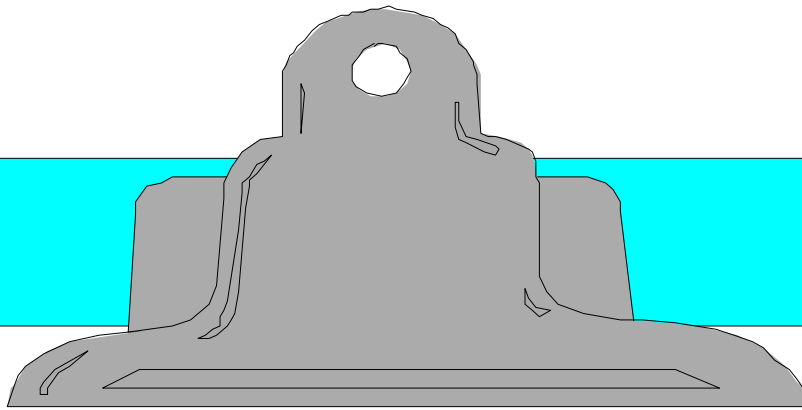


- ✓ Operate and maintain all dry cleaning equipment according to manufacturer's instructions

Required Records

- ✓ A log of the results of the leak detection and repair program
- ✓ A log of the amount of perc purchased for the past 12 months, calculated each month
- ✓ The operation and maintenance manuals for all dry cleaning systems and control equipment at the site





Monitoring Requirements for Dry-to-Dry Systems

Control Requirement

Weekly Monitoring Requirement

Refrigerated condenser

The temperature of the exhaust on the outlet side of the condenser must be 45 degrees Fahrenheit (F) or less. If the temperature is greater than 45 degrees, make necessary repairs or adjustments within 24 hours.

Carbon adsorber

Measure and record the concentration of perc in the carbon adsorber exhaust by using a colorimetric detector tube (instructions are included in the purchase package). The concentration of perc in the carbon adsorber exhaust must be 100 parts per million (ppm) or less. If the concentration is greater than 100 ppm, make necessary repairs or adjustments.

Supplemental carbon adsorber

(Required for new systems at businesses that purchase over 2,100 gallons of perc per year):

Vented type: exhaust passes through adsorber upon opening the door

Measure and record the concentration of perc in the carbon adsorber exhaust by using a colorimetric detector tube (instructions are included in the purchase package). The concentration of perc in the carbon adsorber exhaust must be 100 ppm or less. If the concentration is greater than 100 ppm, make necessary repairs or adjustments.

No-vent type: exhaust passes through adsorber before door is open

Using a colorimetric detector tube (instructions are included in the purchase package), measure and record the concentration of perc in the dry cleaning drum at the end of the dry cleaning cycle. The concentration of perc in the dry cleaning machine drum must be 300 ppm or less. If the concentration is greater than 300 ppm, make necessary repairs or adjustments.



State of Illinois

Environmental Protection Agency