

# Parts I, II & II(a) - WEEKLY Leak Inspection and Self-monitoring Checklists for Perc Dry Cleaning Equipment



Once each week, assess the status of the applicable dry cleaning system components specified in Parts I, II and II(a). Complete checklist Parts I and II for every perc dry cleaning machine and associated ancillary equipment in the facility. Complete Part II(a) only for dry cleaning machines with external door fans. Completed forms must be kept on-site for at least five (5) years.

DEC ID for Dry Cleaning Facility:  -     -

Facility Name: \_\_\_\_\_

Facility type (check one):  Stand-alone  Mixed-use commercial  Mixed-use residential

Machine Manufacturer and Model Number: \_\_\_\_\_

Machine Serial Number: \_\_\_\_\_

Machine Type:  3rd gen. with external door fan  
 4th gen. with external door fan  4th gen. without external door fan

Capacity (lbs.) \_\_\_\_\_ Year Mfg. \_\_\_\_\_ Date Installed \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Trained Operator Name(s): \_\_\_\_\_

## Part I - Weekly Leak Inspection Checklist:

All hose and pipe connections, fittings, couplings and valves; door gaskets and seatings; filter gaskets and seatings; pumps; solvent (including spent solvent) tanks and containers; water separators; stills; and all filter housings of each dry cleaning system must be inspected weekly for perceptible liquid and vapor leaks and for proper operation while the system is operating. Machines must be inspected for vapor leaks using a halogenated-hydrocarbon detector or other approved instrument. Any perceptible leak, or malfunction, that has been detected by the operator must be noted below in Part I and repaired immediately, if possible. If the leak cannot be repaired at the time of detection, the leaking component must be physically marked or tagged in a manner that is readily observable and repaired within 24 hours of detection, unless repair parts are unavailable. Should repair parts be unavailable, repair must be completed by the end of the 15<sup>th</sup> working day unless a leak-repair extension is granted by the department. Any detected leak or malfunction (answer of "Yes" below) requires completion of the Corrective Action Log (Part VIII, Form 232-8P).

| Date:       | Inspected by (Initials): | Any perceptible liquid or vapor leaks from the machine components? |
|-------------|--------------------------|--|
| ___/___/___ |                          | Yes No   |

| Date:       | Inspected by (Initials): | Any perceptible liquid or vapor leaks from the machine components? |
|-------------|--------------------------|--|
| ___/___/___ |                          | Yes No   |













# Part VII - SIX MONTH Operation & Maintenance Checklist for Perc Dry Cleaning Equipment



Complete the following checklist once every six months for each perc dry cleaning machine and associated ancillary equipment in the facility. Any answer of "No" below requires completion of the Corrective Action Log (Part VIII, Form 232-8P).

Machine Manufacturer and Model Number: \_\_\_\_\_

Machine Serial Number: \_\_\_\_\_

Trained Operator's Initials: \_\_\_\_\_ Date: \_\_\_\_\_

**Operation & Maintenance:**

**General;**

|  |     |    |
|--|-----|----|
| Are all hose and pipe connections, fittings, couplings and valves; door gaskets and seatings; filter gaskets and seatings; pumps; solvent (including spent solvent) tanks and containers; water separators; stills; and all filter housings of each dry cleaning system maintained according to the recommended manufacturer's specifications? | Yes | No |
| Are all parts of the dry cleaning system, including solvent containers, kept closed at all times except when access is required for proper operation and maintenance?  | Yes | No |
| Are perc process tanks refilled using a closed-loop delivery system?   | Yes | No |

**Button and lint traps;**

|  |     |    |
|--|-----|----|
| Are button and lint traps cleaned on the manufacturer's suggested intervals <u>and at least once each working day</u> ?                                  | Yes | No |
| Is lint placed in tightly sealed and properly labeled containers?  | Yes | No |
| Are the button and lint traps cleaned when the local or general exhaust ventilation system is operating to minimize operator exposure to perc emissions? | Yes | No |

**Integral Carbon adsorbers on 4<sup>th</sup> generation machines;**

|   |     |    |     |
|---|-----|----|-----|
| Is the temperature of the exhaust gases that are recirculated through the carbon adsorber at the operating temperature specified by the manufacturer? | Yes | No | N/A |
|---|-----|----|-----|

**Cartridge and adsorptive filters (N/A if filter transferred to a separate device to reduce volume or perc);**

|  |     |    |     |
|--|-----|----|-----|
| Are cartridge filters drained in the filter housing for at least 24 hours before disposal?           | Yes | No | N/A |
| Are adsorptive cartridge filter drained in the filter housing for at least 48 hours before disposal? | Yes | No | N/A |

**Stills;**

|   |             |    |
|---|-------------|----|
| Does the still operate <u>without</u> venting any emissions into the facility?  | Yes         | No |
| Is the still operated at less than or equal to 75 percent of capacity or other alternative value recommended by the manufacturer? | Yes         | No |
| Is the still cooled to 100°F (38°C) or less before being emptied or cleaned?  | Yes         | No |
| Date the still was last cleaned?  | ___/___/___ |    |

**Wastewater Treatment Units (skip section if facility has no wastewater treatment unit);**

|  |     |    |     |
|--|-----|----|-----|
| Is the wastewater treated by physical separation (water separator) and double-carbon filtration prior to evaporation and/or allowed disposal or discharge? | Yes | No |     |
| Are the carbon cartridges from the wastewater treatment unit replaced in accordance with the manufacturer's specification?                                 | Yes | No |     |
| Is the evaporator operated to ensure that no liquid perc or visible emulsion is allowed to vaporize?   | Yes | No | N/A |

**Failure to complete this form is a violation of 6NYCRR Part 232 and could result in enforcement action, including monetary penalties. This form must be kept on-site for at least five (5) years.**

# Part VIII - Corrective Action Log for Perc Dry Cleaning Equipment



Department of Environmental Conservation

Any deficiency reported in Parts I, II, II(a), III, V or VII of the Checklists for Perc Dry Cleaning Equipment requires completion of this log to describe the corrective action taken to address each noted deficiency. Each perc machine should have a separate Part VIII log for recording the Date corrective action was taken, applicable Checklist Part and a description of the Corrective Action Taken.

Machine Manufacturer and Model Number: \_\_\_\_\_

Machine Serial Number: \_\_\_\_\_

| Date:       | Checklist Part: | Corrective Action Taken: |
|-------------|-----------------|--------------------------|
| ___/___/___ |                 |                          |
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