



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
1021 NORTH GRAND AVENUE EAST
P.O. BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276



**NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS
FOR SOURCE CATEGORIES:
PERCHLOROETHYLENE (PCE) DRY CLEANING FACILITIES
(40 CFR PART 63, SUBPART M)
COMPLIANCE REPORT**

An updated compliance report is required to be submitted for new sources, ownership change; when a piece of equipment is changed, added or removed; or when perc usage changes source categorization. (See SBEAP Regulatory Tips)

Please check the appropriate case:

New Facility OR

Revised Report (check all that apply)

Change in Ownership/Name change

Equipment Change

Source Category Change

(FOR AGENCY USE ONLY)

FACILITY ID #. _____

1. Print or type the following for each separately located dry cleaning site (facility). The owner of more than one site must fill out a separate form for each site.

Name of Owner/Operator: _____

Name of Plant: _____

Mailing Address: _____

City: _____ County: _____ State: _____ Zip: _____

Phone: (_____) _____

Site Address (If Different Than Mailing Address)

Street Address: _____

City: _____ County: _____ State: _____ Zip: _____

2. Check one of the following boxes for the building type where the dry cleaning facility is located:

(a) Stand-alone: The building has no other tenants, leased space, or owner occupants

(b) Co-commercial: The building includes other businesses, but no residents

(c) Co-residential: The building includes a residence(s), even if the residence is vacant at the time this report is submitted

Note: New PCE dry cleaning machines (including relocated used machines) installed after December 21, 2005, in a building with a residence, are prohibited. Existing PCE dry cleaning machines must be removed from residential buildings by December 21, 2020.

Pursuant to 415 I.L.C.S. 5/4 (1992), the Agency is authorized to obtain this and any other information as may be required to carry out the purposes of the Illinois Environmental Protection Act. The failure to provide such information may result in the imposition of civil penalties, criminal fines or imprisonment for up to one year. This form has been approved by the Form Management Center.

3. Number of dry-to-dry cleaning machines at this site: _____

Note: Effective July 27, 2008, transfer machine systems are not allowed to operate.

Examples of transfer machines include, but are not limited to:

- (a) a dry-to-dry machine and reclaimers(s);
- (b) a washer and dryer(s); or
- (c) a washer and reclaimers(s)

4. Write in the total volume of PCE purchased for all of the machines at this site over the past 12 months:

_____ gallons Months: ___/___/___ to ___/___/___

Note: The volume indicated above must be based upon purchase receipts and the required monthly calculations of yearly PCE purchases and as recorded in the purchase log on the first working day of every month.

5. To determine your facility size, check one of the boxes below. The total volume of PCE purchased for all the machines at this site in the previous 12-month period was:

- (a). **Small Area Source**
 less than 140 gallons per year and the facility includes only dry-to-dry machines;

- (b). **Large Area Source**
 equal to or between 140 - 2,100 gallons per year and the facility includes only dry-to-dry machines; or

- (c). **Major Source**
 greater than 2,100 gallons per year and the facility includes only dry-to-dry machines.

Note: If the total yearly PCE purchased as entered in item 4 above, is initially less than the limit for a small area source or for a large area source, but later is exceeded, the owner or operator of the dry cleaning facility shall within 180 calendar days from the date the facility determines it has exceeded the applicable limit, submit to Illinois Environmental Protection Agency (Illinois EPA):

- (i). An updated compliance certification that reflects control equipment and other requirements for a large area source or a major source, whichever is applicable;
- (ii). Clean Air Act Permit Program (CAAPP) permit application, if the large area source limit is exceeded.

6. **Control Requirements**

Provide the following information for **EACH DRY-TO-DRY MACHINE** at this site. Check the applicable box(es) in the table below for the required control(s); if control is not required, check the box in the last row.

	Machine 1	Machine 2	Machine 3	Machine 4
Date Machine Was Installed				
Primary Control:				
Option 1: Refrigerated Condenser, or Equivalent Control Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Option 2: Carbon Adsorber	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Control: Carbon Adsorber, or Equivalent Control Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> No control is required				

Notes:

Primary Control

Each dry cleaning machine installed on or after December 9, 1991, at a small area source, and each dry cleaning machine installed at a large area source or at a major source, shall either be equipped with a:

Option 1: Refrigerated condenser or an equivalent control device; or

Option 2: Carbon adsorber that was installed before September 22, 1993.

Each dry cleaning machine installed before December 9, 1991, at a small area source, is exempt from control requirement.

Secondary Control

In addition to primary control, each dry cleaning machine installed after December 21, 2005, at an area source, and each dry cleaning machine installed after September 23, 1993, at a major source, must be equipped with a non-vented carbon adsorber or equivalent control device.

Equivalent Control Device

Unless an approval is first obtained, the use of an alternative equipment or procedure other than the specified requirements, is not acceptable for compliance demonstration. If alternative equipment or procedures are to be used to demonstrate compliance, the owner or operator must submit an application for an equivalency determination. (See 40 CFR 63.325 for instructions)

Additions/Replacements to Dry Cleaning Machine Systems

The owner or operator is required to submit an updated compliance report to Illinois EPA when dry cleaning machine(s) are added or replacements made to previously reported number of dry cleaning systems. The updated compliance report shall be submitted on or before the 30th day following the changes.

7. **Monitoring Requirements**

If a listed control is checked in item 6 above for any machine at your facility, you must monitor the applicable control parameters to demonstrate compliance. Check the applicable boxes below for monitored parameters.

- (a). A refrigerated condenser on a dry-to-dry machine is used to meet required control:
- On a weekly basis (check one box):
- The refrigerated condenser outlet temperature is measured with a temperature sensor before the end of the cool-down or drying cycle to determine if it is equal to or less than 7.2°C (45°F); or
 - The refrigeration system high pressure and low pressure are monitored during the drying phase to determine if they are in the range specified in the manufacturer's operating instructions.

- (b). A carbon adsorber installed on a dry cleaning machine before September 22, 1993, is used to route air-PCE gas-vapor stream contained within the machine; or

A carbon adsorber installed on a dry cleaning machine, at a major source, is used to pass air-PCE gas-vapor stream immediately before or as the machine door is opened:

- On a weekly basis, the concentration of PCE in the exhaust of the carbon adsorber is measured with a colorimetric detector tube or PCE gas analyzer. The measured PCE concentration in the exhaust is equal to or less than 100 parts per million by volume.

- (c). A carbon adsorber installed on a dry cleaning machine, at a major source, is used to pass air-PCE gas-vapor before the machine door is opened.

- On a weekly basis, the concentration of PCE in the dry cleaning machine drum at the end of the dry cleaning cycle is measured with a colorimetric detector tube or PCE gas analyzer. The measured PCE concentration is equal to or less than 300 parts per million by volume.

8. Are the following good housekeeping practices performed at this facility:

- (a). Keep all PCE and wastes containing PCE in covered containers with no leaks?

YES NO

- (b). Drain cartridge filters in sealed containers for a minimum of 24 hours, before removal from the facility?

YES NO

- (c). The non-vented carbon absorber on a dry cleaning system installed after December 21, 2005, at this area source, is desorbed according to the manufacturer's instructions?

YES NO NA

- (d). Keep each machine door closed when articles are not being transferred?

YES NO

- (e). Operate and maintain each dry cleaning system according to the manufacturer's specifications and recommendations?

YES NO

9. **Leak Detection and Repair Program**

Dry cleaning system components required to be inspected for leaks

i.	Hose and pipe connections, hinges,couplings and valves	v.	Solvents tanks and containers	ix.	Exhaust dampers
ii.	Door and gaskets & seatings	vi.	Water separators	x.	Diverter valves
iii.	Filter gaskets & seatings	vii.	Muck cookers	xi.	All filter housings
iv.	Pumps	viii.	Stills		

- (a). On a weekly (or biweekly) basis, are the applicable components listed above inspected for perceptible liquid leaks while the dry cleaning system is operating?

YES NO

Notes: (i). Inspection for perceptible liquid leaks is required biweekly at small area sources;

- (ii). Inspection with a halogenated hydrocarbon detector or PCE gas analyzer meets the requirement for inspection for perceptible liquid leaks.

- (b). On a monthly basis, are the applicable components inspected for vapor leaks while the component is in operation?

YES NO

Notes: (i). Area sources are required to conduct vapor leaks inspections using a halogenated hydrocarbon detector or PCE gas analyzer that is operated according to the manufacturer's instructions;

- (ii). Inspections for vapor leaks at major sources are to be conducted using a PCE gas analyzer operated according EPA Method 21.

- (iii). Any inspection conducted that meets the requirements for inspection for vapor leaks also fulfils the requirements for inspection for perceptible liquid leaks.

- (c). If repair parts are available are the facility, are leaks repaired within 24 hours after they are detected?

YES NO

- (d). If repair parts must be ordered, are the parts ordered within 2 working days of detecting a leak that needs repair parts and the repair parts installed within 5 working days after they are received?

YES NO

10. **Recordkeeping Requirements**

- (a). Are receipts of PCE purchases kept at the facility and available for inspection and copying?
YES NO
- (b). Is a log of the following information maintained:
 - (i). The volume of PCE purchased each month?
YES NO
 - (ii) The calculation and result of the previous 12-month PCE purchased determined on the first working day of every month?
YES NO
- (c). Is a log of the inspection dates, name and location of system components where leaks are detected maintained?
YES NO
- (d). Is a log of the dates of repair and records of written or verbal orders for needed repair parts maintained?
YES NO
- (e). If a refrigerated condenser is used to comply, is a log of the date and records of monitoring results (temperature sensor or pressure gauge) maintained?
YES NO NA
- (f). If a carbon adsorber is used to comply, is a log of the date and records of monitoring results maintained?
YES NO NA
- (g). Are the applicable records listed in items 9(a) - 9(f) above maintained at the facility for a minimum of 5 years from the date of entry and available for inspection and copying?
YES NO
- (h). Is a copy of the design specifications and the operating manuals for each dry cleaning system and each emission control device located at this facility retained onsite?
YES NO

11. Does the facility have a current Illinois EPA Air Operating Permit?

- YES NO NA
- If No, has an operating permit application been submitted to the Agency?
YES NO NA

Note: A state operating permit is required if the total amount of PCE purchased for all machines at this site is equal to or greater than 30 gallons per month (or 360 gallons or more in the previous 12-month period).

12. I CERTIFY THE INFORMATION CONTAINED IN THIS REPORT TO BE ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

Signature

Date

Print or type the name and title of the Responsible official for this dry cleaning facility:

Name

Title

A Responsible Official shall be one the following:

- The president, vice president, secretary, or treasurer of a corporation that owns the dry cleaning facility, or a duly authorized representative that is responsible for the overall operation of the facility;
- An owner of the dry cleaning facility;
- A principal executive officer if the dry cleaning facility is owned by the Federal, State, City, or County government;
- A ranking military officer if the dry cleaning facility is located at a military base; or
- A general partner of a partnership that owns the dry cleaning facility.

NOTE: A copy of this report is to be kept on-site for at least five years.