State of New Jersey

Department of Environmental Protection
Air Quality Permitting

General Permit
For
Perchloroethylene (PERC) Drycleaning Equipment

This General Permit allows for the construction, installation, reconstruction, modification and operation of:

- Single or multiple dry to dry cleaning equipment at a facility using PERC as the cleaning agent, equipped with a refrigerated condenser as the primary control and also equipped with a carbon adsorber as a secondary control system on the cylinder outlet.

The potential-to-emit (PTE) for the equipment covered under this General Permit shall be established based on the General Permit Number selected by the Permittee on the Registration Form.

Each facility may possess only one GP-012A for all PERC drycleaning equipment at any time. If a facility wants to make a change to drycleaning equipment, which has been registered under GP-012A, a new general permit registration is required. New, additional or replacement drycleaning equipment require a new General Permit registration that will supercede the existing general permit.

Note: This general permit may not be used if another PERC drycleaning equipment is permitted at the facility under a conventional preconstruction permit or the general permit (GP-012/GOP-001). If the facility wishes to use this general permit all PERC dry cleaning equipment must be included on the registration form (GP-012A). All registered dry cleaning equipment must meet all requirements of this general permit GP-012A.

I. DEFINITIONS

The terms used in this General Permit shall have the meanings given to them in N.J.A.C. 7:27-et seq., MACT and/or as defined below:

"Carbon Adsorber" means a bed of activated carbon into which an air-perchloroethylene gas-vapor stream is routed and which adsorbs the perchloroethylene on the carbon.

"Child care center" generally means any home or facility, by whatever name known, licensed by the Department of Human Services which is maintained for the care, development or supervision of six or more children under 13 years of age who attend for less than 24 hours a day. Specifically, this term has the meaning as set forth at N.J.A.C. 10:122-1.2.

"Closed-loop machine" means dry cleaning equipment in which washing, extraction, and drying are all performed in the same single unit (also known as dry-to-dry) and which recirculates the perchloroethylene laden vapor through a control system with no exhaust to the atmosphere during the drying cycle.

"Co-residential" means a dry cleaning facility that is located in a building in which people reside."

"**Distance to Nearest Sensitive Receptor**" means the shortest distance from the dry cleaning facility to the nearest point of a sensitive receptor.

"Diverter Valve" means a flow control device that prevents room air from passing through a refrigerated condenser when the door of the dry cleaning machine is open.

"Dry cleaning" or "perchloroethylene dry cleaning" means the process used to remove soil, greases, paints, and other unwanted substances from materials with perchloroethylene.

"Dry cleaning cycle" means the washing and drying of articles in a dry-to-dry machine.

"Dry cleaning equipment" means any machine, device, or apparatus used to dry clean materials with perchloroethylene or to remove residual perchloroethylene from previously cleaned materials. Dry cleaning equipment may include, but is not limited to, a transfer machine, a vented machine, a converted machine, a closed-loop machine, a reclaimer, or a drying cabinet.

"Dry cleaning equipment drum" means the perforated container inside the dry cleaning machine that holds the articles during dry cleaning.

"**Drycleaning facility**" means a facility with one or more dry cleaning systems that are located on one or more contiguous properties and are owned or operated by the same person (or by persons under common control). The facility encompasses all services and/or products made available to the facility's customers including, but not limited to, dry cleaning, tailoring, shoe repair, laundry, rug cleaning, drapery cleaning, new drapery sales, smoke and fire damage restoration, tuxedo rental, lint rollers, and replacement buttons.

"Dry cleaning system" means all of the following equipment, devices, or apparatus associated with the perchloroethylene dry cleaning process: dry cleaning equipment; filter or purification systems, waste holding, treatment, or disposal systems; perchloroethylene supply systems; dip tanks; pumps; gaskets; piping, ducting, fittings, valves, or flanges that convey perchloroethylene-contaminated air; and control systems.

"Dry-to-dry equipment" means a one-machine dry cleaning operation in which washing and drying are performed in the same machine.

"Filter" means a porous device through which perchloroethylene is passed to remove contaminants in suspension. Examples include, but are not limited to, lint filter (button trap), cartridge filter, tubular filter, regenerative filter, prefilter, polishing filter, and spin disc filter.

"Maximum Achievable Control Technology (MACT)" means a standard or rule promulgated under 40 CFR 63.

"Muck cooker" means a device for heating perchloroethylene-laden waste material to volatilize and recover perchloroethylene.

"Perceptible Leaks" mean any perchloroethylene vapor or liquid leaks that are obvious from:

(1) The odor of perchloroethylene;
(2) Visual observation, such as pools or droplets of liquid; or
(3) The detection of gas flow by passing the fingers over the surface of equipment.

"Perchloroethylene consumed" means the total volume of perchloroethylene purchased based upon purchase receipts or other reliable measures.

"Primary control system" means a refrigerated condenser, or an equivalent closed-loop vapor recovery system.

"Refrigerated Condenser" means a closed-loop vapor recovery system into which prechloroethylene vapors are introduced and then trapped by cooling below the dew point of the perchloroethylene.

"Refrigerated Condenser Coil" means the coil containing the chilled liquid used to cool and condense the perchloroethylene.

"Residence" means any dwelling or housing in which people reside excluding short-term housing that is occupied by the same person for a period of less than 180 days (such as a hotel room.)

"Secondary Control System" means a device or apparatus that reduces the concentration of perchloroethylene in the recirculating air at the end of the drying cycle, beyond the level achievable with a refrigerated condenser alone, and is designed to reduce perchloroethylene concentration below 300 ppm for equipment manufactured after January 1, 2002 or below 500 ppm for equipment manufactured before January 1, 2002.

"Sensitive Receptor" means any residence; any educational resource for minors including, but not limited to, schools or preschools for kindergarten through twelfth grade (K-12) or early childhood education; and health care or community care including, but not limited to, hospitals, long-term care, adult day care, child care centers, and family day care homes.

"Still" means any device used to volatilize and recover perchloroethylene from contaminated perchloroethylene.

"Temperature Sensor" means a thermometer or thermocouple used to measure temperature.

"Transfer machine" means a multiple-machine dry cleaning operation in which washing and drying are performed in different machines. Examples include, but are not limited to:

(1) A washer and dryer(s);
(2) A washer and reclaimer(s); or
(3) A dry-to-dry machine and reclaimer(s).

"Water Separator" means any device used to recover perchloroethylene from a water-perchloroethylene mixture.

II. AUTHORITY

This General Permit is issued under the authority of N.J.S.A 26:2C-9.2. This General Permit shall allow for inspection and evaluation to assure conformance with all provisions of N.J.A.C. 7:27 et seq. An opportunity for public comment on this General Permit was provided on November 5, 2007.

III. APPLICABILITY

This General Permit allows for the construction, installation, reconstruction, modification and operation of:

- Single or multiple dry to dry cleaning equipment at a facility using PERC as the cleaning agent, equipped with a refrigerated condenser as the primary control and also equipped with a carbon adsorber as a secondary control system on the cylinder outlet.

The potential-to-emit (PTE) for the equipment covered under this General Permit shall be established based on the General Permit Number selected by the Permittee on the Registration Form.

Each facility may possess only one GP-012A for all PERC drycleaning equipment at any time. If a facility wants to make a change to drycleaning equipment, which has been registered under GP-012A, a new general permit registration is required. New, additional or replacement drycleaning equipment require a new General Permit registration that will supercede the existing general permit.

Note: This general permit may not be used if another PERC drycleaning equipment is permitted at the facility under a conventional preconstruction permit or the general permit (GP-012/GOP-001). If the facility wishes to use this general permit all PERC dry cleaning equipment must be included on the registration form (GP-012A). All registered dry cleaning equipment must meet all requirements of this general permit GP-012A.

IV. EXCLUSIONS

- **This general permit can not be used unless all PERC drycleaning equipment at the facility are included in this general permit; AND**

- **This general permit can not be used to register the following equipment:**

1. PERC Drycleaning using transfer machines.
2. PERC Drycleaning equipment using a Refrigerated Condenser as the only means of controlling emissions.
3. PERC Drycleaning equipment using Carbon Adsorption as the only means of controlling emissions.
4. PERC Drycleaning equipment with perchloroethylene usage more than the amount allowed in the Options Table per year.
5. PERC Drycleaning equipment at a co-residential dry cleaning facility.
6. PERC Drycleaning facility located less than 50 feet to the nearest sensitive receptor.
7. Boilers and heaters used at the facility.
8. Non HAP cleaning equipment used at the facility.

V. POTENTIAL-TO-EMIT (PTE) AND (PERC) USAGE OPTIONS

The annual emission rates (PTE) for perchloroethylene is determined from the General Permit number, which is based on annual PERC usage and the distance to the nearest sensitive receptor.

The potential-to-emit (PTE) for the equipment covered under this General Permit shall be established based on the General Permit Number selected by the Permittee on the Registration Form.

Only one General Permit Number can be selected from the Options table.

POTENTIAL(S) TO EMIT (IN TPY) ARE ESTABLISHED BY SELECTING THE DISTANCE FROM THE CLOSEST POINT OF THE DRY CLEANING FACILITY, TO THE NEAREST SENSITIVE RECEPTOR . SELECTION OF THE APPROPRIATE DISTANCE ESTABLISHES THE MAXIMUM ALLOWABLE PERC USAGE IN GALLONS PER YEAR.			
General Permit Number	**Distance from the closest point of the dry cleaning facility to the nearest sensitive receptor (feet)**	**Maximum PERC Usage (gals/year)**	**PTE Perchloro-ethylene (TPY)**
PDC – A1	**50 or greater**	**76**	**0.13**
PDC – A2	**65 or greater**	**95**	**0.16**
PDC – A3	**100 or greater**	**152**	**0.26**

COMPLIANCE PLAN: Perchloroethylene Drycleaning Equipment

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1.	The owner or operator shall determine the maximum PERC usage in gallons per year for the purpose of determining applicability with the information presented in the application. The Perchloroethelyne purchased for the facility shall not exceed the option chosen in the Table. [N.J.A.C. 7:27-8.13(a)]	Monitored by calculations each month during operation. The owner or operator shall calculate the maximum PERC usage of every month by summing the volume of all perchloroethylene purchases made in each of the previous 12 months (use a consumption of zero for months in which there were no perchloroethylene purchases). [N.J.A.C. 7:27-8.13(d)]	Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. The owner or operator shall maintain the following information: (1) Receipts of perchloroethylene purchases; (2) The volume of perchloroethylene purchased; and (3) The calculation and result of the yearly perchloroethylene consumption determination. All records must be readily accessible and available to the Department for a period of five years. [N.J.A.C. 7:27-8.13(d)]	Submit notification: Upon occurrence of event. Written notification: Upon exceeding your selected option in any 12-month period, the owner or operator shall submit a notification of non-compliance status signed by a responsible official to: New Jersey DEP Minor Source Compliance P.O. Box 407 Trenton, NJ 08625-0407 [N.J.A.C. 7:27-8.13(d)4]
2.	The owner or operator shall route the air-perchloroethylene gas-vapor stream contained within each dry cleaning machine through a properly operating refrigerated condenser. [N.J.A.C. 7:27-8.13(a)]	Monitored by pressure measurement device each week during operation. The owner or operator shall monitor the refrigeration system high and low pressure during the drying phase to determine if they are in the range specified in the manufacturer's operating instructions. If the machine is not equipped with refrigeration system pressure gauges, the owner or operator shall monitor each week a permanently affixed temperature instrument at the outlet of the refrigerated condenser to determine whether the temperature is less than or equal to 7.2 degrees C (45 degrees F) before the end of the cool-down or	Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation. The owner or operator shall maintain once each week a log of the date, high pressure, low pressure, and recommended high and low pressure range from manufacturer's operating instructions The owner or operator shall maintain once each week a log of the date and temperature instrument monitoring results. All records must be readily accessible and available to the Department for a period of five years	Cease operation or comply: Upon occurrence of event. If the monitored high & low pressure readings are not in the manufacturer's specified range or the monitored temperature exceeds 7.2 degrees C (45 degrees F), the owner or operator shall adjust or repair the dry cleaning system before continuing to operate the system. [N.J.A.C. 7:27-8.13(d)]

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
		drying cycle while the gas-vapor stream is flowing through the condenser. The temperature instrument shall be designed to measure a temperature of 7.2 degrees C (45 degrees F) to an accuracy of +/- 1.1 degrees C (+/- 2 degrees F). The permittee shall maintain the temperature instrument according to manufacturer's specifications. [N.J.A.C. 7:27-8.13(d)]	[N.J.A.C. 7:27-8.13(d)]	
3.	Each Dry-to-Dry PERC dry cleaning machine must be equipped with a carbon adsorber on the cylinder outlet designed to reduce the PERC concentration below 300 ppm for equipment manufactured after January 1, 2002 or below 500 ppm for equipment manufactured before January 1, 2002. [N.J.A.C. 7:27-8.13(a)]	None.	None.	None.
4.	The owner or operator shall store any perchloroethylene or material containing perchloroethylene in covered containers with no perceptible leaks. [N.J.A.C. 7:27-8.13(a)]	None.	None.	None.

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5.	The owner or operator shall inspect the dry cleaning system each calendar week during operation for any **perceptible** leaks including but not limited to: (1) Hose and pipe connections, fittings, couplings, and valves; (2) Door gaskets and seatings; (3) Filter gaskets and seatings; (4) Pumps; (5) Solvent tanks and containers; (6) Water separators; (7) Muck cookers; (8) Stills; (9) Exhaust dampers; (10) Diverter valves; and (11) All filter housings. [N.J.A.C. 7:27-8.13(a)]	Monitored by visual determination each week during operation. Inspect the dry cleaning system once each calendar week during operation for any perceptible leaks. [N.J.A.C. 7:27-8.13(d)]	Other: Recordkeeping by manual logging of the inspection results or storing data in a computer data system each week during operation. The owner or operator shall maintain once each calendar week a log of the dates of inspections and the locations of any perceptible leaks found and the corrective measures taken to repair such leaks. All records must be readily accessible and available to the Department for a period of five years. [N.J.A.C. 7:27-8.13(d)]	Cease operation or comply: Upon occurrence of event. The owner or operator shall cease operation of the dry cleaning equipment until all perceptible leaks of the dry cleaning system are repaired. [N.J.A.C. 7:27-8.13(d)]
6.	The owner or operator of each dry cleaning system shall inspect the dry cleaning system once each calendar month during operation for any **vapor** leaks including but not limited to: (1) Hose and pipe connections, fittings, couplings, and valves; (2) Door gaskets and seatings; (3) Filter gaskets and seatings; (4) Pumps; (5) Solvent tanks and containers; (6) Water separators; (7) Muck cookers; (8) Stills; (9) Exhaust dampers; (10) Diverter valves; and (11) All filter housings. [N.J.A.C. 7:27-8.13(a)]	Other: Monitored by using a halogenated hydrocarbon detector or PCE gas analyzer that is operated according to the manufacturer's instructions each calendar month during operation. The owner or operator shall place the probe inlet at the surface of each component interface where leakage could occur and move it slowly along the interface periphery. Any inspection conducted according to this paragraph shall satisfy the requirements to conduct an inspection for perceptible leaks under Ref #5. [N.J.A.C. 7:27-8.13(d)]	Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation. The owner or operator shall maintain a log of the dates of inspections and the locations of any vapor leaks found and the corrective measures taken to repair such leaks. All records must be readily accessible and available to the Department for a period of five years. [N.J.A.C. 7:27-8.13(d)]	Cease operation or comply: Upon occurrence of event. The owner or operator shall cease operation of the dry cleaning equipment until all vapor leaks of the dry cleaning system are repaired. [N.J.A.C. 7:27-8.13(d)]
7.	The owner or operator shall determine	None	Other: The permittee shall maintain on	None

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
	the distance from the closest point of the dry cleaning facility to the nearest sensitive receptor for the purpose of determining applicability with the information presented in the application. The distance to the nearest sensitive receptor shall not be less than the Option selected in the Table in Section V above. [N.J.A.C.7:27-8.13(a)]		site a diagram showing the shortest distance from the dry cleaning facility to the nearest sensitive receptor. [N.J.A.C. 7:27-8.13(a)]	
8.	All additions of perchloroethylene to the dry cleaning system storage tanks must be made through a spill proof attachment that includes a vapor balance system with the delivery vessel or container. Connections between the delivery vessel or container and the dry cleaning machine storage tanks shall be designed to be drip free, with fittings that are locked in place during filling operations. [N.J.A.C. 7:27-8.13(a)]	None	None	None
9.	Perchloroethylene contaminated wastewater from a dry cleaning system shall not be treated with equipment such as misters, or other devices that "atomize", "spray" or "fog" the perchloroethylene contaminated wastewater. Perchloroethylene contaminated wastewater from a dry cleaning system shall be: 1. Treated as hazardous waste and removed for disposal by an approved hazardous waste transporter and sent to an approved hazardous waste treatment and storage facility in accordance with	None	None	None

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
	N.J.A.C. 7:26G; 2. Evaporated by heat after at least one cycle of physical separation and carbon filtration. Wastewater evaporators shall be operated to ensure that no liquid perchloroethylene or visible emulsion is allowed to vaporize; or 3. Discharged to a publicly owned treatment works (POTW) in accordance with N.J.A.C. 7:14A. [N.J.A.C. 7:27-8.13(a)]			
10.	The owner or operator shall route the air-perchloroethylene gas-vapor stream contained within each dry cleaning machine through a refrigerated condenser or an equivalent control device. (Note: see Reference # 2, New Jersey State Condition is more stringent) [40 CFR 63.322(b)(1)]	Monitored by pressure measurement device each week during operation. The owner or operator shall monitor the following parameters, as applicable, on a weekly basis: (1) The refrigeration system high pressure and low pressure during the drying phase to determine if they are in the range specified in the manufacturer's operating instructions. (2) If the machine is not equipped with refrigeration system pressure gauges, the temperature of the air-perchloroethylene gas-vapor stream on the outlet side of the refrigerated condenser on a dry-to-dry machine, dryer, or a reclaimer with a temperature sensor to determine if it is equal to or less than 7.2 degrees C (45 degrees F) before the end of the cool-down or drying cycle while the gas-vapor stream is flowing through the	Recordkeeping by manual logging of parameter or storing data in a computer each week during operation. The owner or operator of a dry cleaning facility shall maintain a log on site and show it upon request for a period of five (5) years, the following information: (1) The dates of repair and records of written or verbal orders for repair parts to demonstrate compliance with 40 CFR 63.322(n); and (2) The date and temperature sensor monitoring results to comply with 40 CFR 63.322(b). (Note: see Reference #2, New Jersey State Condition is more stringent) [40CFR63.324(d)4] and [40 CFR 63.324(d)(5)]	Repair equipment: Upon occurrence of event. If the monitored high and low pressure readings are not in the manufacturer's specified range or the monitored temperature exceeds 7.2 degrees C (45 degrees F), adjustments or repairs shall be made to the dry cleaning system. If repair parts must be ordered, either a written or verbal order for those parts shall be initiated within two (2) working days of detecting such a parameter value. Such repair parts shall be installed within five (5) working days after receipt. [40 CFR 63.322(n)]

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
		condenser. The temperature sensor shall be used according to the manufacturer's instructions and shall be designed to measure a temperature of 7.2 degrees C (45 degrees F) to an accuracy of +/- 1.1 degrees C (+/- 2 degreesF). (Note: see Reference #2, New Jersey State Condition is more stringent) [40 CFR 63.323(a)(1)]		

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
11.	The owner or operator shall eliminate any emissions of perchloroethylene during the transfer of articles between the washer and dryer(s). [40 CFR 63.322(b)(2)]	None.	None.	None.
12.	The owner or operator shall close the door of each dry cleaning machine immediately after transferring articles to or from the machine, and shall keep the door closed at all other times. [40 CFR 63.322(c)]	None	None	None
13.	The owner or operator shall operate and maintain the system according to manufacturers' specifications and recommendations. [40 CFR 63.322(d)]	None	None	None
14.	The owner or operator shall operate the refrigerated condenser not to vent or release the air-perchloroethylene gas-vapor stream contained within the dry cleaning machine to the atmosphere while the dry cleaning equipment drum is rotating. [40 CFR 63.322(e)1]	None	None	None
15.	The owner or operator shall operate the refrigerated condenser to prevent air drawn into the dry cleaning machine when the door of the machine is open from passing through the refrigerated condenser. [40 CFR 63.322(e)3]	None	None	None

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
16.	The owner or operator shall drain all cartridge filters in their housing, or other sealed container, for a minimum of twenty four (24) hours, or shall treat such filters in an equivalent manner, before the removal from the dry cleaning facility. [40 CFR 63.322(i)]	None	None	None
17.	The owner or operator shall store all PCE and wastes that contain PCE in solvent containers with no perceptible leaks. The exception to this requirement is that containers for separator water may be uncovered, as necessary, for proper operation of the machine and still. [40 CFR 63.322(j)]	None	None	None
18.	The owner or operator of a dry cleaning system shall inspect the system weekly for **perceptible** leaks while the dry cleaning system is operating. The following components shall be inspected: (1) Hose and pipe connections, fittings, couplings, and valves; (2) Door gaskets and seatings; (3) Filter gaskets and seatings; (4) Pumps; (5) Solvent tanks and containers; (6) Water separators; (7) Muck cookers; (8) Stills; (9) Exhaust dampers; (10) Diverter valves; and (11) All filter housings. (Note: see Reference # 5, New Jersey State condition is more stringent)	Monitored by visual determination each week during operation. Inspect the dry cleaning system once each calendar week during operation for any perceptible leaks. [N.J.A.C.7:27-8.13(d)]	Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation. The owner or operator of a dry cleaning facility shall maintain a log on site and show it upon request for a period of five (5) years, the following information: (1) The dates when the dry cleaning system components are inspected for leaks, as specified in 40 CFR 63.322(k), and the name or location of dry cleaning components where leaks are detected; and (2) The dates of repairs and records of written or verbal orders for repair parts	Repair equipment: Upon occurrence of event. The owner or operator of a dry cleaning system shall repair all perceptible leaks detected during the inspection within 24 hours. If repair parts must be ordered, either a written or verbal order for those parts shall be initiated within two (2) working days of detecting such a leak, and shall be installed within five (5) working days after receipt. (Note: see Reference # 5, New Jersey State Condition is more stringent) [40 CFR 63.322(m)]

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
	[40 CFR 63.322(k)]		to demonstrate compliance with 40 CFR 63.322(m) (Note: see Reference # 5, new Jersey State Condition is more stringent) [40 CFR 63.324(d)(3)] and [40 CFR 63.324(d)4]	

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
19.	The owner or operator of a dry cleaning system shall inspect the components listed below for **vapor** leaks monthly while the component is in operation: (1) Hose and pipe connections, fittings, couplings, and valves; (2) Door gaskets and seatings; (3) Filter gaskets and seatings; (4) Pumps; (5) Solvent tanks and containers; (6) Water separators; (7) Muck cookers; (8) Stills; (9) Exhaust dampers; (10) Diverter valves; and (11) All filter housings. (Note: see Reference # 6, New Jersey State condition is more stringent) [40 CFR 63.322(o)(1)]	Other: Monitored by using a halogenated hydrocarbon detector or PCE gas analyzer that is operated according to the manufacturer's instructions. The operator shall place the probe inlet at the surface of each component interface where leakage could occur and move it slowly along the interface periphery. Any inspection conducted according to this paragraph shall satisfy the requirements to conduct an inspection for perceptible leaks under Ref # 18 in accordance with 40 CFR 63.322(k) (Note: see References # 6, New Jersey State condition is more stringent) [40 CFR 63.322(o)(1)(i)]	Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. The owner or operator of a dry cleaning facility shall maintain a log on site and show it upon request for a period of five (5) years, the following information: (1) The dates when the dry cleaning system components are inspected for leaks, as specified in 40 CFR 63.322(o)(1), and the name or location of dry cleaning components where leaks are detected; and (2) The dates of repair and records of written or verbal orders for repair parts to demonstrate compliance with 40 CFR 63.322(m) (Note: see Reference # 6, New Jersey State Condition is more stringent) [40 CFR 63.324(d)3] and [40 CFR 63.324(d)(4)]	Repair equipment: Upon occurrence of event. The owner or operator of a dry cleaning facility shall repair all vapor leaks detected during the inspection within 24 hours. If repair parts must be ordered, either a written or verbal order for those parts shall be initiated within two (2) working days of detecting such a leak. Such repair parts shall be installed within five (5) working days after receipt. (Note: see Reference # 6, New Jersey State Condition is more stringent) [40 CFR 63.322(m)]
20.	The owner or operator of each dry cleaning facility installed after December 21, 2005, shall measure the concentration of PCE in the dry cleaning equipment drum at the end of the dry cleaning cycle weekly with a colorimetric detector tube or PCE gas analyzer to determine that the PCE concentration is equal to or less than 300 parts per million by volume.	Other: Monitored by colorimetric detector tube or PCE gas analyzer each week during operation. The owner or operator shall: (1) Use a colorimetric detector tube or PCE gas analyzer designed to measure a concentration of 300 parts per million by volume of PCE in air to an accuracy of +/- 75 parts per million by volume; and	Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation. The owner or operator shall maintain a log of the dates of repairs and records of written or verbal orders for repairs parts to demonstrate compliance with 40 CFR 63.322(n). [40 CFR 63.324(d)]	Repair equipment: Upon occurrence of event. The owner or operator of a dry cleaning facility shall repair the dry cleaning equipment if the monitored results are above 300 ppm within 24 hours. If repair parts must be ordered, either a written or verbal order for such parts shall be initiated within two (2) working days of detecting such a parameter value. Such repair parts shall be installed within five (5)

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	[40 CFR 63.323(c)]	(2) Use the colorimetric detector tube or PCE gas analyze according to the manufacturer's instructions; and (3) Conduct the weekly monitoring by inserting the colorimetric detector tube or PCE gas analyzer into the open space above the articles at the rear of the dry cleaning equipment drum immediately upon opening the dry cleaning machine door. [40 CFR 63.323(c)]		working days after receipt. [40 CFR 63.322(n)]
21.	The owner or operator shall determine yearly perchloroethylene consumption for the purpose of determining applicability with 40 CFR 63.320. [40 CFR 63.323(d)]	Monitored by calculations each month during operation. The owner or operator shall calculate the yearly consumption on the first day of every month by summing the volume of all perchloroethylene purchases made in each of the previous 12 months (use a consumption of zero for months in which there were no perchloroethylene purchases). [40 CFR 63.323(d)]	Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. The owner or operator shall maintain the following information: (1) Receipts of perchloroethylene purchases; (2) The volume of perchloroethylene purchased; and (3) The calculation and result of the yearly perchloroethylene consumption determination. [40 CFR 63.324(d)]	Submit a report: Once initially. The owner or operator of a dry cleaning facility shall submit by registered mail on or before July 27, 2008, a notification of compliance status signed by a responsible official who shall certify its accuracy to: USEPA Region 2 Attention: Chief of Air Compliance Branch 290 Broadway NY, NY 10007-1866 and New Jersey Department of Environmental Protection Bureau of Air Quality Evaluation Attention: Bureau Chief P.O. Box 027 401 East State Street Trenton, NJ 08625-0027 The notification shall contain: (1) The name and address of the owner or operator; (2) The address (that is, physical location) of the dry cleaning facility; (3) If they are

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				located in a building with a residence(s), even if the residence is vacant at the time of this notification; (4) If they are located in a building with no other tenants, leased space, or owner occupants; (5) Whether they are a major or area source; (6) The yearly PCE solvent consumption based upon the yearly solvent consumption calculated according to 40 CFR 63.323(d); (7) Whether or not they are in compliance with each applicable requirement of 40 CFR 63.322; and (8) All information contained in the statement is accurate and true. [40 CFR 63.324(f)]

Ref. #	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
22.	The owner or operator shall retain a copy of the design specifications and the operating manuals for each dry cleaning system and each control device located at the facility. [40 CFR 63.324(e)]	None	Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. The owner or operator shall maintain the documents on site, available for inspection. [40 CFR 63.324(e)]	None