

**New York State Department of Environmental Conservation  
AIR FACILITY REGISTRATION APPLICATION INSTRUCTIONS  
Dry Cleaners using Perchloroethylene and/or Approved Alternative Solvents**

The following are instructions for completing an Air Facility Registration Application for perchloroethylene and alternative solvent dry cleaners (Form AFR-232) according to the requirements set forth in 6 NYCRR Part 201-4. Applications should be submitted to the Regional Air Pollution Control Engineer serving the county in which the facility is located. Mailing addresses may be found on page 2 of the application. Dry cleaning facilities that use only water-based cleaning and/or liquid carbon dioxide are exempt from all air permitting requirements if there are no other applicable sources at the facility.

**RESTRICTIONS:** Any dry cleaning facility with a total perchloroethylene usage that exceeds 1050 gallons/year cannot use this Air Facility Registration Application form and must apply for an Air State Facility or Title V Permit.

**DEC ID:** For existing dry cleaners that are not relocating, enter the DEC ID from the current Air Facility Registration. All other facilities should leave this field blank.

**TAXPAYER ID:** Enter the business Taxpayer ID number (**do not enter your personal Social Security number**).

**Box Number(s)**

**1 - 6 OWNER INFORMATION:** Enter the name of the facility owner for which this application is being prepared in Box 1. For an individual owner, list the full name (last, middle initial, first). In Boxes 2, 3, 4, 5 and 6, enter the mailing address of the owner. Enter the COUNTRY if foreign owned in Box 5 (otherwise leave blank) and the appropriate ZIP/MAIL Code (ZIP code + extension may also be entered) in Box 6. For multiple party ownership where no legal business partnership exists, provide the name and mailing address, if different, of each individual owner using a slash (/) to separate data for each owner. For corporations, include any division or subsidiary names.

**7- 9a-c FACILITY OWNER/MANAGER INFORMATION:** List the name, telephone and fax number, and email address of the person responsible for the operation and regulatory compliance of the dry cleaning facility (Owner/Manager) in Boxes 7 and 9a-c. If the dry cleaner uses perchloroethylene as a solvent, the owner/manager must possess an Owner/Manager Certificate and the Certificate number must be recorded in Box 8 of the application form.

**10 - 14 FACILITY INFORMATION:** Enter the facility name and physical location address (e.g., Acme Rd. or Building 3, XYZ Industrial Park) of the dry cleaning facility in Boxes 10 and 11. Enter the name of the City or Town, State and ZIP Code for the primary jurisdiction of the facility in Boxes 12, 13 and 14. For instances where a facility is located in multiple jurisdictions (i.e., across city, town, or county lines) list all jurisdictions using a slash (/) to separate data for each location, with the primary jurisdiction listed first.

**15a,b,c BUILDING INFORMATION:** For Control Systems (15a), check the appropriate boxes to indicate that a Vapor Barrier and/or General Exhaust Ventilation System has been installed at the facility. For Building Type (15b), check Stand-Alone or Mixed-Use. A mixed-use facility shares a common wall, floor, or ceiling with a residence or another business (e.g., coin-operated Laundromat); a stand-alone does not. For Mixed-Use facilities (15c), check each appropriate box that describes the other types of tenants that occupy the building with the dry cleaning facility.

**DRY CLEANING MACHINES (Boxes 16 - 25):** Enter the Machine Manufacturer, Model Number, Serial Number, Capacity (lbs), Year Manufactured, Solvent Code, Solvent usage (Gallons/year), Spill Pan installed (Y/N), and Equipment Code for each machine that uses perchloroethylene or an alternative as the primary solvent. If your facility has more than 3 dry cleaning machines, use additional form(s) to describe the equipment. Do not report information for dry cleaning equipment using only water-based cleaning and/or liquid carbon dioxide primary solvent as they are exempt from air permitting requirements.

NOTE: Box numbers listed in this section (Boxes 16 - 25) includes a supplemental letter (e.g., 21a, 21b, etc.) on the application form. These supplemental letters keep information separate for each machine. To find instructions for Boxes numbered 21a, 21b and 21c on the application form, refer to the instructions listed for Box 21 below:

**16 - 20 NAMEPLATE INFORMATION:** Enter the Machine Manufacturer (Box 16), Model Number (Box 17), Serial Number (Box 18), Capacity (lbs., Box 19) and Year Manufactured (Box 20) in the appropriate box on the Air Facility Registration Application form. This information is typically found on the nameplate on the back of the machine.

**21 INSTALLATION DATE:** Enter the installation date for each piece of dry cleaning equipment in Box 21.

**22 SOLVENT TYPE:** In Box 22, enter the primary solvent type from those listed below (letters A–J; Z) for the dry cleaning equipment identified. If the primary solvent is not listed, enter “Z” in Box 22 and write in the name of the solvent in Box 26.

A.	Perchloroethylene (Perc); CAS 127-18-4 chlorinated hydrocarbon	G.	RR Street Solvair; CAS 29911-28-2 Dipropylene Glycol n-Butyl Ether <sup>2</sup>
B.	GreenEarth SB-32; CAS 541-02-6 decamethylcyclopentasiloxane, by Gen Elec	H.	SolvonK4; CAS 2568-90-3 dibutoxymethane, Kreussler
C.	ExxonMobil DF-2000 <sup>TM</sup> <sup>1</sup> ; CAS 64742-48-9 synthetic hydrocarbon	I.	Green Earth (GEC-5); CAS 541-02-6 decamethylcyclopentasiloxane, by Shin-Etsu
D.	Chevron Phillips EcoSolv <sup>®</sup> <sup>1</sup> ; CAS 68551-17-7 highly refined hydrocarbon	J.	DC-142 <sup>1</sup> ; CAS 64742-88-7 aliphatic hydrocarbon, by Essential Solvents
E.	Rynex 3 <sup>TM</sup> ; CAS 132739-31-2 dipropylene glycol tert-butyl ether		
F.	Sasol LPA-142 <sup>1</sup> ; CAS 64742-47-8 highly refined hydrocarbon	Z.	Other unlisted primary solvent

<sup>1</sup> All petroleum solvents (e.g., DF-2000, EcoSolv & Sasol LPA-142 & DC-142) may be subject to the New Source Performance Standard (NSPS) for petroleum dry cleaners if the manufacturer’s rated dryer capacity is equal to or greater than 84 pounds from all machines combined. Petroleum machines installed between 12/14/82 and 9/21/84 are exempt from the NSPS if the annual facility usage is less than 4,700 gallons per year.

<sup>2</sup> The Solvair<sup>TM</sup> dry-cleaning system uses both nPGnBE and carbon dioxide (exempt) as dry cleaning solvents and has been approved for Air Facility Registration.

**23 SOLVENT GAL/YR:** For existing facilities that have only one dry cleaning machine, report in Box 23 (Solvent Gal/Yr), the actual amount of solvent used in the machine during the previous 12 months. Where an existing facility has more than one machine, record or estimate the amount of solvent used in each machine based upon the facility’s previous 12 month total. For new machines and machines less than 12 months old, estimate the quantity of solvent that will be used in the machine during the next 12 months.

**24 SPILL PAN (Y/N):** Answer Yes or No (Y/N) in Box 24 to indicate if a spill pan was installed.

**25 MACHINE TYPE:** Choose a machine type from those listed below (letters A–D; N-Q; Z) and enter the letter in Box 25. If the machine is not listed, enter type “Z” and also a description in Box 27. If you have more than 3 dry cleaning machines, use additional copies of this form to describe all the dry cleaning equipment. Do not list transfer washing machines using alternative solvents on the application form; list only transfer drying machines that are using alternative solvents (Types N or O).

**Table on following page**

Machine Type code	Machine description
Perchloroethylene Dry Cleaning Machines:	
A	3 <sup>rd</sup> Generation Perchloroethylene Dry Cleaning Machine with a Door Fan
B	3 <sup>rd</sup> Generation Perchloroethylene Dry Cleaning Machine that has been converted to a 4 <sup>th</sup> Generation machine with an added Integral Carbon Adsorber
C	4 <sup>th</sup> Generation Perchloroethylene Dry Cleaning Machine
D	DEC Certified 4 <sup>th</sup> Generation Perchloroethylene Dry Cleaning Machine Refer to NYSDEC website for list of DEC Certified 4th Generation Perchloroethylene dry cleaning machines: <a href="http://www.dec.ny.gov/chemical/8943.html">http://www.dec.ny.gov/chemical/8943.html</a>
Alternative Solvent Dry Cleaning Machines:	
N	Uncontrolled Alternative Solvent Transfer Machine Dryer
O	Alternative Solvent Transfer Machine Dryer that is controlled with Refrigerated Condenser
P	Closed Loop Alternative Solvent Dry Cleaning Machine that has a Refrigerated Condenser
Q	Closed Loop Alternative Solvent Dry Cleaning Machine that has a Refrigerated Condenser and Integral Carbon Adsorber
Other Dry Cleaning Machines:	
Z	Other unlisted Dry Cleaning Machine

- 26 OTHER SOLVENT(S):** Write in the names of all the unlisted primary dry cleaning solvents given a Solvent Type "Z" in Box 22a, 22b or 22c. Do not report in Box 26 any solvents used for dry-side pre-cleaning or used as spotting agents.
- 27 OTHER MACHINE(S):** Write in a description of all the unlisted dry cleaning machines that were given a Machine Type "Z" in Box 25a, 25b or 25c. Do not describe any alternative solvent transfer washing machines.

**CERTIFICATION:** Enter the name, official title, signature and date of signature of the responsible official accountable for the compliance of this facility with the applicable regulations. Certification is required by a representative of the firm or applicant responsible for demonstrating the truth, accuracy and completeness of the information contained in this application. The responsible official should be aware that significant penalties could result from submitting false information, including the possibility of fines and imprisonment for knowing violations.