

**GENERAL
AIR CONTAMINANT DISCHARGE PERMIT**

Department of Environmental Quality
Air Quality Division
811 SW Sixth Avenue
Portland, OR 97204-1390
Telephone: (503) 229-5359

This permit is issued on March 1, 2010 in accordance with the provisions of ORS 468A.040 and OAR 340-216-0060 for the following source category:

Dry cleaners using perchloroethylene subject to 40 CFR part 63 subpart M as adopted under OAR 340-244-0220, SIC 7216.

TABLE OF CONTENTS

1.0	PERMIT ASSIGNMENT	2
2.0	GENERAL EMISSION STANDARDS AND LIMITS	2
3.0	OPERATION AND MAINTENANCE REQUIREMENTS	2
4.0	COMPLIANCE DEMONSTRATION	4
5.0	RECORDKEEPING REQUIREMENTS	5
6.0	REPORTING REQUIREMENTS	5
7.0	ADMINISTRATIVE REQUIREMENTS	6
8.0	FEES	7
9.0	GENERAL CONDITIONS AND DISCLAIMERS	8
10.0	ABBREVIATIONS, ACRONYMS, AND DEFINITIONS	9

1.0 PERMIT ASSIGNMENT

- 1.1 Qualifications** All of the following conditions must be met in order to qualify for assignment to this permit:
- a. The permittee is performing perchloroethylene dry cleaning as listed on the cover page of this permit, including supporting activities.
 - b. A Simple or Standard ACDP is not required for the source.
 - c. The source is not having ongoing, recurring or serious compliance problems.
- 1.2 Assignment** DEQ will assign qualifying permittees to this permit that have and maintain a good record of compliance with DEQ's Air Quality regulations and that DEQ determines would be appropriately regulated by a General ACDP. DEQ may rescind assignment if the permittee no longer meets the requirements of OAR 340-216-0060 and the conditions of this permit.
- 1.3 Permitted Activities** This permit allows the permittee to discharge air contaminants from processes and activities related to the air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded. If there are other emissions activities occurring at the site besides those listed on the cover page of this permit, the permittee may be required to obtain a Standard or Simple ACDP or a General ACDP Attachment, if applicable.

2.0 GENERAL EMISSION STANDARDS AND LIMITS

- 2.1 Nuisance and Odors** The permittee must not cause or allow air contaminants from any source to cause a nuisance, as defined in OAR 340-208-0010. Nuisance conditions will be verified by DEQ personnel.

3.0 OPERATION AND MAINTENANCE REQUIREMENTS

- 3.1 Work practices**
- a. The permittee must operate and maintain the dry cleaning system according to the manufacturers' specifications and recommendations.
 - b. The permittee must close the door of each dry cleaning machine immediately after transferring articles to or from the machine, and must keep the door closed at all other times.

- c. The permittee must drain all cartridge filters in their housing or other sealed container, for a minimum of 24 hours, or must treat such filters in an equivalent manner, before removal from the dry cleaning facility.
- d. The permittee must store all perchloroethylene and wastes that contain perchloroethylene in solvent tanks or solvent containers with no perceptible leaks. Containers for separator water must be covered except to empty the container.

3.2 Refrigerated condenser

The permittee must route the air-perchloroethylene stream contained within each dry cleaning machine through a refrigerated condenser or an equivalent control device.

- a. The refrigerated condenser must be operated to not vent or release the air-perchloroethylene stream contained within the dry cleaning machine to the atmosphere while the dry cleaning machine drum is rotating.
- b. The refrigerated condenser must prevent air drawn into the dry cleaning machine when the door of the machine is open from passing through the refrigerated condenser.

3.3 Carbon adsorber

For each dry cleaning system purchased after December 21, 2005, the permittee must route the air-perchloroethylene stream from inside the dry cleaning machine drum through a non-vented carbon adsorber or equivalent control device immediately before the door of the dry cleaning machine is opened. The carbon adsorber must be desorbed in accordance with manufacturer's instructions.

3.4 Leak detection

The permittee must inspect the following components weekly for vapor leaks while the dry cleaning system is operating and using a halogenated hydrocarbon detector or PCE gas analyzer that is operated according to the manufacturer's instructions. The operator must place the probe inlet at the surface of each component interface where leakage could occur and move it slowly along the interface surface.

- a. Hose and pipe connections, fittings, couplings, and valves;
- b. Door gaskets and seatings;
- c. Filter gaskets and seatings;
- d. Pumps;
- e. Solvent tanks and containers;
- f. Water separators;
- g. Muck cookers;
- h. Stills;
- i. Exhaust dampers;

- j. Diverter valves; and
 - k. All filter housings.
- 3.5 Leak repair** The permittee must repair all leaks within 24 hours of detection. If repair parts must be ordered, either a written or a verbal order for those parts must be initiated within two working days of detecting such a leak. Such repair parts must be installed within five working days after receipt.
- 3.6 Equipment repair** If the refrigerated system high pressure and low pressure are not in the range specified in the manufacturer's operating instructions or the outlet temperature does not meet the values specified in Condition 4.1b.iii, adjustments or repairs must be made to the dry cleaning system or refrigerated condenser to meet those values. If repair parts must be ordered, either a written or verbal order for such parts must be initiated within two working days of detecting such a parameter value. Such repair parts must be installed within five working days after receipt.

4.0 COMPLIANCE DEMONSTRATION

- 4.1 Refrigerated condenser temperature monitoring** The permittee must measure the parameters in either Condition 4.1a or 4.1b on a weekly basis:
- a. 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; or
 - b. The gas-vapor stream temperature on the outlet side of the refrigerated condenser using a temperature sensor.
 - i. The temperature must be measured before the end of the cool-down or drying cycle and while the gas-vapor steam is flowing through the condenser.
 - ii. The temperature sensor must be used according to the manufacturer's instructions and must be designed to measure a temperature of 7.2°C (45°F) to an accuracy of $\pm 1.1^\circ\text{C}$ ($\pm 2^\circ\text{F}$).
 - iii. The refrigerated condenser is operating correctly if the measured temperature is equal to or less than 7.2°C (45°F).

5.0 RECORDKEEPING REQUIREMENTS

- 5.1 Recordkeeping Logs** The permittee must keep the following records. The Oregon Dry Cleaner Compliance Calendar or other equivalent recordkeeping log may be used for this purpose.
- a. The dates when the dry cleaning system components are inspected for leaks, as specified in Conditions 3.4, and the name or location of dry cleaning system components where leaks are detected;
 - b. The dates of repair and records of written or verbal orders for repair parts to demonstrate compliance with Conditions 3.5 and 3.6;
 - c. The date and high pressure and low pressure results, if applicable, as specified in Condition 4.1a;
 - d. The date and temperature sensor monitoring results, if applicable, as specified in Condition 4.1b.
- 5.2 Complaint Log** The permittee must maintain a log of all written complaints and complaints received via telephone that specifically refer to air pollution concerns associated to the permitted facility. The log must include a record of the permittee's actions to investigate the validity of each complaint and a record of actions taken for complaint resolution.
- 5.3 Operating Manuals** The permittee must retain onsite a copy of the design specifications and the operating manuals for each dry cleaning system and each emission control device located at the dry cleaning facility.
- 5.4 Retention of Records** Unless otherwise specified, all records must be maintained on site for a period of five years and made available to DEQ upon request.

6.0 REPORTING REQUIREMENTS

- 6.1 Annual Report** The permittee must submit to DEQ by **March 1** of each year this permit is in effect, the following information for the preceding calendar year:
- a. A copy of one-month of logs required in Condition 5.1;
 - b. Whether or not they are in compliance with each applicable requirement of this permit;
 - c. Whether all information contained in the statement is

accurate and true; and

- d. A summary of air quality related complaints received by the permittee.

6.2 Initial Startup Notice The permittee must notify DEQ in writing of the date a new facility is started up. The notification must be submitted no later than seven days after startup.

6.3 Notice of Change of Ownership or Company Name The permittee must notify DEQ in writing using a DEQ “Permit Application Form” within 60 days after the following:

- a. Legal change of the name of the company as registered with the Corporations Division of the State of Oregon; or
- b. Sale or exchange of the activity or facility.

6.4 Construction or Modification Notices The permittee must notify DEQ in writing using a DEQ “Change of Dry Cleaning Activity Form” and obtain approval in accordance with OAR 340-210-0205 through 340-210-0250 before:

- a. Constructing or installing a new dry cleaning system;
- b. Modifying or altering an existing dry cleaning system that may significantly affect air emissions;
- c. Making a physical change to a dry cleaning system which increases air emissions; or
- d. Changing the method of operation of a dry cleaning system.

7.0 ADMINISTRATIVE REQUIREMENTS

7.1 Reassignment to the General Permit A complete application for reassignment to this permit is due within 60 days after the permit is reissued. DEQ will notify the permittee when the permit is reissued. All applications should be directed to the Permit Coordinator for the area where the source is located. The Permit Coordinator addresses are as follows:

Counties	Permit Coordinator Address and Telephone
Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington	Department of Environmental Quality Northwest Region 2020 SW 4th Avenue, Suite 400 Portland, OR 97201-4987 Telephone: (503) 229-5582

Benton, Coos, Curry, Douglas, Jackson, Josephine, Lincoln, Linn, Marion, Polk, and Yamhill	Department of Environmental Quality Western Region 750 Front Street NE, Suite 120 Salem, OR 97301-1039 Telephone: (503) 378-5305
Baker, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco, Wheeler	Department of Environmental Quality Eastern Region 475 NE Bellevue, Suite 110 Bend, OR 97701 Telephone: (541) 388-6146 ext. 223

- a. If DEQ is delinquent in renewing the permit, the existing permit remains in effect and the permittee must comply with the conditions of the permit until the permit is reissued and the source is reassigned to the permit.
- b. If a complete application for reassignment to the general permit is filed with DEQ in a timely manner, the permit will not be deemed to expire until final action has been taken on the application.

7.2 Reporting

All reports and notices should be sent to DEQ’s Dry Cleaner Program. The address of DEQ’s Dry Cleaner Program is:
 Department of Environmental Quality
 Dry Cleaning Program
 811 SW Sixth Ave
 Portland, OR 97124
 Telephone: (503) 229-6783

7.3 DEQ Contacts

Information about air quality permits and DEQ’s regulations may be obtained from the DEQ web page at www.oregon.gov/deq. All inquiries about this permit and DEQ’s regulations should be directed to DEQ’s Dry Cleaner Program.

8.0 FEES

8.1 Annual Compliance Fee

The Annual Fee in OAR 340-216-0020, Table 2, Part 2 for a General ACDP, Fee Class Six, is due on **March 1** of each year this permit is in effect. An invoice indicating the amount will be mailed prior to March 1.

8.2 Change of Ownership or Company Name Fee

The non-technical permit modification fee specified in OAR 340-216-0090, Table 2, Part 3(a) is due with an application for changing the ownership or the name of the company of a source assigned to this permit.

8.3 Where to Submit Fees

Fees must be submitted to:
 Department of Environmental Quality
 Business Office

811 SW Sixth Avenue
Portland, Oregon 97204-1390

9.0 GENERAL CONDITIONS AND DISCLAIMERS

- 9.1 Other Regulations** In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by DEQ.
- 9.2 Conflicting Conditions** In any instance in which there is an apparent conflict relative to conditions in this permit, the most stringent conditions apply.
- 9.3 Masking of Emissions** The permittee must not cause or permit the installation of any device or use any means designed to mask the emissions of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement.
- 9.4 DEQ Access** The permittee must allow DEQ's representatives access to the plant site and pertinent records at all reasonable times for the purposes of performing inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emissions discharge records and conducting all necessary functions related to this permit in accordance with ORS 468-095.
- 9.5 Permit Availability** The permittee must have a copy of the permit available at the facility at all times.
- 9.6 Open Burning** The permittee may not conduct any open burning except as allowed by OAR 340 Division 264.
- 9.7 Asbestos** The permittee must comply with the asbestos abatement requirements in OAR 340, Division 248 for all activities involving asbestos-containing materials, including, but not limit to, demolition, renovation, repair, construction, and maintenance.
- 9.8 Property Rights** The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
- 9.9 Termination, Revocation, or Modification** The Commission may modify or revoke this permit pursuant to OAR 340-216-0060(3) and (4).

10.0 ABBREVIATIONS, ACRONYMS, AND DEFINITIONS

ACDP	Air Contaminant Discharge Permit		defined by OAR 340-244-0040
calendar year	The 12-month period beginning January 1st and ending December 31st	NESHAP	National Emissions Standards for Hazardous Air Pollutants
CFR	Code of Federal Regulations	OAR	Oregon Administrative Rules
Date	mm/dd/yy	ORS	Oregon Revised Statutes
DEQ	Oregon Department of Environmental Quality	SIC	Standard Industrial Code
EPA	US Environmental Protection Agency	year	A period consisting of any 12-consecutive calendar months
HAP	Hazardous Air Pollutant as		

jce: 3/01/10
AQGP-006 dry cleaners.docx