

Department of Environmental Quality
Air Quality Program

GENERAL
AIR CONTAMINANT DISCHARGE PERMIT
ASSESSMENT REPORT

PERCHLOROETHYLENE DRY CLEANERS

SOURCE DESCRIPTION AND QUALIFICATION

1. This General Permit is designed to regulate air contaminant emissions from perchloroethylene dry cleaners.
2. Facilities eligible for assignment to this permit have not experienced recurring or serious compliance problems.
3. If this General Permit does not cover all requirements applicable to the facility, the other applicable requirements must be covered by assignment to one or more General Permit Attachments in accordance with OAR 340-216-0062; otherwise the facility must obtain a Simple or Standard Permit.
4. A facility requesting to be assigned to a General Permit Attachment, in accordance with OAR 340-216-0062, for a source category in a higher annual fee class, must be reassigned to the General Permit for the source category in the higher annual fee class.

ASSESSMENT OF EMISSIONS

5. Facilities assigned to this General Permit are sources of perchloroethylene emissions.
6. DEQ has assessed the level of emissions of all air pollutants from these facilities and determined that facilities complying with the operational limits and monitoring requirements of this permit have emission levels below the established levels of concern stated in Tables 2 and 3 of OAR 340-200-0020.

SPECIFIC AIR PROGRAM APPLICABILITY

7. Facilities assigned to this General Permit are subject to the general nuisance requirements (control of fugitive dust and odors) in OAR Chapter 340, Division 208. The permit contains requirements and limitations to ensure compliance with these standards. The visible emissions standards in OAR Chapter 340, Division 208 are applicable to these facilities but they do not typically cause visible emissions so the standards have not been

included in the permit. The particulate matter emission limits in OAR Chapter 340, Division 226 are not applicable to these facilities because the emissions, if any, are fugitives, which cannot be measured using standard test methods.

8. This permit incorporates the National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations in 40 CFR Part 63, Subpart M, for dry cleaners using perchloroethylene. EPA promulgated the NESHAP on September 22, 1993, and several amendments and/or corrections since initial promulgation. The NESHAP, including amendments and corrections through July 1, 2009, were adopted as state rules in OAR 340-244-0510. The following table lists the permit conditions that implement 40 CFR part 63 subpart M.

40 CFR		Permit	
63.320		N/A	Applicability and compliance deadlines
63.321		N/A	Definitions
63.322	a	3.2	MACT/GACT standards for older dry cleaning machines
	b	3.2	MACT/GACT standards for newer dry cleaning machines
	c	3.1b	Machine door requirements
	d	3.1a	Operation and maintenance requirements
	e	3.2	Refrigerated condenser requirements (for dry-to-dry machine)
	f	N/A ¹	Refrigerated condenser requirements (for transfer machines)
	g	N/A ²	Carbon adsorber requirements
	h	N/A ¹	Room enclosure standards (for transfer machines)
	i	3.1c	Draining of cartridge filters
	j	3.1d	Storage of perchloroethylene and wastes
	k	3.4	Weekly perceptible leak inspections
	l	N/A ³	Biweekly perceptible leak inspections
	m	3.4	Leak repairs
	n	3.6	System/control device repairs
	o	3.3,3.4	Residual risk standards
63.323		4.1	Refrigerated condenser monitoring
		N/A ²	Carbon adsorber monitoring
		N/A ²	Carbon adsorber monitoring
		N/A ³	Perchloroethylene consumption calculations
63.324	a	N/A ⁴	Initial notification
	b	N/A ⁴	Notification of compliance status for MACT/GACT standards
	c	N/A ³	Notification of compliance status for solvent consumption exceedance
	d	5.1	Recordkeeping: leak detection and repair program, condenser monitoring

¹ Transfer machines banned in Oregon.

² Refrigerated condensers required in Oregon

³ OAR 340-244-0220(3) overrides exemptions based on solvent consumption.

⁴ Required to be submitted prior to permit assignment.

	e	5.2	Recordkeeping: design specifications and operating manuals
	f	N/A ⁴	Notification of compliance status for residual risk standards
63.325		N/A	Determination of equivalent emission control technology
63.326		N/A	Implementation/enforcement authority

COMPLIANCE ASSURANCE

9. Permittees are required to maintain records of operation and management practices and complaints received at the facility. Permittees are also required to submit an annual compliance report to DEQ.
10. DEQ staff members perform site inspections of the permitted facilities on a routine basis, and more frequently if complaints are received.

REVOCAION OF ASSIGNMENT

11. Any facility that fails to demonstrate compliance, generates complaints, or fails to conform to the requirements and limitations contained in the permit may have its assignment to the General Permit revoked. The facility would then be subject to a higher, more stringent level of permitting.

PUBLIC NOTICE

12. General Air Contaminant Discharge Permits are part of the State Implementation Plan. As part of the issuance process, the public will be provided at least 30 days to submit written comments. DEQ will review any comments and issue the permit in response to the comments.

AQGP-006r, dry cleaners
12/29/09