

**REGULATION 2
PERMITS
RULE 1
GENERAL REQUIREMENTS**

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(Adopted January 1, 1980)

2-1-113 Exemption, Sources and Operations:

...
113.2 The following sources and operations are exempt from the requirements of Sections 2-1-301 and 302:

...
2.6 Portable abatement equipment exclusively used to comply with the tank degassing control requirements of Regulation 8, Rule 5 and/or Regulation 8, Rule 40.

...

2-1-128 Exemption, Miscellaneous Equipment: The following equipment is exempt from the requirements of Sections 2-1-301 and 302, provided that the source does not require permitting pursuant to Section 2-1-319.

...
128.21 Modification, replacement, or addition of fugitive components (valves, flanges, pumps, compressors, relief valves, process drains) at existing permitted process units at petroleum refineries, chemical plants, bulk terminals or bulk plants, provided that the cumulative emissions from all additional components installed at a given process unit during any consecutive twelve month period do not exceed the Best Available Control Technology trigger level in Reg. 2-2-301, and that the components meet applicable requirements of Regulation 8 rules.

...

2-1-233 Alter: To make any physical change to, or change in the method of operation of, a source, which may affect emissions. Such changes require a permit to operate, and may require permit conditions, whether or not the alteration results in an emission increase. A change in process stream composition is not an alteration if the source's description in the permit and permit conditions allow for the change in process stream composition, and the change does not increase emissions. The following activities are specifically identified as "alterations."

- 233.1 Replacement of burners with non-identical burners.
- 233.2 Maintenance of glass furnaces involving component replacement, unless all replacements are with identical components.
- 233.3 Expansion of the physical boundaries of a semiconductor fabrication area.

(Adopted May 17, 2000)

2-1-234 Modified Source: Any existing source which undergoes a physical change, change in the method of operation of, increase in throughput or production, or addition which results or may result in any of the following:

- 234.1 An increase of either the daily or annual emission level of any regulated air pollutant, or an increase in the production rate or capacity that is used to estimate the emission level, that exceeds emission or production levels approved by the District in any authority to construct.
- 234.2 An increase of either the daily or annual emission level of any regulated air pollutant, or the production rate or capacity that is used to estimate the emission level, above levels contained in a permit condition in any current permit to operate or major facility review permit.
- 234.3 For sources which have never been issued a District authority to construct, and which do not have conditions limiting daily or annual emissions, an increase of either daily or annual emission level of any regulated air pollutant,

or the production rate or capacity that is used to estimate the emission level, above the lowest of the following:

3.1 The highest of the following:

3.1.1 The highest attainable design capacity, as shown in pre-construction design drawings, including process design drawings and vendor specifications.

3.1.2 The capacity listed in the District Permit to operate.

3.1.3 The highest documented actual levels attained by the source prior to March 1, 2000.

3.2 The capacity of the source, as limited by the capacity of any upstream or downstream process that acts as a bottleneck (a grandfathered source with an emission increase due to debottlenecking is considered to be modified).

For the purposes of applying Section 234.3, only increases in annual emission levels shall be considered for storage vessels.

234.4 The emission of any regulated air pollutant not previously emitted in a quantity which would cause the source to fail an air toxic screening analysis performed in accordance with the current Air Toxic Risk Screening Procedure.

For the purposes of applying this definition, an hourly limit or capacity may be converted to a daily limit or capacity by multiplication by 24 hours/day; a daily capacity may be converted to an annual capacity or limit by multiplication by 365 days/year.

(Adopted May 17, 2000)

2-1-302 Permit to Operate: Before any person, as described in Section 2-1-401, uses or operates any article, machine, equipment or other contrivance, the use of which may cause, reduce or control the emission of air contaminants, such person shall first secure written authorization from the APCO in the form of a permit to operate.

302.1 Permit to Operate, MFR: Any facility subject to the requirements of Regulation 2-6, Major Facility Review, shall comply with the permitting requirements included herein in addition to securing a permit to operate under this rule.

302.2 Permit to Operate, Accelerated Permitting Program: Installation and operation of a new or modified source or abatement device, which qualifies for the Accelerated Permitting Program under Section 2-1-106, may commence immediately following the submittal of a complete permit application. A temporary Permit to Operate will be issued as soon as the APCO determines that the application is complete. Action shall be taken on the application within 35 working days of receipt of a complete application, in accordance with Section 2-1-408, provided that the applicable offset provisions of Regulation 2, Rule 2, Sections 302 and 303 are satisfied. During periods that the source is operating without a Permit to Operate, the operator shall keep records sufficient to demonstrate that emissions do not exceed qualifying levels for the Accelerated Permitting Program.

302.3 Permit to Operate, Temporary Operation: A temporary permit may be obtained to allow an operator to test equipment, processes, or new formulations. A temporary permit may also be obtained for a temporary source which replaces critical equipment during scheduled maintenance. The APCO may issue a non-renewable temporary Permit to Operate a temporary operation at any source, subject to the following:

3.1 The proposed operation will comply with all requirements of Regulation 1 and Regulations 5 through 12.

3.2 The permit shall expire 3 months after issuance.

3.3 The operator shall provide offsets, at a ratio of 1.15 to 1, for all increased emissions of NO_x, POC, and PM₁₀ resulting from the use of the temporary permit.

3.4 The operator shall certify that the temporary operation is for one of the following purposes:

4.1 Equipment testing

4.2 Process testing, including new formulations

4.3 Temporary replacement of an existing permitted source with an identical or functionally equivalent source

(Amended 11/3/93; 6/7/95; 10/7/98)

2-1-405 Posting of Permit to Operate: A copy of the permit to operate, including all relevant permit conditions, shall be accessible to personnel who operate posted on or near the equipment for which the permit has been issued in such manner as to be clearly visible and accessible at all times, or these documents shall be included on site in the operator's manual, or shall be accessible to the operators electronically.

(Amended May 17, 2000)

**Table 2-1-316
Toxic Air Contaminant Trigger Levels**

Compound	CAS Number	Trigger Level (lb/year)
...		
Chloroprene	126998	1.5E+03 <u>1.9E+03</u>
...		
Diaminoanisole, 2,4-	96128	2.9E-04 <u>2.9E+01</u>
...		
Dimethylamine	124403	3.9E+02 <u>3.8+02</u>
...		
Ethyl benzene	100414	1.9E+05
...		