

## **APPENDIX E**

### **REQUIREMENTS FOR CLASSES OF FACILITIES EMITTING LESS THAN 10 TONS PER YEAR OF CRITERIA POLLUTANTS**



## APPENDIX E

### Requirements for Classes of Facilities Emitting Less Than 10 Tons Per Year of Criteria Pollutants

#### NOTES TO APPENDIX E

- (1) **General Exclusions:** Individual facilities meeting the following conditions are excluded from the requirements in Appendix E. Any individual facility for which, in the judgment of the district, a health-conservative, preliminary assessment of the facility's emissions indicates that the facility's emissions would result in a prioritization score, risk level, or *de minimis* level which would qualify as a "low level" facility for reporting purposes in accordance with the criteria specified in section IV.A. of this regulation, is excluded from Appendix E.

The district may base the preliminary emission assessment on approximate facility-total emission estimates for the facility, provided that the estimates account for all listed substances emitted from the facility and represent a health-conservative characterization of the facility and its operations and emissions.

- (2) **Additional Exclusions and Conditions:**

- a [ *Advisory note to districts:* Some SIC codes which may contain facilities of this type include: 33xx, 34xx, 35xx, 36xx, 37xx, 76xx, where "x" represents any valid digit for an SIC code. However, a facility in these SIC codes is not subject to the requirements for Appendix E facilities unless the facility is subject to section II.E.(1) or II.E.(2) and the facility's activities are also included in the described Appendix E class activity.]
- b Facilities using less than four pounds of ethylene oxide per year are excluded. Also excluded are facilities which are hospital or veterinary clinics in compliance with the control requirements specified in the Ethylene Oxide Control Measure for Sterilizers and Aerators, section 93108 of title 17, California Code of Regulations, and that have an annual usage of ethylene oxide of less than 100 pounds per year if the facility is housed in a single story building, or have an annual usage of ethylene oxide of less than 600 pounds per year if the facility is housed in a multi-story building.
- c Facilities using solvents for cold cleaning and vapor degreasing in the following quantities are excluded:
- (1) less than 55-gallon (drum) quantities per year of a listed substance designated as a human carcinogen or potential human carcinogen; and
  - (2) less than 55-gallon (drum) quantities per month of a listed substance not designated as a human carcinogen or potential human carcinogen.

## NOTES TO APPENDIX E (continued)

- d** Any facility that is a crematorium for humans, animals, or pets or uses an incinerator to burn biomedical waste (animals), if the facility uses only propane or natural gas as fuel, and the facility annually cremates no more than 300 human bodies or 43,200 pounds of remains (human or animal) is excluded. Facilities using incinerators that burn biomedical waste other than cremating animals do not qualify for this exclusion.
- e** This class applies to any facility at which asbestos removal occurs on a routine and predictable basis for a period of at least one year.
- f** Any treatment, storage, disposal, and recycling facility (as defined by "hazardous waste facility" in Health and Safety Code, section 25117.1 and in title 22, California Code of Regulations (CCR), section 66096) except:
- (1) transfer stations (as defined in title 22, CCR, section 66212) that do not pump or package hazardous waste; and
  - (2) storage facilities (as defined in Health and Safety Code, section 25123.3) that store only containerized waste.
- g** [*Advisory note to districts:* Some SIC codes which may contain facilities of this type include: 249x, 339x, 341x, 356x, 376x, 382x, 383x, 386x, 422x, 571x, 769x, 87xx, where "x" represents any valid digit for an SIC code. However, a facility in these SIC codes is not subject to the requirements for Appendix E facilities unless the facility is subject to section II.E.(1) or II.E.(2) and the facility activities also include the described Appendix E class activity.]
- h** Only the described portions of the SIC are included, except for thermal spraying which could fall under 'Any SIC'.
- i** [ ] Indicates an SIC formerly used by the Executive Office of the President, Office of Management and Budget, which has been reassigned by OMB, but may still be in use by some facilities.
- j** Facilities using an annualized average of two gallons per day or less (or 17 pounds per day or less) of all graphic arts materials (deducting the amount of any water or acetone) are excluded.
- k** Facilities using 20 gallons per year or less of coatings, or performing all coating operations using hand held nonrefillable aerosol cans only are excluded.
- l** Facilities which do not have a sludge incinerator and whose maximum facility throughput does not exceed 10,000,000 gallons per day are excluded.

**APPENDIX E**  
**Classes of Facilities Emitting Less Than 10 Tons Per Year of**  
**Criteria Pollutants for Which the Facility Operators Must**  
**Prepare Complete Emission Inventory Plans and Reports** <sup>(1), (2)</sup>

(1) See the General Exclusion for "low level" facilities in the preceding Notes.

(2) See the Additional Exclusions and Conditions in the preceding Notes, wherever superscripts appear.

Standard Industrial  
Classification  
Code (SIC)

Description of Class

Any SIC	Metal platers using cadmium or chromium <sup>a</sup> .
Any SIC	Facilities using ethylene oxide for sterilization <sup>b</sup> .
Any SIC	Facilities with cooling towers using hexavalent chromium.
Any SIC	Facilities that perform degreasing <sup>c</sup> .
Any SIC	Facilities using incinerators that burn hazardous, municipal, or biomedical waste (including animal crematoria), or burning tires <sup>d</sup> .
Any SIC	Long term asbestos removal (over one year) <sup>e</sup> .
Any SIC	Treatment, storage, disposal, and recycling facilities (TSDFs; TSDR facilities) <sup>f</sup> .
Any SIC	Facilities using 1,4-Dioxane where emissions exceed 85 pounds per year of 1,4-Dioxane <sup>g</sup> .
Any SIC	Facilities where combustion of crude, residual, distillate, or diesel oil occurs in excess of 3,000 gallons per year total at the facility, or the facility operates any number of diesel engines for more than 20 hours per year combined total at the facility.
Any SIC	Facilities using styrene or styrene compounds where emissions exceed 1,000 pounds per year of styrene or styrene compounds.
Any SIC	Facilities using methylene chloride for paint or coating removal, where usage of methylene chloride exceeds 6 gallons per year.
Any SIC	Facilities identified by districts under section II.E.(3)(a).

## APPENDIX E (continued)

<u>Standard Industrial Classification Code (SIC)</u>	<u>Description of Class</u>
0723 <sup>h</sup>	Crop preparation services for market, if fumigation is performed using ethylene oxide, propylene oxide, or methyl bromide.
1442-1446 <sup>h</sup>	Construction sand and gravel mining, if asphalt products are also used or produced at the facility.
2221 <sup>h</sup> , 3229 <sup>h</sup>	Fiberglass and various fiberglass materials and products manufacturing facilities within SICs 2221 and 3229.
2611, 2621, [2631] <sup>i</sup>	Pulp and paper mills.
2711-2771, 2782	Printing and publishing including print shops and miscellaneous commercial printing <sup>j</sup> .
2812-2899	Chemicals and allied products manufacturing.
2911-2999	Petroleum refining and related industries.
3011-3089, [3293], [3555] <sup>i</sup>	Rubber and miscellaneous plastics products manufacturing, if a listed substance is used in a blowing agent, plasticizer, or diluent, or is present as free monomer.
3471-3479 <sup>h</sup>	Miscellaneous plating, polishing, coating, engraving, and allied services, if using hexavalent chromium, nickel, or cadmium; or thermal spraying using chromium or nickel.
3674	Semiconductors and related devices manufacturing.
3731-3732	Boat and ship building and repair <sup>k</sup> .
4952	Wastewater treatment facilities (including publicly owned treatment works, POTWs) <sup>l</sup> .
4953	Refuse systems, where landfill gas emissions of vinyl chloride exceed 8.5 pounds per year.
5171-5172	Petroleum bulk stations and terminals and related wholesalers.

## APPENDIX E (continued)

<u>Standard Industrial Classification Code (SIC)</u>	<u>Description of Class</u>
5511-5521,[7531], 7532,[7535] <sup>i</sup>	Auto body shops (including new and used car dealers where surface coating occurs).
5541 or Any SIC	Facilities where any retail sale of gasoline occurs.
7216 or Any SIC	Dry cleaners using perchloroethylene.
7261 <sup>h</sup>	Funeral services with crematories <sup>d</sup> .
8011-8099 <sup>h</sup>	Medical services, hospitals, and related facilities, if formaldehyde emissions exceed 110 pounds per year, or if sterilization occurs as described under "Any SIC" for "Facilities using ethylene oxide for sterilization", above.