

[Note: The pre-existing regulation text is set forth below in normal type. The proposed amendments are shown in underline to indicate additions and ~~striketrough~~ to indicate deletions. The square brackets “[]” are used to indicate minor adjustments to text (e.g., page numbers and adoption dates) that will be updated upon adoption of the proposed amendments.]

APPENDIX E

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

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APPENDIX E

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

Appendix E contains Table E-1, Table E-2, and Table E-3, which are referred to from EICG Section II.E.

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^{(1), (2)}

(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^a.

Any SIC

Facilities using ethylene oxide for sterilization^b.

Any SIC

Facilities with cooling towers using hexavalent chromium.

Any SIC

Facilities that perform degreasing^c.

Any SIC

Facilities using incinerators that burn hazardous, municipal, or biomedical waste (including animal crematoria), or burning tires^d.

Any SIC

Long term asbestos removal (over one year)^e.

Any SIC

Treatment, storage, disposal, and recycling facilities (TSDFs; TSDR facilities)^f.

Any SIC

Facilities using 1,4-Dioxane where emissions exceed 85 pounds per year of 1,4-Dioxane^g.

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 ^h	Crop preparation services for market, if fumigation is performed using ethylene oxide, propylene oxide, or methyl bromide.
1442-1446 ^h	Construction sand and gravel mining, if asphalt products are also used or produced at the facility.
2221 ^h ,3229 ^h	Fiberglass and various fiberglass materials and products manufacturing facilities within SICs 2221 and 3229.
2611,2621,[2631] [†]	Pulp and paper mills.
2711-2771,2782	Printing and publishing including print shops and miscellaneous commercial printing[†].
2812-2899	Chemicals and allied products manufacturing.
2911-2999	Petroleum refining and related industries.
3011-3089, [3293],[3555] [†]	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 ^h	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^k.
4952	Wastewater treatment facilities (including publicly owned treatment works, POTWs)[†].
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)

Standard Industrial
Classification
Code (SIC)

Description of Class

5511-5521,[7531],
7532,[7535][†]

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^h

Funeral services with crematories^d.

8011-8099^h

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.

Table E-1.
Phase-in schedule for reporting by District Group and Sector Phase*

District Group	Initial Data Year			
	Sector Phase 1**	Sector Phase 2	Sector Phase 3	Sector Phase 3B***
A	<u>2022</u>	<u>2024</u>	<u>2025</u>	<u>2028</u>
B	<u>2024</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>

* The initial data year is the first data year subject to reporting. For example, for District Group A, Sector Phase 1, 2022 data must be submitted during 2023.

** Agricultural operation facilities that are required to submit reports pursuant to a threshold identified in Appendix E, Table E-3, regardless of which threshold category is exceeded, may postpone the initial year of reporting to Sector Phase 3.

*** Facilities in the waste-handling sector subject to two-step source testing and other requirements set forth in Section II.E(2) and IX.H. Reporting for Sector Phase 3B begins with 2028 data even if other permitted processes in Sector Phases 1, 2, or 3 are present at the facility.

**Table E-2.
District Group for Appendix E Phase-in Schedule**

<u>District Group</u>	<u>District</u>
<u>A</u>	<u>Bay Area AQMD</u>
	<u>Imperial County APCD</u>
	<u>Sacramento Metropolitan AQMD</u>
<u>B</u>	<u>San Diego County APCD</u>
	<u>San Joaquin Valley Unified APCD</u>
	<u>South Coast AQMD</u>
	<u>Amador County APCD</u>
	<u>Antelope Valley APCD</u>
	<u>Butte County AQMD</u>
	<u>Calaveras County APCD</u>
	<u>Colusa County APCD</u>
	<u>Eastern Kern County APCD</u>
	<u>El Dorado County APCD</u>
	<u>Feather River AQMD</u>
	<u>Glenn County APCD</u>
	<u>Great Basin Unified APCD</u>
	<u>Lake County AQMD</u>
	<u>Lassen County APCD</u>
	<u>Mariposa County APCD</u>
<u>Mendocino County AQMD</u>	
<u>Modoc County APCD</u>	
<u>Mojave Desert AQMD</u>	
<u>Monterey Bay Air Resources District</u>	
<u>North Coast Unified APCD</u>	
<u>Northern Sierra AQMD</u>	
<u>Northern Sonoma County APCD</u>	
<u>Placer County APCD</u>	
<u>San Luis Obispo County APCD</u>	
<u>Santa Barbara County APCD</u>	
<u>Shasta County AQMD</u>	
<u>Siskiyou County APCD</u>	
<u>Tehama County APCD</u>	
<u>Tuolumne County APCD</u>	
<u>Ventura County APCD</u>	
<u>Yolo/Solano AQMD</u>	

Table E-3. Sector Phases and Activity Level Reporting Thresholds for Facilities Emitting Less Than 10 Tons of Criteria Pollutants

<u>Sector No.</u>	<u>Sector Phase</u>	<u>Process or activity</u>	<u>SIC Code(s)*</u>	<u>NAICS Code(s)*</u>	<u>Activity Level Reporting Threshold</u>
<u>1</u>	<u>1</u>	<u>Metal plating, anodizing, or grinding using cadmium or chromium</u>	<u>Any</u>	<u>Any</u>	<u>Any activity level</u>
<u>2</u>	<u>1</u>	<u>Plating, polishing, coating, engraving, and allied services, including thermal spraying, using chromium, cadmium, or nickel</u>	<u>347x</u>	<u>3328xx and 33991x</u>	<u>Any activity level</u>
<u>3</u>	<u>1</u>	<u>Petroleum refining and industries related to petroleum refining</u>	<u>2911 through 2999</u>	<u>3241xx, 325110, and 325194</u>	<u>Any activity level</u>
<u>4</u>	<u>1</u>	<u>Industrial machinery manufacturing</u>	<u>353x, 356x</u>	<u>333xxx</u>	<u>Any activity level</u>
<u>5</u>	<u>1</u>	<u>Release of fumigant, or fumigation of crops for market using ethylene oxide, propylene oxide, methyl bromide, sulfuryl fluoride, sulfur dioxide, phosphine, or phosphine-generating processes</u>	<u>0723, 2033, 2034, 2068, 2099, 5148</u>	<u>115111, 115114, 3111xx through 3114xx, 3118xx, and 3119xx</u>	<u>Any activity level</u>
<u>6</u>	<u>1</u>	<u>Rubber and miscellaneous plastics products manufacturing if styrene, butadiene, phthalates, carcinogenic solvents, or isocyanates are used</u>	<u>3011 through 3089, 3293, 3555</u>	<u>31332x, 31491x, 3162xx, 3252xx, 325991, 3261xx, 3262xx, and 339113</u>	<u>Any activity level</u>
<u>7</u>	<u>1</u>	<u>Processes emitting 1,4-dioxane in reverse osmosis equipment manufacturing, water treatment filtration systems, manufacturing of paints, lacquers, cosmetics, and cleaning agents; manufacturing or processing of petroleum, pulp and paper, explosives; commercial printing, electroplating/polishing; manufacturing of pesticides, dyes, fibers, pharmaceuticals, adhesives, semiconductors, electronic components, photographic equipment, magnetic recording media, polymers, plastics, rubber, and organic and inorganic chemicals; and cleaning or degreasing solvent use containing 1,4-dioxane</u>	<u>13xx, 22xx, 26xx, 27xx, 28xx, 29xx, 30xx, 35xx, 36xx, 37xx, 38xx, 49xx, 50xx, 51xx, 73xx, 75xx, 76xx, 97xx</u>	<u>211xxx, 221xxx, 236xxx, 2371xx, 2389xx, 3115xx, 3121xx, 3149xx, 3222xx, 3231xx, 325xxx, 326xxx, 331xxx, 332xxx, 333xxx, 334xxx, 3361xx, 3364xx, 3399xx, 4881xx, 5311xx, 5417xx, 5622xx, 61xxxx, 8111xx, 92811x</u>	<u>10 pounds of 1,4-dioxane emitted per year</u>

Table E-3. Sector Phases and Activity Level Reporting Thresholds for Facilities Emitting Less Than 10 Tons of Criteria Pollutants

<u>Sector No.</u>	<u>Sector Phase</u>	<u>Process or activity</u>	<u>SIC Code(s)*</u>	<u>NAICS Code(s)*</u>	<u>Activity Level Reporting Threshold</u>
<u>8</u>	<u>1</u>	<u>Combustion of crude, residual, distillate, or diesel oil, except for the agricultural operations and medical-related industry sectors as defined in the SIC and NAICS columns</u>	<u>Any, except SIC codes 0110 through 0762 and 8011 through 8099</u>	<u>Any, except 111xxx, 112xxx, 1151xx, 1152xx, and 621xxx through 623xxx</u>	<u>Tier 4 or higher diesel engines: 100 gallons of fuel combusted per year, or 5 hours per year of non-emergency operation.</u> <u>Tier zero through tier 3 diesel engines: 30 gallons of fuel combusted per year or 5 hours per year of non-emergency operation.</u> <u>Combustion devices other than compression ignition engines: 100 gallons of fuel combusted per year.</u>
<u>9</u>	<u>1</u>	<u>Processes emitting styrene, in boat and ship building and repair; rubber products manufacturing; plastics, resins, and foams manufacturing; utility vault manufacturing; cultured marble and stone manufacturing and wholesale; fiber cans and drums manufacturing; manufacturing and installation of polystyrene products; and furniture and fixtures manufacturing</u>	<u>17xx, 22xx, 23xx, 24xx, 25xx, 26xx, 28xx, 30xx, 32xx, 34xx, 35xx, 37xx, 38xx, 44xx, 45xx, 49xx, 50xx, 51xx, 75xx, 97xx</u>	<u>211xxx, 2123xx, 213xxx, 221xxx, 236xxx, 237xxx, 311xxx, 3121xx, 313xxx, 314xxx, 315xxx, 316xxx, 321xxx, 322xxx, 32311x, 324xxx, 325xxx, 326xxx, 327xxx, 331xxx, 332xxx, 333xxx, 334xxx, 336xxx, 337xxx, 339xxx, 441xxx, 443xxx, 4441xx, 445xxx, 447xxx, 448xxx, 481xxx, 484xxx, 485xxx, 486xxx, 4881xx, 4883xx, 493xxx, 562xxx, 62xxxx, 722xxx, 8111xx, 8114xx, 8122xx, 92811x</u>	<u>1 pound of styrene emitted per year</u>
<u>10</u>	<u>1</u>	<u>Methylene chloride use for paint or coating removal, printing or print shop cleaning, or aircraft maintenance or repair</u>	<u>Any</u>	<u>Any</u>	<u>1 gallon of methylene chloride used per year</u>

Table E-3. Sector Phases and Activity Level Reporting Thresholds for Facilities Emitting Less Than 10 Tons of Criteria Pollutants

<u>Sector No.</u>	<u>Sector Phase</u>	<u>Process or activity</u>	<u>SIC Code(s)*</u>	<u>NAICS Code(s)*</u>	<u>Activity Level Reporting Threshold</u>
11	1	Paint stripping and varnish stripping	7641	811420	Any activity level
12	1	Use of N-methyl pyrrolidone	Any	Any	1 gallon of N-methyl pyrrolidone per year
13	1	Dry cleaning facilities, except facilities that only use water or carbon dioxide based cleaning systems	7216, 7217	812320, 561740	Any activity level
14	1	Tert-butyl acetate use in, aerospace manufacturing and maintenance; fabricated metal products manufacturing; manufacture or use of coatings, inks, adhesives, cleaners and degreasers; and military facilities. Tert-butyl acetate from auto body repair and coating operations are reported under the Phase 2 category for that process.	28xx, 32xx, 33xx, 34xx, 37xx, 38xx, 49xx, 50xx, 97xx. Auto body repair and coating operations, and the associated SICs, 5511 through 5521, 7532, and 7535, are reported under Phase 2.	325xxx, 327xxx, 331xxx, 332xxx, 3362xx, 3363xx, 3369xx, 3364xx, 5417xx, 5629xx, 92811x. Auto body repair and coating operations, and the associated NAICS, 4411xx, 44121x, 441228, 44131x, 811111, and 811121, are reported under Phase 2.	20 pounds of tert-butyl acetate used per year
15	1	Use of perchlorobenzotrifluoride (PCBTF) in cleaning or degreasing solvents, adhesives, printing inks, or coating operations. PCBTF from auto body repair and coating operations are reported under the Phase 2 category for that process.	Any Auto body repair and coating operations, and the associated SICs, 5511 through 5521, 7532, and 7535, are reported under Phase 2.	Any	5 pounds or 0.5 gallon of perchlorobenzotrifluoride used per year

Table E-3. Sector Phases and Activity Level Reporting Thresholds for Facilities Emitting Less Than 10 Tons of Criteria Pollutants

<u>Sector No.</u>	<u>Sector Phase</u>	<u>Process or activity</u>	<u>SIC Code(s)*</u>	<u>NAICS Code(s)*</u>	<u>Activity Level Reporting Threshold</u>
16	1	Solvent cleaning and degreasing	<u>13xx, 17xx, 22xx, 25xx, 26xx, 27xx, 28xx, 29xx, 30xx, 32xx, 33xx, 34xx, 35xx, 36xx, 37xx, 38xx, 39xx, 45xx, 49xx, 509x, 519x, 75xx, 7623, 7641, 8071, 822x, 9711</u>	<u>211xxx, 212xxx, 213xxx, 221xxx, 238xxx, 322xxx, 323xxx, 324xxx, 325xxx, 326xxx, 327xxx, 332xxx, 333xxx, 334xxx, 335xxx, 336xxx, 337xxx, 339xxx, 423xxx, 425xxx, 441xxx, 447xxx, 451xxx, 486xxx, 488xxx, 541xxx, 562xxx, 611xxx, 811xxx, 928xxx</u>	<u>Use of solvents that are a listed substance designated as a human carcinogen or potential human carcinogen: Any activity level.</u> <u>Use of solvents that are a listed substance but not designated as a human carcinogen or potential human carcinogen: Annual average of 55 gallons per month.</u>
17	2	<u>Isocyanate compound use, in print shops and commercial printing; aerospace manufacturing and maintenance; adhesive and sealants manufacturing; plastics foam products manufacturing; military facilities; manufacture of flexible and rigid foams, fibers, coatings such as paints and varnishes, and elastomers; spraying of polyurethane coatings on cement, wood, fiberglass and metals; surface coating of appliances; surface coating of magnetic tape; manufacture or use of blowing agents; production of polyurethane foam; and isocyanates from auto body repair and coating operations.</u>	<u>24xx, 25xx, 26xx, 27xx, 28xx, 30xx, 33xx, 347x, 36xx, 37xx, 38xx, 39xx, 45xx, 50xx, 51xx, and 97xx, and auto body repair and coating operations, and the associated SICs, 5511 through 5521, 7532, and 7535.</u>	<u>321xxx, 322xxx, 32311x, 324xxx, 325xxx, 326xxx, 3279xx, 331xxx, 334xxx, 335xxx, 3361xx, 3364xx, 3366xx, 339xxx, 481xxx, 4881xx, 4883xx, 5417xx, 8114xx, 92811x, and auto body repair and coating operations, and the associated NAICS, 4411xx, 44121x, 441228, 44131x, 811111, and 811121.</u>	<u>Use of materials containing 3 pounds of isocyanates per year</u>

Table E-3. Sector Phases and Activity Level Reporting Thresholds for Facilities Emitting Less Than 10 Tons of Criteria Pollutants

<u>Sector No.</u>	<u>Sector Phase</u>	<u>Process or activity</u>	<u>SIC Code(s)*</u>	<u>NAICS Code(s)*</u>	<u>Activity Level Reporting Threshold</u>
18	2	Printing and publishing including print shops and miscellaneous commercial printing	2711 through 2771, 2782	313310, 32311x, 5111xx, 51223x, 561439, 81292x	Use of graphic arts materials with no isocyanates: Annual average of 2 gallons per day. Use of graphic arts materials with isocyanates: Annual average of 0.5 gallons per day.
19	2	Hazardous waste treatment, storage, disposal and recycling at a hazardous waste treatment, storage, disposal and recycling facility ¹	Any	Any	Any activity level
20	2	Welding, laser cutting and plasma cutting of metal materials	1799, 3356, 3496, 3541, 3542, 3544, 3548, 3699, 7692,	325998, 331491, 332313, 333514, 333517, 333922, 335311, 811310,	Any activity level
21	2	Construction aggregate processing, if asphalt products are also used or produced	1442 through 1446	212321 and 212322	Any activity level
22	2	Chemicals and allied products manufacturing	2812 through 2899	211112, 311942, 331311, 325xxx	Any activity level
23	2	Bulk petroleum storage and loading, bulk benzene storage and loading, and related wholesalers	5171, 5172	4247xx	Any activity level
24	2	Polybrominated biphenyl compounds (PBBs), and any brominated diphenyl ethers, manufacture or use	Any	Any	Any activity level
25	2	Use of ethylene oxide for sterilization	Any	Any	Any activity level
26	2	Leather and hide tanning and finishing, processing and fabricated goods	3111	316110	Any activity level
27	2	Retail sale of gasoline	Any	Any	25,000 gallons of gasoline sold per year

¹ "Hazardous waste treatment, storage, disposal and recycling facility" means any 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 66260.10 except: (1) transfer stations (as defined in the same section) 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.

Table E-3. Sector Phases and Activity Level Reporting Thresholds for Facilities Emitting Less Than 10 Tons of Criteria Pollutants

<u>Sector No.</u>	<u>Sector Phase</u>	<u>Process or activity</u>	<u>SIC Code(s)*</u>	<u>NAICS Code(s)*</u>	<u>Activity Level Reporting Threshold</u>
<u>28</u>	<u>2</u>	<u>Auto body repair and coating operations at auto body shops, including new and used car dealers</u>	<u>5511 through 5521, 7531, 7532, 7535</u>	<u>4411xx, 44121x, 441228, 44131x, 811111, 811121</u>	<u>50 gallons of paint used per year</u>
<u>29</u>	<u>2</u>	<u>Medical services, hospitals, and related facilities which use formaldehyde (or formalin), glutaraldehyde, ethylene oxide, or diesel engines</u>	<u>8011 through 8099</u>	<u>62xxxx</u>	<u>110 pounds of formaldehyde emitted per year, or 110 pounds of glutaraldehyde emitted per year, or any use of ethylene oxide, or 30 gallons of diesel fuel burned or 5 hours of engine non-emergency operation per year.</u>
<u>30</u>	<u>2</u>	<u>Flat glass manufacturing</u>	<u>3211</u>	<u>327211</u>	<u>100 pounds of glass production</u>
<u>31</u>	<u>2</u>	<u>Pressed and blown glassware manufacturing</u>	<u>3229, 3221</u>	<u>327212, 327213</u>	<u>100 pounds of glass production</u>
<u>32</u>	<u>2</u>	<u>Clay ceramics manufacturing</u>	<u>3253, 3261</u>	<u>327120, 327110</u>	<u>1 ton of product manufactured</u>
<u>33</u>	<u>3</u>	<u>Hexavalent chromium use in cooling towers</u>	<u>Any</u>	<u>Any</u>	<u>Any activity level</u>
<u>34</u>	<u>3</u>	<u>Incineration of hazardous, municipal, or biomedical waste, or tires</u>	<u>Any</u>	<u>Any</u>	<u>Any activity level</u>
<u>35</u>	<u>3</u>	<u>Cremation of humans or animals</u>	<u>7261, 6531, 8699</u>	<u>812220</u>	<u>Any activity level</u>
<u>36</u>	<u>3</u>	<u>Fiberglass and various fiberglass materials and product manufacturing</u>	<u>2221, 3229</u>	<u>326191, 326199, 337125</u>	<u>Any activity level</u>
<u>37</u>	<u>3</u>	<u>Pulp and paper manufacturing</u>	<u>2611, 2621, 2631</u>	<u>3221xx</u>	<u>Any activity level</u>
<u>38</u>	<u>3</u>	<u>Semiconductors and related devices manufacturing</u>	<u>3674</u>	<u>334413</u>	<u>Any activity level</u>
<u>39</u>	<u>3</u>	<u>Oil and gas extraction or production</u>	<u>1311 through 1389</u>	<u>211xxx, 213111, 213112</u>	<u>Any activity level</u>
<u>40</u>	<u>3</u>	<u>Melting, smelting, recovery, reclamation, or recycling of lead-containing materials, including but not limited to lead batteries</u>	<u>3300 through 3499, 3690 through 3699, 3714, 3728, 5051, 5093, 9711</u>	<u>331410, 331492, and 423930</u>	<u>Any activity level</u>

Table E-3. Sector Phases and Activity Level Reporting Thresholds for Facilities Emitting Less Than 10 Tons of Criteria Pollutants

<u>Sector No.</u>	<u>Sector Phase</u>	<u>Process or activity</u>	<u>SIC Code(s)*</u>	<u>NAICS Code(s)*</u>	<u>Activity Level Reporting Threshold</u>
41	3	<u>Primary or secondary metal melting, smelting, refining, alloying, forging, or foundry/casting operations</u>	<u>3300 through 3499, 3690 through 3699, 3714, 3728, 5051, 5093, 9711</u>	<u>331410, 331492, 33151x, 33152x, and 423930</u>	<u>Any activity level</u>
42	3	<u>Prepared feed manufacturing</u>	<u>2048</u>	<u>321119</u>	<u>One ton of product manufactured</u>
43	3	<u>Wood preserving</u>	<u>259x</u>	<u>321114, 3212xx</u>	<u>Any activity level</u>
44	3	<u>Long term asbestos removal on a routine and predictable basis</u>	<u>Any</u>	<u>Any</u>	<u>One year duration</u>
45	3	<u>Combustion of residual, distillate, or diesel oil in agricultural operations-related industry sectors</u>	<u>0110 through 0762</u>	<u>1111xx, 1112xx, 1113xx, 1114xx, 1119xx, 1121xx, 1122xx, 1123xx, 1124xx, 1125xx, 1129xx, 1151xx, and 1152xx</u>	<u>Tier 4 or higher diesel engines: 100 gallons of fuel combusted per year, or 5 hours per year of non-emergency operation.</u> <u>Tier zero through tier 3 diesel Engines: 30 gallons of fuel combusted per year, or 5 hours per year of non-emergency operation.</u> <u>Combustion devices other than compression ignition engines: 100 gallons of fuel combusted per year.</u>
46	3	<u>Boat and ship building and repair</u>	<u>3731, 3732</u>	<u>336611, 336612, 488390, 811490</u>	<u>1 gallon of coatings used per year</u>
47	3	<u>Combustion of natural gas or propane</u>	<u>Any</u>	<u>Any</u>	<u>75 million standard cubic feet or 77,000 MMBtu combusted per year</u>
48	3B	<u>Collection and disposal of refuse</u>	<u>4953</u>	<u>5622xx, 562920</u>	<u>1 pound of vinyl chloride or 1 pound of benzene emitted per year</u>
49	3B	<u>Composting of organic waste</u>	<u>2875, 4953</u>	<u>325314, 562212, 562219</u>	<u>Over 500 tons per year of material composted</u>
50	3B	<u>Recycling facilities, and material recovery facilities that separate organic waste from recyclable materials</u>	<u>4953</u>	<u>562212, 562920</u>	<u>Facilities where putrescible material is retained on-site for more than 24 hours prior to removal or disposal in a landfill</u>

Table E-3. Sector Phases and Activity Level Reporting Thresholds for Facilities Emitting Less Than 10 Tons of Criteria Pollutants

<u>Sector No.</u>	<u>Sector Phase</u>	<u>Process or activity</u>	<u>SIC Code(s)*</u>	<u>NAICS Code(s)*</u>	<u>Activity Level Reporting Threshold</u>
51	3B	Scrap and waste wholesale handling and recycling, including but not limited to junk metals, shredding operations, and auto dismantling	5093	423930	40,000 tons of metal shredded per year or 1,000 tons of metal recycled per year
52	3B	Wastewater treatment at wastewater treatment plants ² , including incineration of sludge	4952	221320	Covered systems: 10 million gallons annual average daily flow. Uncovered systems: 5 million gallons annual average daily flow. Facilities that incinerate sludge: Any activity level.
53	Any	Facilities identified by districts under Section II.E.(3)(a)	Any	Any	Any activity level identified by the district under section II.E.(3)(a).

² A covered system wastewater treatment plant has a covering over the physical area where the primary settling process occurs in the wastewater treatment process, such as sedimentation tanks. The primary tanks may be sealed or covered with a fixed, floating, or retractable covering and shall be air tight, thus preventing emissions from being released into the air.