

DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION 238

NEW SOURCE PERFORMANCE STANDARDS

340-238-0040

Definitions

The definitions in OAR 340-200-0020 and this rule apply to this division. If the same term is defined in this rule and OAR 340-200-0020, the definition in this rule applies to this division.

- (1) "Administrator" means the Administrator of the EPA or authorized representative.
- (2) "Affected facility" means, with reference to a stationary source, any apparatus to which a standard is applicable.
- (3) "Capital expenditures" means an expenditure for a physical or operational change to an existing facility that exceeds the product of the applicable "annual asset guideline repair allowance percentage" specified in Internal Revenue Service (IRS) Publication 534 and the existing facility's basis, as defined by section 1012 of the Internal Revenue Code. However, the total expenditure for a physical or operational change to an existing facility must not be reduced by any "excluded additions" as defined in IRS Publication 534, as would be done for tax purposes.
- (4) "C.F.R." means the July 1, 2015 edition Code of Federal Regulations ~~and, unless otherwise identified otherwise expressly identified, refers to the July 1, 2013 edition.~~
- (5) "Closed municipal solid waste landfill" (closed landfill) means a landfill in which solid waste is no longer being placed, and in which no additional solid wastes will be placed without first filing a notification of modification as prescribed under 40 C.F.R. 60.7(a)(4). Once a notification of modification has been filed, and additional solid waste is placed in the landfill, the landfill is no longer closed. ~~A landfill is considered closed after meeting the criteria of 40 CFR 258.60.~~
- (6) "Commenced", with respect to the definition of "new source" in section 111(a)(2) of the federal Clean Air Act, means that an owner or operator has undertaken a continuous program of construction or modification or that an owner or operator has entered into a contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction or modification.
- (7) "Existing municipal solid waste landfill" (existing landfill) means a municipal solid waste landfill that began construction, reconstruction or modification before 5/30/91 and has accepted waste at any time since 11/08/87 or has additional design capacity available for future waste deposition.
- (8) "Existing facility", with reference to a stationary source, means any apparatus of the type for which a standard is promulgated in 40 C.F.R. Part 60, and the construction or

modification of which commenced before the date of proposal by EPA of that standard; or any apparatus that could be altered in such a way as to be of that type.

(9) "Fixed capital cost" means the capital needed to provide all the depreciable components.

(10) "Large municipal solid waste landfill" (large landfill) means a municipal solid waste landfill with a design capacity greater than or equal to 2.5 million megagrams or 2.5 million cubic meters.

(11) "Modification:"

(a) except as provided in subsection (b) of this section, means any physical change in, or change in the method of operation of, an existing facility that increases the amount of any air pollutant (to which a standard applies) emitted into the atmosphere by that facility or that results in the emission of any air pollutant (to which a standard applies) into the atmosphere not previously emitted;

(b) As used in OAR 340-238-0100 means an action that results in an increase in the design capacity of a landfill.

(12) "Municipal solid waste landfill" (landfill) means an entire disposal facility in a contiguous geographical space where household waste is placed in or on land. A municipal solid waste landfill may also receive other types of RCRA Subtitle D wastes such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, and industrial solid waste. Portions of a municipal solid waste landfill may be separated by access roads and may be publicly or privately owned. A municipal solid waste landfill may be a new municipal solid waste landfill, an existing municipal solid waste landfill, or a lateral expansion (modification).

(13) "New municipal solid waste landfill" (new landfill) means a municipal solid waste landfill that began construction, reconstruction or modification or began accepting waste on or after 5/30/91.

(14) "Reconstruction" means the replacement of components of an existing facility to such an extent that:

(a) The fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable entirely new facility; and

(b) It is technologically and economically feasible to meet the applicable standards set forth in 40 C.F.R. Part 60.

(15) "Reference method" means any method of sampling and analyzing for an air pollutant as specified in 40 C.F.R. Part 60.

(16) "Small municipal solid waste landfill" (small landfill) means a municipal solid waste landfill with a design capacity less than 2.5 million megagrams or 2.5 million cubic meters.

(17) "Standard" means a standard of performance proposed or promulgated under 40 C.F.R. Part 60.

(18) "State Plan" means a plan developed for the control of a designated pollutant provided under 40 C.F.R. Part 60.

Stat. Auth.: ORS 468.020

Stats. Implemented: ORS 468A.025

Hist.: DEQ 97, f. 9-2-75, ef. 9-25-75; DEQ 22-1982, f. & ef. 10-21-82; DEQ 17-1983, f. & ef. 10-19-83; DEQ 16-1984, f. & ef. 8-21-84; DEQ 15-1985, f. & ef. 10-21-85; DEQ 19-1986, f. & ef. 11-7-86; DEQ 17-1987, f. & ef. 8-24-87; DEQ 24-1989, f. & cert. ef. 10-26-89; DEQ 4-1993, f. & cert. ef. 3-10-93; DEQ 17-1993, f. & cert. ef. 11-4-93; DEQ 22-1995, f. & cert. ef. 10-6-95; DEQ 27-1996, f. & cert. ef. 12-11-96; DEQ 8-1997, f. & cert. ef. 5-6-97; DEQ 22-1998, f. & cert. ef. 10-21-98; DEQ 14-1999, f. & cert. ef. 10-14-99, Renumbered from 340-025-0510; DEQ 22-2000, f. & cert. ef. 12-18-00; DEQ 4-2003, f. & cert. ef. 2-06-03; DEQ 2-2005, f. & cert. ef. 2-10-05; DEQ 2-2006, f. & cert. ef. 3-14-06; DEQ 13-2006, f. & cert. ef. 12-22-06; DEQ 15-2008, f. & cert. ef. 12-31-08; DEQ 8-2009, f. & cert. ef. 12-16-09; DEQ 1-2011, f. & cert. ef. 2-24-11; DEQ 4-2013, f. & cert. ef. 3-27-13; DEQ 8-2015, f. & cert. ef. 4-17-15

340-238-0060

Federal Regulations Adopted by Reference

(1) Except as provided in section (2) of this rule, **40 C.F.R. Part 60 Subparts A, D through EE, GG, HH, KK through NN, PP through XX, BBB, DDD, FFF through LLL, NNN, PPP through WWW, AAAA, CCCC, EEEE, KKKK, LLLL, and OOOO** are by this reference adopted and incorporated herein, **40 C.F.R. Part 60 Subpart OOO** is by this reference adopted and incorporated herein for major sources only, **40 C.F.R. Part 60 Subpart IIII** is by this reference adopted and incorporated herein only for sources required to have a Title V or ACDP permit and excluding the requirements for engine manufacturers, and **40 C.F.R. Part 60 Subpart JJJJ** is by this reference adopted and incorporated herein only for sources required to have a Title V or ACDP permit and excluding the requirements for engine manufacturers.

(2) Where "Administrator" or "EPA" appears in 40 C.F.R. Part 60, "DEQ" is substituted, except in any section of 40 C.F.R. Part 60 for which a federal rule or delegation specifically indicates that authority must not be delegated to the state.

(3) 40 C.F.R. Part 60 Subparts adopted by this rule are titled as follows:

(a) Subpart A — General Provisions;

(b) Subpart D — Fossil-fuel-fired steam generators for which construction is commenced after August 17, 1971;

(c) Subpart Da — Electric utility steam generating units for which construction is commenced after September 18, 1978;

- (d) Subpart Db — Industrial-commercial-institutional steam generating units;
- (e) Subpart Dc — Small industrial-commercial-institutional steam generating units;
- (f) Subpart E — Incinerators;
- (g) Subpart Ea — Municipal waste combustors for which construction is commenced after December 20, 1989 and on or before September 20, 1994;
- (h) Subpart Eb — Municipal waste combustors for which construction is commenced after September 20, 1994;
- (i) Subpart Ec — Hospital/Medical/Infectious waste incinerators that commenced construction after June 20, 1996, or for which modification is commenced after March 16, 1998;
- (j) Subpart F — Portland cement plants;
- (k) Subpart G — Nitric acid plants;
- (l) Subpart Ga — Nitric acid plants for which construction, reconstruction, or modification commenced after October 14, 2011;
- (m) Subpart H — Sulfuric acid plants;
- (n) Subpart I — Hot mix asphalt facilities;
- (o) Subpart J — Petroleum refineries;
- (p) Subpart K — Storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and before May 19, 1978;
- (q) Subpart Ka — Storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and before July 23, 1984;
- (r) Subpart Kb — Volatile organic liquid storage vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984;
- (s) Subpart L — Secondary lead smelters;
- (t) Subpart M — Secondary brass and bronze production plants;
- (u) Subpart N — Primary emissions from basic oxygen process furnaces for which construction is commenced after June 11, 1973;
- (v) Subpart Na — Secondary emissions from basic oxygen process steelmaking facilities for which construction is commenced after January 20, 1983;

- (w) Subpart O — Sewage treatment plants;
- (x) Subpart P — Primary copper smelters;
- (y) Subpart Q — Primary Zinc smelters;
- (z) Subpart R — Primary lead smelters;
- (aa) Subpart S — Primary aluminum reduction plants;
- (bb) Subpart T — Phosphate fertilizer industry: wet-process phosphoric acid plants;
- (cc) Subpart U — Phosphate fertilizer industry: superphosphoric acid plants;
- (dd) Subpart V — Phosphate fertilizer industry: diammonium phosphate plants;
- (ee) Subpart W — Phosphate fertilizer industry: triple superphosphate plants;
- (ff) Subpart X — Phosphate fertilizer industry: granular triple superphosphate storage facilities;
- (gg) Subpart Y — Coal preparation plants;
- (hh) Subpart Z — Ferroalloy production facilities;
- (ii) Subpart AA — Steel plants: electric arc furnaces constructed after October 21, 1974 and on or before August 17, 1983;
- (jj) Subpart AAa — Steel plants: electric arc furnaces and argon-oxygen decarburization vessels constructed after august 7, 1983;
- (kk) Subpart BB — Kraft pulp mills;
- (ll) Subpart BBa – Kraft pulp mills affected sources for which construction, reconstruction, or modification commences after May 23, 2013
- (~~mm~~ll) Subpart CC — Glass manufacturing plants;
- (~~nn~~mm) Subpart DD — Grain elevators.
- (~~oo~~nn) Subpart EE — Surface coating of metal furniture;
- (~~pp~~oo) Subpart GG — Stationary gas turbines;
- (~~qq~~pp) Subpart HH — Lime manufacturing plants;
- (~~rr~~qq) Subpart KK — Lead-acid battery manufacturing plants;
- (~~ss~~rr) Subpart LL — Metallic mineral processing plants;
- (~~tt~~ss) Subpart MM — Automobile and light-duty truck surface coating operations;

- (~~uuu~~) Subpart NN — Phosphate rock plants;
- (~~vvv~~) Subpart PP — Ammonium sulfate manufacture;
- (~~www~~) Subpart QQ — Graphic arts industry: publication rotogravure printing;
- (~~xxw~~) Subpart RR — pressure sensitive tape and label surface coating operations;
- (~~yyx~~) Subpart SS — Industrial surface coating: large appliances;
- (~~zzy~~) Subpart TT — Metal coil surface coating;
- (~~aaazz~~) Subpart UU — Asphalt processing and asphalt roofing manufacture;
- (~~bbb~~) Subpart VV — Equipment leaks of VOC in the synthetic organic chemicals manufacturing industry;
- (~~ccc~~) Subpart VVa — Equipment leaks of VOC in the synthetic organic chemicals manufacturing industry;
- (~~ddd~~) Subpart WW — Beverage can surface coating industry;
- (~~eee~~) Subpart XX — Bulk gasoline terminals;
- (~~fff~~) Subpart BBB — Rubber tire manufacturing industry;
- (~~ggg~~) Subpart DDD — Volatile organic compound (VOC) emissions for the polymer manufacture industry;
- (~~hhh~~) Subpart FFF — Flexible vinyl and urethane coating and printing;
- (~~iii~~) Subpart GGG — Equipment leaks of VOC in petroleum refineries;
- (~~jjj~~) Subpart GGGa — Equipment leaks of VOC in petroleum refineries;
- (~~kkk~~) Subpart HHH — Synthetic fiber production facilities;
- (~~lll~~) Subpart III — Volatile organic compound (VOC) emissions from the synthetic organic chemical manufacturing industry (SOCMI) air oxidation unit processes;
- (~~mmm~~) Subpart JJJ — Petroleum dry cleaners;
- (~~nnn~~) Subpart KKK — Equipment leaks of VOC from onshore natural gas processing plants;
- (~~ooo~~) Subpart LLL — Onshore natural gas processing; SO₂ emissions;
- (~~ppp~~) Subpart NNN — Volatile organic compound (VOC) emissions from synthetic organic chemical manufacturing industry (SOCMI) distillation operations;

(~~qqqppp~~) Subpart OOO — Nonmetallic mineral processing plants (adopted by reference for major sources only);

(~~rrrqqq~~) Subpart PPP — Wool fiberglass insulation manufacturing plants;

(~~sssrrr~~) Subpart QQQ — VOC emissions from petroleum refinery wastewater systems;

(~~tttsss~~) Subpart RRR — Volatile organic compound emissions from synthetic organic chemical manufacturing industry (SOCMI) reactor processes;

(~~uuuurr~~) Subpart SSS — Magnetic tape coating facilities;

(~~vvvuuu~~) Subpart TTT — Industrial surface coating: surface coating of plastic parts for business machines;

(~~wwwvvv~~) Subpart UUU — Calciners and dryers in mineral industries;

(~~xxxwww~~) Subpart VVV — Polymeric coating of supporting substrates facilities;

(~~yyyxxx~~) Subpart WWW — Municipal solid waste landfills, as clarified by OAR 340-238-0100;

(~~zzzyyy~~) Subpart AAAA — Small municipal waste combustion units;

(~~aaaazzz~~) Subpart CCCC — Commercial and industrial solid waste incineration units;

(~~bbbaaaa~~) Subpart EEEE — Other solid waste incineration units;

(~~ccccbbbb~~) Subpart IIII — Stationary compression ignition internal combustion engines (adopted only for sources required to have a Title V or ACDP permit), excluding the requirements for engine manufacturers (**40 C.F.R. 60.4201 through 60.4203, 60.4210, 60.4215, and 60.4216**);

(~~ddddeeee~~) Subpart JJJJ — Stationary spark ignition internal combustion engines (adopted only for sources required to have a Title V or ACDP permit), excluding the requirements for engine manufacturers (**40 C.F.R. 60.4231 through 60.4232, 60.4238 through 60.4242, and 60.4247**);

(~~eeeeeeee~~) Subpart KKKK — Stationary combustion turbines;

(~~ffffeeee~~) Subpart LLLL — Sewage sludge incineration units;

(~~ggggffff~~) Subpart OOOO — Crude oil and natural gas production, transmission and distribution.

Stat. Auth.: ORS 468.020

Stats. Implemented: ORS 468A.025

Hist.: DEQ 97, f. 9-2-75, ef. 9-25-75; DEQ 16-1981, f. & ef. 5-6-81; sections (1) thru (12) of this rule renumbered to 340-025-0550 thru 340-025-0605; DEQ 22-1982, f. & ef. 10-21-82; DEQ 17-1983, f. & ef. 10-19-83; DEQ 16-1984, f. & ef. 8-21-84; DEQ 15-

1985, f. & ef. 10-21-85; DEQ 19-1986, f. & ef. 11-7-86; DEQ 17-1987, f. & ef. 8-24-87; DEQ 24-1989, f. & cert. ef. 10-26-89; DEQ 17-1993, f. & cert. ef. 11-4-93; DEQ 22-1995, f. & cert. ef. 10-6-95; DEQ 27-1996, f. & cert. ef. 12-11-96; DEQ 8-1997, f. & cert. ef. 5-6-97; DEQ 22-1998, f. & cert. ef. 10-21-98; DEQ 14-1999, f. & cert. ef. 10-14-99, Renumbered from 340-025-0535; DEQ 22-2000, f. & cert. ef. 12-18-00; DEQ 4-2003, f. & cert. ef. 2-06-03; DEQ 2-2005, f. & cert. ef. 2-10-05; DEQ 2-2006, f. & cert. ef. 3-14-06; DEQ 13-2006, f. & cert. ef. 12-22-06; DEQ 15-2008, f. & cert. ef. 12-31-08; DEQ 1-2011, f. & cert. ef. 2-24-11; DEQ 4-2013, f. & cert. ef. 3-27-13; DEQ 8-2015, f. & cert. ef. 4-17-15

DIVISION 244

OREGON FEDERAL HAZARDOUS AIR POLLUTANT PROGRAM

General Provisions for Stationary Sources

340-244-0030

Definitions

The definitions in OAR 340-200-0020, 340-218-0030 and this rule apply to this division. If the same term is defined in this rule and OAR 340-200-0020 or 340-218-0030, the definition in this rule applies to this division.

- (1) "Affected source" is as defined in 40 C.F.R. 63.2.
- (2) "Annual throughput" means the amount of gasoline transferred into a gasoline dispensing facility during 12 consecutive months.
- (3) "Area Source" means any stationary source which has the potential to emit hazardous air pollutants but is not a major source of hazardous air pollutants.
- (4) "C.F.R." means ~~the July 1, 2013 edition~~ the July 1, 2015 edition Code of Federal Regulations ~~and, unless otherwise expressly otherwise identified, refers to the July 1, 2013 edition.~~
- (5) "Construct a major source" means to fabricate, erect, or install at any greenfield site a stationary source or group of stationary sources which is located within a contiguous area and under common control and which emits or has the potential to emit 10 tons per year of any HAPs or 25 tons per year of any combination of HAPs; or to fabricate, erect, or install at any developed site a new process or production unit which in and of itself emits or has the potential to emit 10 tons per year of any HAP or 25 tons per year of any combination of HAP, unless the process or production unit satisfies criteria in paragraphs (a) through (f) of this definition:
 - (a) All HAP emitted by the process or production unit that would otherwise be controlled under the requirements of 40 C.F.R. Part 63, Subpart B will be controlled by emission control equipment which was previously installed at the same site as the process or production unit;

(b) DEQ has determined within a period of 5 years prior to the fabrication, erection, or installation of the process or production unit that the existing emission control equipment represented the best available control technology (BACT), lowest achievable emission rate (LAER) under 40 C.F.R. Part 51 or 52, toxics-best available control technology (T-BACT), or MACT based on State air toxic rules for the category of pollutants which includes those HAP to be emitted by the process or production unit; or DEQ determines that the control of HAP emissions provided by the existing equipment will be equivalent to that level of control currently achieved by other well-controlled similar sources (i.e., equivalent to the level of control that would be provided by a current BACT, LAER, T-BACT, or State air toxic rule MACT determination).

(c) DEQ determines that the percent control efficiency for emission of HAP from all sources to be controlled by the existing control equipment will be equivalent to the percent control efficiency provided by the control equipment prior to the inclusion of the new process or production unit;

(d) DEQ has provided notice and an opportunity for public comment concerning its determination that criteria in paragraphs (a), (b), and (c) of this definition apply and concerning the continued adequacy of any prior LAER, BACT, T-BACT, or State air toxic rule MACT determination;

(e) If any commenter has asserted that a prior LAER, BACT, T-BACT, or State air toxic rule MACT determination is no longer adequate, DEQ has determined that the level of control required by that prior determination remains adequate; and

(f) Any emission limitations, work practice requirements, or other terms and conditions upon which the above determinations by DEQ are predicated will be construed by DEQ as applicable requirements under section 504(a) and either have been incorporated into any existing Title V permit for the affected facility or will be incorporated into such permit upon issuance.

(6) "Dual-point vapor balance system" means a type of vapor balance system in which the storage tank is equipped with an entry port for a gasoline fill pipe and a separate exit port for a vapor connection.

(7) "Emissions Limitation" and "Emissions Standard" mean a requirement adopted by DEQ or Regional Agency, or proposed or promulgated by the Administrator of the EPA, which limits the quantity, rate, or concentration of emissions of air pollutants on a continuous basis, including any requirements which limit the level of opacity, prescribe equipment, set fuel specifications, or prescribe operation or maintenance procedures for a source to assure continuous emission reduction.

(8) "Equipment leaks" means leaks from pumps, compressors, pressure relief devices, sampling connection systems, open ended valves or lines, valves, connectors, agitators, accumulator vessels, and instrumentation systems in hazardous air pollutant service.

(9) "Existing Source" means any source, the construction of which commenced prior to proposal of an applicable standard under sections 112 or 129 of the FCAA.

(10) "Facility" means all or part of any public or private building, structure, installation, equipment, or vehicle or vessel, including, but not limited to, ships.

(11) "Gasoline" means any petroleum distillate or petroleum distillate/alcohol blend having a Reid vapor pressure of 27.6 kilopascals (4.0 psi) or greater, which is used as a fuel for internal combustion engines.

(12) "Gasoline cargo tank" means a delivery tank truck or railcar which is loading or unloading gasoline, or which has loaded or unloaded gasoline on the immediately previous load.

(13) "Gasoline dispensing facility (GDF) " means any stationary facility which dispenses gasoline into the fuel tank of a motor vehicle, motor vehicle engine, nonroad vehicle, or nonroad engine, including a nonroad vehicle or nonroad engine used solely for competition. These facilities include, but are not limited to, facilities that dispense gasoline into on- and off-road, street, or highway motor vehicles, lawn equipment, boats, test engines, landscaping equipment, generators, pumps, and other gasoline fueled engines and equipment. In Clackamas, Multnomah and Washington Counties, the Medford-Ashland Air Quality Maintenance Area, and the Salem-Keizer Area Transportation Study area, "gasoline dispensing facility" includes any stationary facility which dispenses gasoline into the fuel tank of an airplane.

(14) "Hazardous Air Pollutant" (HAP) means an air pollutant listed by the EPA pursuant to ~~under~~ section 112(b) of the FCAA or determined by the Commission to cause, or reasonably be anticipated to cause, adverse effects to human health or the environment.

(15) "Major Source" means any stationary source or group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit considering controls, in the aggregate, 10 tons per year or more of any hazardous air pollutant or 25 tons per year or more of any combination of hazardous air pollutants. The EPA may establish a lesser quantity, or in the case of radionuclides different criteria, for a major source on the basis of the potency of the air pollutant, persistence, potential for bioaccumulation, other characteristics of the air pollutant, or other relevant factors.

(16) "Maximum Achievable Control Technology (MACT)" means an emission standard applicable to major sources of hazardous air pollutants that requires the maximum degree of reduction in emissions deemed achievable for either new or existing sources.

(17) "Monthly throughput" means the total volume of gasoline that is loaded into, or dispensed from, all gasoline storage tanks at each GDF during a month. Monthly throughput is calculated by summing the volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the current day, plus the total volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the previous 364 days, and then dividing that sum by 12.

(18) "Motor vehicle" means any self-propelled vehicle designed for transporting persons or property on a street or highway.

(19) "Nonroad engine" means an internal combustion engine (including the fuel system) that is not used in a motor vehicle or a vehicle used solely for competition, or that is not subject to standards promulgated under section 7411 of this title or section 7521 of this title.

(20) "Nonroad vehicle" means a vehicle that is powered by a nonroad engine, and that is not a motor vehicle or a vehicle used solely for competition.

(21) "New Source" means a stationary source, the construction of which is commenced after proposal of a federal MACT or January 3, 1993 of this Division, whichever is earlier.

(22) "Potential to Emit" means the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation is enforceable by the EPA. This section does not alter or affect the use of this section for any other purposes under the Act, or the term "capacity factor" as used in Title IV of the Act or the regulations promulgated ~~thereunder~~under it. Secondary emissions shall not be considered in determining the potential to emit of a source.

(23) "Reconstruct a Major Source" means the replacement of components at an existing process or production unit that in and of itself emits or has the potential to emit 10 tons per year of any HAP or 25 tons per year of any combination of HAP, whenever: the fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable process or production unit; and; it is technically and economically feasible for the reconstructed major source to meet the applicable maximum achievable control technology emission limitation for new sources established under 40 C.F.R. Part 63 Subpart B.

(24) "Regulated Air Pollutant" as used in this Division means:

(a) Any pollutant listed under OAR 340-244-0040; or

(b) Any pollutant that is subject to a standard promulgated ~~pursuant to~~under Section 129 of the Act.

(25) "Section 112(n)" means that subsection of the FCAA that includes requirements for the EPA to conduct studies on the hazards to public health prior to developing emissions standards for specified categories of hazardous air pollutant emission sources.

(26) "Section 112(r)" means that subsection of the FCAA that includes requirements for the EPA promulgate regulations for the prevention, detection and correction of accidental releases.

(27) "Solid Waste Incineration Unit" as used in this Division shall have the same meaning as given in Section 129(g) of the FCAA.

(28) "Stationary Source", as used in OAR 340 division 244, means any building, structure, facility, or installation which emits or may emit any regulated air pollutant;

(29) "Submerged filling" means the filling of a gasoline storage tank through a submerged fill pipe whose discharge is no more than the applicable distance specified in OAR 340-244-0240(3) from the bottom of the tank. Bottom filling of gasoline storage tanks is included in this definition.

(30) "Topping off" means, in the absence of equipment malfunction, continuing to fill a gasoline tank after the nozzle has clicked off.

(31) "Vapor balance system" means a combination of pipes and hoses that create a closed system between the vapor spaces of an unloading gasoline cargo tank and a receiving storage tank such that vapors displaced from the storage tank are transferred to the gasoline cargo tank being unloaded.

(32) "Vapor-tight" means equipment that allows no loss of vapors. Compliance with vapor-tight requirements can be determined by checking to ensure that the concentration at a potential leak source is not equal to or greater than 100 percent of the Lower Explosive Limit when measured with a combustible gas detector, calibrated with propane, at a distance of 1 inch from the source.

(33) "Vapor-tight gasoline cargo tank" means a gasoline cargo tank which has demonstrated within the 12 preceding months that it meets the annual certification test requirements in 40 C.F.R. 63.11092(f).

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 468.020 & 468A.025

Stats. Implemented: ORS 468A.040

Hist.: DEQ 13-1993, f. & cert. ef. 9-24-93; DEQ 18-1993, f. & cert. ef. 11-4-93; DEQ 24-1994, f. & cert. ef. 10-28-94; DEQ 22-1995, f. & cert. ef. 10-6-95; DEQ 26-1996, f. & cert. ef. 11-26-96; DEQ 20-1997, f. & cert. ef. 9-25-97; DEQ 18-1998, f. & cert. ef. 10-5-98; DEQ 14-1999, f. & cert. ef. 10-14-99, Renumbered from 340-032-0120; DEQ 2-2005, f. & cert. ef. 2-10-05; DEQ 2-2006, f. & cert. ef. 3-14-06; DEQ 13-2006, f. & cert. ef. 12-22-06; DEQ 15-2008, f. & cert. ef. 12-31-08; DEQ 8-2009, f. & cert. ef. 12-16-09; DEQ 1-2011, f. & cert. ef. 2-24-11; DEQ 4-2013, f. & cert. ef. 3-27-13; DEQ 8-2015, f. & cert. ef. 4-17-15

DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION 238

NEW SOURCE PERFORMANCE STANDARDS

340-238-0040

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- (2) "Affected facility" means, with reference to a stationary source, any apparatus to which a standard is applicable.
- (3) "Capital expenditures" means an expenditure for a physical or operational change to an existing facility that exceeds the product of the applicable "annual asset guideline repair allowance percentage" specified in Internal Revenue Service (IRS) Publication 534 and the existing facility's basis, as defined by section 1012 of the Internal Revenue Code. However, the total expenditure for a physical or operational change to an existing facility must not be reduced by any "excluded additions" as defined in IRS Publication 534, as would be done for tax purposes.
- (4) "C.F.R." means the July 1, 2015 edition Code of Federal Regulations unless otherwise identified.
- (5) "Closed municipal solid waste landfill" (closed landfill) means a landfill in which solid waste is no longer being placed, and in which no additional solid wastes will be placed without first filing a notification of modification as prescribed under 40 C.F.R. 60.7(a)(4). Once a notification of modification has been filed, and additional solid waste is placed in the landfill, the landfill is no longer closed.
- (6) "Commenced", with respect to the definition of "new source" in section 111(a)(2) of the federal Clean Air Act, means that an owner or operator has undertaken a continuous program of construction or modification or that an owner or operator has entered into a contractual obligation to undertake and complete, within a reasonable time, a continuous program of construction or modification.
- (7) "Existing municipal solid waste landfill" (existing landfill) means a municipal solid waste landfill that began construction, reconstruction or modification before 5/30/91 and has accepted waste at any time since 11/08/87 or has additional design capacity available for future waste deposition.
- (8) "Existing facility", with reference to a stationary source, means any apparatus of the type for which a standard is promulgated in 40 C.F.R. Part 60, and the construction or

modification of which commenced before the date of proposal by EPA of that standard; or any apparatus that could be altered in such a way as to be of that type.

(9) "Fixed capital cost" means the capital needed to provide all the depreciable components.

(10) "Large municipal solid waste landfill" (large landfill) means a municipal solid waste landfill with a design capacity greater than or equal to 2.5 million megagrams or 2.5 million cubic meters.

(11) "Modification:"

(a) except as provided in subsection (b) of this section, means any physical change in, or change in the method of operation of, an existing facility that increases the amount of any air pollutant (to which a standard applies) emitted into the atmosphere by that facility or that results in the emission of any air pollutant (to which a standard applies) into the atmosphere not previously emitted;

(b) As used in OAR 340-238-0100 means an action that results in an increase in the design capacity of a landfill.

(12) "Municipal solid waste landfill" (landfill) means an entire disposal facility in a contiguous geographical space where household waste is placed in or on land. A municipal solid waste landfill may also receive other types of RCRA Subtitle D wastes such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, and industrial solid waste. Portions of a municipal solid waste landfill may be separated by access roads and may be publicly or privately owned. A municipal solid waste landfill may be a new municipal solid waste landfill, an existing municipal solid waste landfill, or a lateral expansion (modification).

(13) "New municipal solid waste landfill" (new landfill) means a municipal solid waste landfill that began construction, reconstruction or modification or began accepting waste on or after 5/30/91.

(14) "Reconstruction" means the replacement of components of an existing facility to such an extent that:

(a) The fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable entirely new facility; and

(b) It is technologically and economically feasible to meet the applicable standards set forth in 40 C.F.R. Part 60.

(15) "Reference method" means any method of sampling and analyzing for an air pollutant as specified in 40 C.F.R. Part 60.

(16) "Small municipal solid waste landfill" (small landfill) means a municipal solid waste landfill with a design capacity less than 2.5 million megagrams or 2.5 million cubic meters.

(17) "Standard" means a standard of performance proposed or promulgated under 40 C.F.R. Part 60.

(18) "State Plan" means a plan developed for the control of a designated pollutant provided under 40 C.F.R. Part 60.

Stat. Auth.: ORS 468.020

Stats. Implemented: ORS 468A.025

Hist.: DEQ 97, f. 9-2-75, ef. 9-25-75; DEQ 22-1982, f. & ef. 10-21-82; DEQ 17-1983, f. & ef. 10-19-83; DEQ 16-1984, f. & ef. 8-21-84; DEQ 15-1985, f. & ef. 10-21-85; DEQ 19-1986, f. & ef. 11-7-86; DEQ 17-1987, f. & ef. 8-24-87; DEQ 24-1989, f. & cert. ef. 10-26-89; DEQ 4-1993, f. & cert. ef. 3-10-93; DEQ 17-1993, f. & cert. ef. 11-4-93; DEQ 22-1995, f. & cert. ef. 10-6-95; DEQ 27-1996, f. & cert. ef. 12-11-96; DEQ 8-1997, f. & cert. ef. 5-6-97; DEQ 22-1998, f. & cert. ef. 10-21-98; DEQ 14-1999, f. & cert. ef. 10-14-99, Renumbered from 340-025-0510; DEQ 22-2000, f. & cert. ef. 12-18-00; DEQ 4-2003, f. & cert. ef. 2-06-03; DEQ 2-2005, f. & cert. ef. 2-10-05; DEQ 2-2006, f. & cert. ef. 3-14-06; DEQ 13-2006, f. & cert. ef. 12-22-06; DEQ 15-2008, f. & cert. ef. 12-31-08; DEQ 8-2009, f. & cert. ef. 12-16-09; DEQ 1-2011, f. & cert. ef. 2-24-11; DEQ 4-2013, f. & cert. ef. 3-27-13; DEQ 8-2015, f. & cert. ef. 4-17-15

340-238-0060

Federal Regulations Adopted by Reference

(1) Except as provided in section (2) of this rule, **40 C.F.R. Part 60 Subparts A, D through EE, GG, HH, KK through NN, PP through XX, BBB, DDD, FFF through LLL, NNN, PPP through WWW, AAAA, CCCC, EEEE, KKKK, LLLL, and OOOO** are by this reference adopted and incorporated herein, **40 C.F.R. Part 60 Subpart OOO** is by this reference adopted and incorporated herein for major sources only, **40 C.F.R. Part 60 Subpart IIII** is by this reference adopted and incorporated herein only for sources required to have a Title V or ACDP permit and excluding the requirements for engine manufacturers, and **40 C.F.R. Part 60 Subpart JJJJ** is by this reference adopted and incorporated herein only for sources required to have a Title V or ACDP permit and excluding the requirements for engine manufacturers.

(2) Where "Administrator" or "EPA" appears in 40 C.F.R. Part 60, "DEQ" is substituted, except in any section of 40 C.F.R. Part 60 for which a federal rule or delegation specifically indicates that authority must not be delegated to the state.

(3) 40 C.F.R. Part 60 Subparts adopted by this rule are titled as follows:

(a) Subpart A — General Provisions;

(b) Subpart D — Fossil-fuel-fired steam generators for which construction is commenced after August 17, 1971;

(c) Subpart Da — Electric utility steam generating units for which construction is commenced after September 18, 1978;

- (d) Subpart Db — Industrial-commercial-institutional steam generating units;
- (e) Subpart Dc — Small industrial-commercial-institutional steam generating units;
- (f) Subpart E — Incinerators;
- (g) Subpart Ea — Municipal waste combustors for which construction is commenced after December 20, 1989 and on or before September 20, 1994;
- (h) Subpart Eb — Municipal waste combustors for which construction is commenced after September 20, 1994;
- (i) Subpart Ec — Hospital/Medical/Infectious waste incinerators that commenced construction after June 20, 1996, or for which modification is commenced after March 16, 1998;
- (j) Subpart F — Portland cement plants;
- (k) Subpart G — Nitric acid plants;
- (l) Subpart Ga — Nitric acid plants for which construction, reconstruction, or modification commenced after October 14, 2011;
- (m) Subpart H — Sulfuric acid plants;
- (n) Subpart I — Hot mix asphalt facilities;
- (o) Subpart J — Petroleum refineries;
- (p) Subpart K — Storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and before May 19, 1978;
- (q) Subpart Ka — Storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and before July 23, 1984;
- (r) Subpart Kb — Volatile organic liquid storage vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984;
- (s) Subpart L — Secondary lead smelters;
- (t) Subpart M — Secondary brass and bronze production plants;
- (u) Subpart N — Primary emissions from basic oxygen process furnaces for which construction is commenced after June 11, 1973;
- (v) Subpart Na — Secondary emissions from basic oxygen process steelmaking facilities for which construction is commenced after January 20, 1983;

- (w) Subpart O — Sewage treatment plants;
- (x) Subpart P — Primary copper smelters;
- (y) Subpart Q — Primary Zinc smelters;
- (z) Subpart R — Primary lead smelters;
- (aa) Subpart S — Primary aluminum reduction plants;
- (bb) Subpart T — Phosphate fertilizer industry: wet-process phosphoric acid plants;
- (cc) Subpart U — Phosphate fertilizer industry: superphosphoric acid plants;
- (dd) Subpart V — Phosphate fertilizer industry: diammonium phosphate plants;
- (ee) Subpart W — Phosphate fertilizer industry: triple superphosphate plants;
- (ff) Subpart X — Phosphate fertilizer industry: granular triple superphosphate storage facilities;
- (gg) Subpart Y — Coal preparation plants;
- (hh) Subpart Z — Ferroalloy production facilities;
- (ii) Subpart AA — Steel plants: electric arc furnaces constructed after October 21, 1974 and on or before August 17, 1983;
- (jj) Subpart AAa — Steel plants: electric arc furnaces and argon-oxygen decarburization vessels constructed after august 7, 1983;
- (kk) Subpart BB — Kraft pulp mills;
- (ll) Subpart BBa — Kraft pulp mills affected sources for which construction, reconstruction, or modification commences after May 23, 2013
- (mm) Subpart CC — Glass manufacturing plants;
- (nn) Subpart DD — Grain elevators.
- (oo) Subpart EE — Surface coating of metal furniture;
- (pp) Subpart GG — Stationary gas turbines;
- (qq) Subpart HH — Lime manufacturing plants;
- (rr) Subpart KK — Lead-acid battery manufacturing plants;
- (ss) Subpart LL — Metallic mineral processing plants;
- (tt) Subpart MM — Automobile and light-duty truck surface coating operations;

- (uu) Subpart NN — Phosphate rock plants;
- (vv) Subpart PP — Ammonium sulfate manufacture;
- (ww) Subpart QQ — Graphic arts industry: publication rotogravure printing;
- (xx) Subpart RR — pressure sensitive tape and label surface coating operations;
- (yy) Subpart SS — Industrial surface coating: large appliances;
- (zz) Subpart TT — Metal coil surface coating;
- (aaa) Subpart UU — Asphalt processing and asphalt roofing manufacture;
- (bbb) Subpart VV — Equipment leaks of VOC in the synthetic organic chemicals manufacturing industry;
- (ccc) Subpart VVa — Equipment leaks of VOC in the synthetic organic chemicals manufacturing industry;
- (ddd) Subpart WW — Beverage can surface coating industry;
- (eee) Subpart XX — Bulk gasoline terminals;
- (fff) Subpart BBB — Rubber tire manufacturing industry;
- (ggg) Subpart DDD — Volatile organic compound (VOC) emissions for the polymer manufacture industry;
- (hhh) Subpart FFF — Flexible vinyl and urethane coating and printing;
- (iii) Subpart GGG — Equipment leaks of VOC in petroleum refineries;
- (jjj) Subpart GGGa — Equipment leaks of VOC in petroleum refineries;
- (kkk) Subpart HHH — Synthetic fiber production facilities;
- (lll) Subpart III — Volatile organic compound (VOC) emissions from the synthetic organic chemical manufacturing industry (SOCMI) air oxidation unit processes;
- (mmm) Subpart JJJ — Petroleum dry cleaners;
- (nnn) Subpart KKK — Equipment leaks of VOC from onshore natural gas processing plants;
- (ooo) Subpart LLL — Onshore natural gas processing; SO₂ emissions;
- (ppp) Subpart NNN — Volatile organic compound (VOC) emissions from synthetic organic chemical manufacturing industry (SOCMI) distillation operations;

(qqq) Subpart OOO — Nonmetallic mineral processing plants (adopted by reference for major sources only);

(rrr) Subpart PPP — Wool fiberglass insulation manufacturing plants;

(sss) Subpart QQQ — VOC emissions from petroleum refinery wastewater systems;

(ttt) Subpart RRR — Volatile organic compound emissions from synthetic organic chemical manufacturing industry (SOCMI) reactor processes;

(uuu) Subpart SSS — Magnetic tape coating facilities;

(vvv) Subpart TTT — Industrial surface coating: surface coating of plastic parts for business machines;

(www) Subpart UUU — Calciners and dryers in mineral industries;

(xxx) Subpart VVV — Polymeric coating of supporting substrates facilities;

(yyy) Subpart WWW — Municipal solid waste landfills, as clarified by OAR 340-238-0100;

(zzz) Subpart AAAA — Small municipal waste combustion units;

(aaaa) Subpart CCCC — Commercial and industrial solid waste incineration units;

(bbbb) Subpart EEEE — Other solid waste incineration units;

(cccc) Subpart IIII — Stationary compression ignition internal combustion engines (adopted only for sources required to have a Title V or ACDP permit), excluding the requirements for engine manufacturers (**40 C.F.R. 60.4201 through 60.4203, 60.4210, 60.4215, and 60.4216**);

(dddd) Subpart JJJJ — Stationary spark ignition internal combustion engines (adopted only for sources required to have a Title V or ACDP permit), excluding the requirements for engine manufacturers (**40 C.F.R. 60.4231 through 60.4232, 60.4238 through 60.4242, and 60.4247**);

(eeee) Subpart KKKK — Stationary combustion turbines;

(ffff) Subpart LLLL — Sewage sludge incineration units;

(gggg) Subpart OOOO — Crude oil and natural gas production, transmission and distribution.

Stat. Auth.: ORS 468.020

Stats. Implemented: ORS 468A.025

Hist.: DEQ 97, f. 9-2-75, ef. 9-25-75; DEQ 16-1981, f. & ef. 5-6-81; sections (1) thru (12) of this rule renumbered to 340-025-0550 thru 340-025-0605; DEQ 22-1982, f. & ef. 10-21-82; DEQ 17-1983, f. & ef. 10-19-83; DEQ 16-1984, f. & ef. 8-21-84; DEQ 15-

1985, f. & ef. 10-21-85; DEQ 19-1986, f. & ef. 11-7-86; DEQ 17-1987, f. & ef. 8-24-87; DEQ 24-1989, f. & cert. ef. 10-26-89; DEQ 17-1993, f. & cert. ef. 11-4-93; DEQ 22-1995, f. & cert. ef. 10-6-95; DEQ 27-1996, f. & cert. ef. 12-11-96; DEQ 8-1997, f. & cert. ef. 5-6-97; DEQ 22-1998, f. & cert. ef. 10-21-98; DEQ 14-1999, f. & cert. ef. 10-14-99, Renumbered from 340-025-0535; DEQ 22-2000, f. & cert. ef. 12-18-00; DEQ 4-2003, f. & cert. ef. 2-06-03; DEQ 2-2005, f. & cert. ef. 2-10-05; DEQ 2-2006, f. & cert. ef. 3-14-06; DEQ 13-2006, f. & cert. ef. 12-22-06; DEQ 15-2008, f. & cert. ef. 12-31-08; DEQ 1-2011, f. & cert. ef. 2-24-11; DEQ 4-2013, f. & cert. ef. 3-27-13; DEQ 8-2015, f. & cert. ef. 4-17-15

DIVISION 244

OREGON FEDERAL HAZARDOUS AIR POLLUTANT PROGRAM

General Provisions for Stationary Sources

340-244-0030

Definitions

The definitions in OAR 340-200-0020, 340-218-0030 and this rule apply to this division. If the same term is defined in this rule and OAR 340-200-0020 or 340-218-0030, the definition in this rule applies to this division.

- (1) "Affected source" is as defined in 40 C.F.R. 63.2.
- (2) "Annual throughput" means the amount of gasoline transferred into a gasoline dispensing facility during 12 consecutive months.
- (3) "Area Source" means any stationary source which has the potential to emit hazardous air pollutants but is not a major source of hazardous air pollutants.
- (4) "C.F.R." means the July 1, 2015 edition Code of Federal Regulations unless otherwise identified.
- (5) "Construct a major source" means to fabricate, erect, or install at any greenfield site a stationary source or group of stationary sources which is located within a contiguous area and under common control and which emits or has the potential to emit 10 tons per year of any HAPs or 25 tons per year of any combination of HAP; or to fabricate, erect, or install at any developed site a new process or production unit which in and of itself emits or has the potential to emit 10 tons per year of any HAP or 25 tons per year of any combination of HAP, unless the process or production unit satisfies criteria in paragraphs (a) through (f) of this definition:
 - (a) All HAP emitted by the process or production unit that would otherwise be controlled under the requirements of 40 C.F.R. Part 63, Subpart B will be controlled by emission control equipment which was previously installed at the same site as the process or production unit;

(b) DEQ has determined within a period of 5 years prior to the fabrication, erection, or installation of the process or production unit that the existing emission control equipment represented the best available control technology (BACT), lowest achievable emission rate (LAER) under 40 C.F.R. Part 51 or 52, toxics-best available control technology (T-BACT), or MACT based on State air toxic rules for the category of pollutants which includes those HAP to be emitted by the process or production unit; or DEQ determines that the control of HAP emissions provided by the existing equipment will be equivalent to that level of control currently achieved by other well-controlled similar sources (i.e., equivalent to the level of control that would be provided by a current BACT, LAER, T-BACT, or State air toxic rule MACT determination).

(c) DEQ determines that the percent control efficiency for emission of HAP from all sources to be controlled by the existing control equipment will be equivalent to the percent control efficiency provided by the control equipment prior to the inclusion of the new process or production unit;

(d) DEQ has provided notice and an opportunity for public comment concerning its determination that criteria in paragraphs (a), (b), and (c) of this definition apply and concerning the continued adequacy of any prior LAER, BACT, T-BACT, or State air toxic rule MACT determination;

(e) If any commenter has asserted that a prior LAER, BACT, T-BACT, or State air toxic rule MACT determination is no longer adequate, DEQ has determined that the level of control required by that prior determination remains adequate; and

(f) Any emission limitations, work practice requirements, or other terms and conditions upon which the above determinations by DEQ are predicated will be construed by DEQ as applicable requirements under section 504(a) and either have been incorporated into any existing Title V permit for the affected facility or will be incorporated into such permit upon issuance.

(6) "Dual-point vapor balance system" means a type of vapor balance system in which the storage tank is equipped with an entry port for a gasoline fill pipe and a separate exit port for a vapor connection.

(7) "Emissions Limitation" and "Emissions Standard" mean a requirement adopted by DEQ or Regional Agency, or proposed or promulgated by the Administrator of the EPA, which limits the quantity, rate, or concentration of emissions of air pollutants on a continuous basis, including any requirements which limit the level of opacity, prescribe equipment, set fuel specifications or prescribe operation or maintenance procedures for a source to assure continuous emission reduction.

(8) "Equipment leaks" means leaks from pumps, compressors, pressure relief devices, sampling connection systems, open ended valves or lines, valves, connectors, agitators, accumulator vessels, and instrumentation systems in hazardous air pollutant service.

(9) "Existing Source" means any source, the construction of which commenced prior to proposal of an applicable standard under sections 112 or 129 of the FCAA.

(10) "Facility" means all or part of any public or private building, structure, installation, equipment, or vehicle or vessel, including, but not limited to, ships.

(11) "Gasoline" means any petroleum distillate or petroleum distillate/alcohol blend having a Reid vapor pressure of 27.6 kilopascals (4.0 psi) or greater, which is used as a fuel for internal combustion engines.

(12) "Gasoline cargo tank" means a delivery tank truck or railcar which is loading or unloading gasoline, or which has loaded or unloaded gasoline on the immediately previous load.

(13) "Gasoline dispensing facility (GDF) " means any stationary facility which dispenses gasoline into the fuel tank of a motor vehicle, motor vehicle engine, nonroad vehicle, or nonroad engine, including a nonroad vehicle or nonroad engine used solely for competition. These facilities include, but are not limited to, facilities that dispense gasoline into on- and off-road, street, or highway motor vehicles, lawn equipment, boats, test engines, landscaping equipment, generators, pumps, and other gasoline fueled engines and equipment. In Clackamas, Multnomah and Washington Counties, the Medford-Ashland Air Quality Maintenance Area, and the Salem-Keizer Area Transportation Study area, "gasoline dispensing facility" includes any stationary facility which dispenses gasoline into the fuel tank of an airplane.

(14) "Hazardous Air Pollutant" (HAP) means an air pollutant listed by the EPA under section 112(b) of the FCAA or determined by the Commission to cause, or reasonably be anticipated to cause, adverse effects to human health or the environment.

(15) "Major Source" means any stationary source or group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit considering controls, in the aggregate, 10 tons per year or more of any hazardous air pollutant or 25 tons per year or more of any combination of hazardous air pollutants. The EPA may establish a lesser quantity, or in the case of radionuclides different criteria, for a major source on the basis of the potency of the air pollutant, persistence, potential for bioaccumulation, other characteristics of the air pollutant, or other relevant factors.

(16) "Maximum Achievable Control Technology (MACT)" means an emission standard applicable to major sources of hazardous air pollutants that requires the maximum degree of reduction in emissions deemed achievable for either new or existing sources.

(17) "Monthly throughput" means the total volume of gasoline that is loaded into, or dispensed from, all gasoline storage tanks at each GDF during a month. Monthly throughput is calculated by summing the volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the current day, plus the total volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the previous 364 days, and then dividing that sum by 12.

(18) "Motor vehicle" means any self-propelled vehicle designed for transporting persons or property on a street or highway.

(19) "Nonroad engine" means an internal combustion engine (including the fuel system) that is not used in a motor vehicle or a vehicle used solely for competition, or that is not subject to standards promulgated under section 7411 of this title or section 7521 of this title.

(20) "Nonroad vehicle" means a vehicle that is powered by a nonroad engine, and that is not a motor vehicle or a vehicle used solely for competition.

(21) "New Source" means a stationary source, the construction of which is commenced after proposal of a federal MACT or January 3, 1993 of this Division, whichever is earlier.

(22) "Potential to Emit" means the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation is enforceable by the EPA. This section does not alter or affect the use of this section for any other purposes under the Act, or the term "capacity factor" as used in Title IV of the Act or the regulations promulgated under it. Secondary emissions shall not be considered in determining the potential to emit of a source.

(23) "Reconstruct a Major Source" means the replacement of components at an existing process or production unit that in and of itself emits or has the potential to emit 10 tons per year of any HAP or 25 tons per year of any combination of HAP, whenever: the fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable process or production unit; and; it is technically and economically feasible for the reconstructed major source to meet the applicable maximum achievable control technology emission limitation for new sources established under 40 C.F.R. Part 63 Subpart B.

(24) "Regulated Air Pollutant" as used in this Division means:

- (a) Any pollutant listed under OAR 340-244-0040; or
- (b) Any pollutant that is subject to a standard promulgated under Section 129 of the Act.

(25) "Section 112(n)" means that subsection of the FCAA that includes requirements for the EPA to conduct studies on the hazards to public health prior to developing emissions standards for specified categories of hazardous air pollutant emission sources.

(26) "Section 112(r)" means that subsection of the FCAA that includes requirements for the EPA promulgate regulations for the prevention, detection and correction of accidental releases.

(27) "Solid Waste Incineration Unit" as used in this Division shall have the same meaning as given in Section 129(g) of the FCAA.

(28) "Stationary Source", as used in OAR 340 division 244, means any building, structure, facility, or installation which emits or may emit any regulated air pollutant;

(29) "Submerged filling" means the filling of a gasoline storage tank through a submerged fill pipe whose discharge is no more than the applicable distance specified in OAR 340-244-0240(3) from the bottom of the tank. Bottom filling of gasoline storage tanks is included in this definition.

(30) "Topping off" means, in the absence of equipment malfunction, continuing to fill a gasoline tank after the nozzle has clicked off.

(31) "Vapor balance system" means a combination of pipes and hoses that create a closed system between the vapor spaces of an unloading gasoline cargo tank and a receiving storage tank such that vapors displaced from the storage tank are transferred to the gasoline cargo tank being unloaded.

(32) "Vapor-tight" means equipment that allows no loss of vapors. Compliance with vapor-tight requirements can be determined by checking to ensure that the concentration at a potential leak source is not equal to or greater than 100 percent of the Lower Explosive Limit when measured with a combustible gas detector, calibrated with propane, at a distance of 1 inch from the source.

(33) "Vapor-tight gasoline cargo tank" means a gasoline cargo tank which has demonstrated within the 12 preceding months that it meets the annual certification test requirements in 40 C.F.R. 63.11092(f).

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 468.020 & 468A.025

Stats. Implemented: ORS 468A.040

Hist.: DEQ 13-1993, f. & cert. ef. 9-24-93; DEQ 18-1993, f. & cert. ef. 11-4-93; DEQ 24-1994, f. & cert. ef. 10-28-94; DEQ 22-1995, f. & cert. ef. 10-6-95; DEQ 26-1996, f. & cert. ef. 11-26-96; DEQ 20-1997, f. & cert. ef. 9-25-97; DEQ 18-1998, f. & cert. ef. 10-5-98; DEQ 14-1999, f. & cert. ef. 10-14-99, Renumbered from 340-032-0120; DEQ 2-2005, f. & cert. ef. 2-10-05; DEQ 2-2006, f. & cert. ef. 3-14-06; DEQ 13-2006, f. & cert. ef. 12-22-06; DEQ 15-2008, f. & cert. ef. 12-31-08; DEQ 8-2009, f. & cert. ef. 12-16-09; DEQ 1-2011, f. & cert. ef. 2-24-11; DEQ 4-2013, f. & cert. ef. 3-27-13; DEQ 8-2015, f. & cert. ef. 4-17-15



State of Oregon Department of Environmental Quality

New and Amended Standards Proposed for EQC Adoption

New and Amended NESHAPs/NSPSs Proposed for EQC Adoption							
Subpart	Source Category	EPA Promulgated		Last EPA Revision Adopted by EQC (before 7/1/2013)		Subsequent EPA Revisions Proposed for EQC Adoption	
	New EPA Standards in Bold	Date	FR Citation	Date	FR Citation	Date	FR Citation
Part 60 – NSPS							
A	General Provisions	12/23/1971	36 FR 24877	4/30/2013	78 FR 25187	4/4/2014	79 FR 18965
						2/19/2015	80 FR 8803
						2/24/2015	80 FR 9617
						3/16/2015	80 FR 13701
D	Fossil-Fuel-Fired Steam Generators	6/14/1974	39 FR 20791	2/16/2012	77 FR 9447		
Da	Electric Utility Steam Generating Units	6/11/1979	44 FR 33613	4/24/2013	78 FR 24082	11/19/2014	79 FR 68788
Db	Industrial-Commercial-Institutional Steam Generating Units	12/16/1987	52 FR 47842	2/16/2012	77 FR 9459		
Dc	Small Industrial-Commercial-Institutional Steam Generating Units	9/12/1990	55 FR 37683	2/16/2012	77 FR 9461		
E	Incinerators	12/23/1971	36 FR 24877	5/10/2006	71 FR 27335		
Ea	Municipal Waste Combustors Constructed After 12/20/89 and on or Before 9/20/94	2/11/1991	56 FR 5507	10/17/2000	65 FR 61753		
Eb	Municipal Waste Combustors Constructed After 9/20/94	12/19/1995	60 FR 65419	5/10/2006	71 FR 27335		
Ec	Hospital/Medical/Infectious Waste Incinerators Constructed After 6/20/96 or Modified After 3/16/98	9/15/1997	62 FR 48382	5/13/2013	78 FR 25187		
F	Portland Cement Plants	12/23/1971	36 FR 24877	2/12/2013	78 FR 10032		
G	Nitric Acid Plants	6/14/1974	39 FR 20794	8/14/2012	77 FR 48445		
Ga	Nitric Acid Plants Constructed, Reconstructed, or Modified After October 14, 2011	8/14/2012	77 FR 48445			5/6/2014	79 FR 25681
H	Sulfuric Acid Plants	12/23/1971	36 FR 24877	10/17/2000	65 FR 61753		
I	Hot Mix Asphalt Facilities	3/8/1974	39 FR 9314	2/14/1989	54 FR 6667		
J	Petroleum Refineries	3/8/1974	39 FR 9315	9/12/2012	77 FR 56463		
Ja	Petroleum Refineries Constructed, Reconstructed, Modified After 5/14/07	6/24/2008	73 FR 35867	9/12/2012	77 FR 56463	12/19/2013	78 FR 76756

Item K 000041

New and Amended NESHAPs/NSPSs Proposed for EQC Adoption

Subpart	Source Category	EPA Promulgated		Last EPA Revision Adopted by EQC (before 7/1/2013)		Subsequent EPA Revisions Proposed for EQC Adoption	
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	New EPA Standards in Bold						
K	Storage Vessels for Petroleum Liquids Constructed, Reconstructed, Modified After 6/11/73 and Prior to 5/19/78	3/8/1974	39 FR 9317	10/17/2000	65 FR 61755		
Ka	Storage Vessels for Petroleum Liquids Constructed, Reconstructed, Modified After 5/18/78 and Prior to 7/23/84	4/4/1980	45 FR 23379	12/14/2000	65 FR 78275		
Kb	Volatile Organic Liquid Storage Vessels Constructed After 7/23/84	4/8/1987	52 FR 11429	10/15/2003	68 FR 59332		
L	Secondary Lead Smelters	3/8/1974	39 FR 9317	10/17/2000	65 FR 61756		
M	Secondary Brass and Bronze Production Plants	3/8/1974	39 FR 9318	10/17/2000	65 FR 61756		
N	Primary Emissions from Basic Oxygen Process Furnaces Constructed After 6/11/73	3/8/1974	39 FR 9318	10/17/2000	65 FR 61756		
Na	Secondary Emissions from Basic Oxygen Process Steelmaking Furnaces Constructed After 1/20/83	1/2/86	51 FR 161	10/17/2000	65 FR 61756		
O	Sewage Treatment Plants	3/8/1974	39 FR 9319	10/17/2000	65 FR 61756		
P	Primary Copper Smelters	1/15/1976	41 FR 2338	10/17/2000	65 FR 61756		
Q	Primary Zinc Smelters	1/15/1976	41 FR 2340	2/14/1989	54 FR 6668		
R	Primary Lead Smelters	1/15/1976	41 FR 2340	2/14/1989	54 FR 6668		
S	Primary Aluminum Reduction Plants	7/25/1977	42 FR 37937	10/17/2000	65 FR 61757		
T	Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants	8/6/1975	40 FR 33154	10/17/2000	65 FR 61757		
U	Phosphate Fertilizer Industry: Superphosphoric Acid Plants	8/6/1975	40 FR 33155	10/17/2000	65 FR 61757		
V	Phosphate Fertilizer Industry: Diammonium Phosphate Plants	8/6/1975	40 FR 33155	10/17/2000	65 FR 61757		
W	Phosphate Fertilizer Industry: Triple Superphosphate Plants	8/6/1975	40 FR 33156	10/17/2000	65 FR 61757		
X	Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities	8/6/1975	40 FR 33156		65 FR 61757		
Y	Coal Preparation Plants	1/15/1976	41 FR 2234	10/8/2009	74 FR 51977		
Z	Ferroalloy Production Facilities	5/4/1976	41 FR 18501	10/17/2000	65 FR 61758		
AA	Steel Plants: Electric Arc Furnaces Constructed After 10/21/74 and on or Before 8/17/83	9/23/1975	40 FR 43852	2/22/2005	70 FR 8530		
AAa	Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After 8/7/83	10/31/1984	49 FR 43845	2/22/2005	70 FR 8532		
BB	Kraft Pulp Mills	2/23/1978	43 FR 7572	9/21/2006	71 FR 55127		
BBa	Kraft Pulp Mill Affected Sources for Which Construction, Reconstruction, or Modification Commences After May 23,	4/4/2014	79 FR 18966				

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	2013						
CC	Glass Manufacturing Plants	10/7/1980	45 FR 66751	10/17/2000	65 FR 61759		
DD	Grain Elevators	8/3/1978	43 FR 34347	10/17/2000	65 FR 61759		
EE	Surface Coating of Metal Furniture	10/29/1982	47 FR 49287	10/17/2000	65 FR 61759		
GG	Stationary Gas Turbines	9/10/1979	44 FR 52798	2/24/2006	71 FR 9457		
HH	Lime Manufacturing Plants	4/26/1984	49 FR 18080	10/17/2000	65 FR 61760		
KK	Lead-Acid Battery Manufacturing Plants	4/16/1982	47 FR 16573	10/17/2000	65 FR 61760		
LL	Metallic Mineral Processing Plants	2/21/1984	49 FR 6464	10/17/2000	65 FR 61760		
MM	Automobile and Light-Duty Truck Surface Coating Operations	12/24/1980	45 FR 85415	10/17/2000	65 FR 61760		
NN	Phosphate Rock Plants	4/16/1982	47 FR 16589	10/17/2000	65 FR 61760		
PP	Ammonium Sulfate Manufacture	11/12/1980	45 FR 74850	10/17/2000	65 FR 61760		
QQ	Graphic Arts Industry: Publication Rotogravure Printing	11/8/1982	47 FR 50649	10/17/2000	65 FR 61761		
TT	Metal Coil Surface Coating	11/1/1982	47 FR 49612	10/17/2000	65 FR 61761		
UU	Asphalt Processing and Asphalt Roofing Manufacture	8/6/1982	47 FR 34143	10/17/2000	65 FR 61762		
VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry	10/18/1983	48 FR 48335	6/2/2008	73 FR 31375		
VVa	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry	11/16/2007	72 FR 64883	6/2/2008	73 FR 31375		
WW	Beverage Can Surface Coating Industry	11/1/1982	48 FR 38737	10/17/2000	65 FR 61763		
XX	Bulk Gasoline Terminals	8/18/1983	48 FR 37590	12/19/2003	68 FR 70965		
BBB	Rubber Tire Manufacturing Industry	9/15/1987	52 FR 34874	10/17/2000	65 FR 61764		
DDD	VOC Emissions from the Polymer Manufacture Industry	12/11/1990	55 FR 51035	12/14/2000	65 FR 78278		
FFF	Flexible Vinyl and Urethane Coating and Printing	6/29/1984	49 FR 26892	10/17/2000	65 FR 61768		
GGG	Equipment Leaks of VOC in Petroleum Refineries	5/30/1984	49 FR 22606	6/2/2008	73 FR 31376		
GGGa	Equipment Leaks of VOC in Petroleum Refineries	11/16/2007	72 FR 64896	6/2/2008	73 FR 31376		
HHH	Synthetic Fiber Production Facilities	4/5/1984	49 FR 13651	10/17/2000	65 FR 61768		
III	VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry Air Oxidation Unit Processes	6/29/1990	55 FR 26922	12/14/2000	65 FR 78278		
JJJ	Petroleum Dry Cleaners	9/21/1984	49 FR 37331	10/17/2000	65 FR 61773		

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KKK	Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	6/24/1985	50 FR 26124	8/16/2012	77 FR 49542		
LLL	Onshore Natural Gas Processing; SO ₂ Emissions	10/1/1985	50 FR 40160	8/16/2012	77 FR 49542		
NNN	VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry Distillation Operations	6/29/1990	55 FR 26942	12/14/2000	65 FR 78279		
OOO	Nonmetallic Mineral Processing Plants	8/1/1985	51 FR 31337	4/28/2009	74 FR 19309		
PPP	Wool Fiberglass Insulation Manufacturing Plants	2/25/1985	50 FR 7699	10/17/2000	65 FR 61778		
QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems	11/23/1988	53 FR 47623	10/17/2000	65 FR 61778		
RRR	VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry Distillation Operations	8/31/1993	58 FR 45962	12/14/2000	65 FR 78279		
SSS	Magnetic Tape Coating Facilities	10/3/1988	53 FR 38914	2/12/1999	64 FR 7467		
TTT	Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines	1/29/1988	53 FR 2676	10/17/2000	65 FR 61778		
UUU	Calciners and Dryers in Mineral Industries	9/28/1992	57 FR 44503	10/17/2000	65 FR 61778		
VVV	Polymetric Coating of Supporting Substrates Facilities	9/11/1989	54 FR 37551				
WWW	Municipal Solid Waste Landfills built after May, 1991	3/12/1996	61 FR 9919	9/21/2006	71 FR 55127		
AAAA	Small Waste Combustion Units	12/6/2000	65 FR 76355				
CCCC	Commercial and Industrial Solid Waste Incineration Units	12/1/2000	65 FR 75350	2/7/2013	78 FR 9178		
EEEE	Other Solid Waste Incineration Units	12/16/2005	70 FR 74892	11/24/2006	71 FR 67806		
IIII	Stationary Compression Ignition Internal Combustion Engines	7/11/2006	71 FR 39172	1/30/2013	78 FR 6695		
JJJJ	Stationary Spark Ignition Internal Combustion Engines	1/18/2008	73 FR 3591	1/30/2013	78 FR 6696		
KKKK	Stationary Combustion Turbines	7/6/2006	71 FR 38497	3/20/2009	74 FR 11861		
LLLL	Sewage Sludge Incineration Units	3/21/2011	76 FR 15404	5/18/2011	76 FR 28661		
OOOO	Crude Oil and Natural Gas Production, Transmission and Distribution	9/12/2012	77 FR 49542			9/23/2013	78 FR 58435
						12/31/2014	79 FR 79036
PART 61 - NESHAP							
A	General Provisions	4/6/1973	38 FR 8826	4/30/2013	78 FR 25201	4/21/2015	80 FR 22115
B	Radon Emissions from Underground Storage Tanks	12/15/1989	54 FR 51694				
C	Beryllium	4/6/1973	38 FR 8826	11/7/1985	50 FR 46294		
D	Beryllium Rocket Motor Firing	4/6/1973	38 FR 8826	11/7/1985	50 FR 46294	Item K-000044	

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E	Mercury	4/6/1973	38 FR 8826	9/23/1988	53 FR 36972		
F	Vinyl Chloride	10/21/1976	41 FR 46564	12/23/1992	57 FR 60999		
I	Radionuclide Emissions from Federal Facilities Other than Nuclear Regulatory Commission Licensee and Not Covered by Subpart H	12/15/1989	54 FR 51697	12/30/1996	61 FR 68981		
J	Equipment Leaks (Fugitive Emission Sources) of Benzene	6/6/1984	49 FR 23513	12/14/2000	65 FR 78280		
L	Benzene Emissions from Coke By-Product Recovery Plants	9/14/1989	54 FR 38073	2/12/1999	64 FR 7467		
N	Inorganic Arsenic Emissions from Glass Manufacturing Plants	8/4/1986	51 FR 28025	2/12/1999	64 FR 7467		
O	Inorganic Arsenic Emissions from Primary Copper Smelters	8/4/1986	51 FR 28029	5/31/1990	55 FR 22027		
P	Inorganic Arsenic Emissions from Arsenic Trioxide and Metal Arsenic Facilities	8/4/1986	51 FR 28033	10/3/1986	51 FR 35355		
V	Equipment Leaks (Fugitive Emission Sources)	6/6/1984	49 FR 23513	12/14/2000	65 FR 78280		
Y	Benzene Emissions from Benzene Storage Vessels	9/14/1989	54 FR 38077	12/14/2000	65 FR 78283		
FF	Benzene Waste Operations	3/7/1990	55 FR 8346	12/4/2003	68 FR 67935		
PART 63 – NESHAP							
A	General Provisions	3/16/1994	59 FR 12430	6/20/2013	78 FR 37145	3/27/2014	79 FR 17363
						6/30/2015	80 FR 37390
F	Synthetic Organic Chemical Manufacturing Industry (SOCMI)	4/22/1994	59 FR 19454	12/21/2006	71 FR 76614		
G	SOCMI - Process Vents, Storage Vessels, Transfer Operations, and Wastewater	4/22/1994	59 FR 19468	12/22/2008	73 FR 78213		
H	SOCMI - Equipment Leaks	4/22/1994	59 FR 19568	12/22/2008	73 FR 78213		
I	Certain Processes Subject to the Negotiated Regulations for Equipment Leaks	4/22/1994	59 FR 19587	6/23/2003	68 FR 37345		
J	Polyvinyl Chloride and Copolymers Production	7/10/2002	67 FR 45892				
L	Coke Oven Batteries	10/27/1993	58 FR 57911	4/20/2006	70 FR 20456		
M	Perchloroethylene Dry Cleaning	9/22/1993	58 FR 49376	7/11/2008	73 FR 39874		
N	Hard and Decorative Chromium Electroplating and Chromium Anodizing	1/25/1995	60 FR 4963	9/19/2012	77 FR 58242	4/21/2015	80 FR 22116
O	Ethylene Oxide Sterilization	12/6/1994	59 FR 62589	12/19/2005	70 FR 75345		
Q	Industrial Process Cooling Towers	9/8/1994	59 FR 46350	4/7/2006	71 FR 17738		
R	Gasoline Distribution Facilities	12/14/1994	59 FR 64318	12/22/2008	73 FR 78213		

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S	Pulp and Paper Industry	4/15/1998	63 FR 18616	9/11/2012	77 FR 55710		
T	Halogenated Solvent Cleaning	12/2/1994	59 FR 61805	5/3/2007	72 FR 25157		
U	Group I Polymers and Resins	9/5/1996	61 FR 46924	12/22/2008	73 FR 78213		
W	Epoxy Resins Production and Non-Nylon Polyamides Production	3/8/1995	60 FR 12676	4/20/2006	70 FR 20457		
X	Secondary Lead Smelting	6/23/1995	60 FR 32594	1/5/2012	77 FR 580	1/13/2014	79 FR 371
Y	Marine Tank Loading Operations	9/15/1995	60 FR 48399	4/20/2006	70 FR 20457		
AA	Phosphoric Acid Manufacturing	6/10/1999	64 FR 31376	4/20/2006	70 FR 20457		
BB	Phosphate Fertilizer Production	6/10/1999	64 FR 31382	4/20/2006	70 FR 20457		
CC	Petroleum Refineries	8/18/1995	60 FR 43260	6/20/2013	78 FR 37145		
DD	Off-Site Waste and Recovery	7/1/1996	61 FR 34158	4/20/2006	70 FR 20457	3/18/2015	80 FR 14271
EE	Magnetic Tape Manufacturing	12/15/1994	59 FR 64596	6/23/2003	68 FR 37352		
GG	Aerospace Manufacturing and Rework	9/1/1995	60 FR 45956	4/20/2006	70 FR 20457		
HH	Oil and Natural Gas Production	6/17/1999	64 FR 32628	8/16/2012	77 FR 49568		
II	Shipbuilding and Ship Repair (Surface Coating)	12/15/1995	60 FR 64336	11/21/2011	76 FR 72068		
JJ	Wood Furniture Manufacturing	12/7/1995	60 FR 62936	6/23/2003	68 FR 37353		
KK	Printing and Publishing	5/30/1996	61 FR 27140	5/24/2006	71 FR 29799		
LL	Primary Aluminum Reduction	10/7/1997	62 FR 52407	4/20/2006	70 FR 20458		
MM	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills	1/12/2001	66 FR 3193	4/20/2006	70 FR 20458		
OO	Tanks - Level 1	7/1/1996	61 FR 34184	6/23/2003	68 FR 37354		
PP	Containers	7/1/1996	61 FR 34186	6/23/2003	68 FR 37355		
QQ	Surface Impoundments	7/1/1996	61 FR 34190	6/23/2003	68 FR 37355		
RR	Individual Drain Systems	7/1/1996	61 FR 34193	6/23/2003	68 FR 37355		
SS	Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process	6/29/1999	64 FR 34866	4/20/2006	70 FR 20458		
TT	Equipment Leaks - Control Level 1	6/29/1999	64 FR 34886	7/12/2002	67 FR 46278		
UU	Equipment Leaks - Control Level 2	6/29/1999	64 FR 34899	7/12/2002	67 FR 46279		
VV	Oil-Water Separators and Organic-Water Separators	7/1/1996	61 FR 34195	6/23/2003	68 FR 37355		
WW	Storage Vessels (Tanks) - Control Level 2	6/29/1999	64 FR 34918	7/12/2002	67 FR 46279		

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XX	Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations	7/12/2002	67 FR 46271	4/13/2005	70 FR 19271		
YY	Generic MACT	6/29/1999	64 FR 34921	6/29/2007	72 FR 125	10/8/2014	79 FR 60922
CCC	Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants	6/22/1999	64 FR 33218	4/20/2006	70 FR 20459		
DDD	Mineral Wool Production	6/1/1999	64 FR 29503	12/1/2011	76 FR 74708		
EEE	Hazardous Waste Combustors	6/19/1998	63 FR 33820	10/28/2008	73 FR 64094		
GGG	Pharmaceuticals Production	9/21/1998	63 FR 50326	12/22/2008	73 FR 78214		
HHH	Natural Gas Transmission and Storage Facilities	6/17/1999	64 FR 32647	8/16/2012	77 FR 49584		
III	Flexible Polyurethane Foam Production	10/7/1998	63 FR 53996	6/23/2003	68 FR 37357	8/15/2014	79 FR 48086
JJJ	Group IV Polymers and Resins	9/12/1996	61 FR 48229	12/22/2008	73 FR 78214	3/27/2014	79 FR 17363
LLL	Portland Cement Manufacturing	6/14/1999	64 FR 31925	2/12/2013	78 FR 10036		
MMM	Pesticide Active Ingredient Production	6/23/1999	64 FR 33589	4/20/2006	70 CFR 20460	3/27/2014	79 FR 17371
NNN	Wool Fiberglass Manufacturing	6/14/1999	64 FR 31708	4/20/2006	70 CFR 20460		
OOO	Manufacture of Amino/Phenolic Resins	1/20/2000	65 FR 3290	4/20/2006	70 CFR 20460	10/8/2014	79 FR 60929
PPP	Polyether Polyols Production	6/1/1999	64 FR 29439	4/20/2006	70 FR 20461	3/27/2015	79 FR 17376
QQQ	Primary Copper	6/12/2002	67 FR 40491	4/20/2006	71 FR 20461		
RRR	Secondary Aluminum Production	3/23/2000	65 FR 15689	4/20/2006	71 FR 20461		
TTT	Primary Lead Smelting	6/4/1999	64 FR 30204	11/15/2011	76 FR 70852		
UUU	Petroleum Refineries-Catalytic Cracking, Catalytic Reforming & Sulfur Recovery	4/11/2002	67 FR 17773	4/20/2006	71 FR 20462		
VVV	Publicly Owned Treatment Works	10/26/1999	64 FR 57579	12/22/2008	73 FR 78215		
XXX	Ferroalloys Production: Ferromanganese and Silicomanganese	5/20/1999	64 FR 27458	4/20/2006	71 FR 20462	6/30/2015	40 CFR 37390
AAAA	Municipal Solid Waste Landfills	1/16/2003	68 FR 2238	4/20/2006	71 FR 20462		
CCCC	Manufacturing Nutritional Yeast	5/21/2001	66 FR 27884	4/20/2006	71 FR 20462		
DDDD	Plywood and Composite Wood Products	7/30/2004	69 FR 46011	10/29/2007	72 FR 61062		
EEEE	Organic Liquids Distribution (non-gasoline)	2/3/2004	69 FR 5063	12/22/2008	73 FR 78215		
FFFF	Misc. Organic Chemical Production and Processes (MON)	11/10/2003	68 FR 63888	12/22/2008	73 FR 78216		
GGGG	Solvent Extraction for Vegetable Oil Production	4/12/2001	66 FR 19011	4/20/2006	71 FR 20463		

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HHHH	Wet Formed Fiberglass Mat Production	4/11/2002	67 FR 17835	4/20/2006	71 FR 20464		
IIII	Auto and Light Duty Trucks (Surface Coating	4/26/2004	69 FR 22623	4/24/2007	72 FR 20233		
JJJJ	Paper & Other Web (Surface Coating)	12/4/2002	67 FR 72341	5/24/2006	71 FR 29805		
KKKK	Metal Can (Surface Coating)	11/23/2003	68 FR 64446	4/20/2006	71 FR 20465		
MMMM	Misc. Metal Parts and Products (Surface Coating)	1/2/2004	69 FR 157	12/22/2006	71 FR 76927		
NNNN	Large Appliances (Surface Coating)	7/23/2002	67 FR 48262	4/20/2006	71 FR 20465		
OOOO	Fabric Printing, Coating and Drying	5/29/2003	68 FR 32189	5/24/2006	71 FR 29805		
PPPP	Plastic Parts (Surface Coating)	4/19/2004	69 FR 20990	4/24/2007	72 FR 20237		
QQQQ	Wood Building Products (Surface Coating)	5/28/2003	68 FR 31760	4/20/2006	71 FR 20465		
RRRR	Metal Furniture (Surface Coating)	5/23/2003	68 FR 28619	4/20/2006	71 FR 20466		
SSSS	Metal Coil	6/10/2002	67 FR 39812	3/17/2003	68 FR 12592		
TTTT	Leather Finishing Operations	2/27/2002	67 FR 9162	2/7/2005	70 FR 6360		
UUUU	Cellulose Production Manufacturing	6/11/2002	67 FR 40055	12/22/2008	73 FR 78213		
VVVV	Boat Manufacturing	8/22/2001	66 FR 44232	10/3/2001	66 FR 50504		
WWWW	Reinforced Plastics Composites Production	4/21/2003	68 FR 19402	4/20/2006	71 FR 20466		
XXXX	Tire Manufacturing	7/9/2002	67 FR 45598	4/20/2006	71 FR 20466		
YYYY	Combustion Turbines	3/5/2004	69 FR 10537	4/20/2006	71 FR 20467		
ZZZZ	Stationary Reciprocating Internal Combustion Engines	6/15/2004	69 FR 33506	3/6/2013	78 FR 14457		
AAAAA	Lime Manufacturing	1/5/2004	69 FR 416	4/20/2006	71 FR 20467		
BBBBB	Semiconductor Manufacturing	5/22/2003	68 FR 27925	7/22/2008	73 FR 42532		
CCCCC	Coke Oven: Pushing, Quenching & Battery Stacks	4/14/2003	68 FR 18025	4/20/2006	71 FR 20467		
DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters	3/21/11	76 FR 15664	1/31/2013	78 FR 7162		
EEEEEE	Iron and Steel Foundries	4/22/2004	69 FR 21923	2/7/2008	73 FR 7218		
FFFFFF	Integrated Iron & Steel	5/20/2003	68 FR 27663	7/13/2006	71 FR 39585		
GGGGG	Site Remediation	10/8/2003	68 FR 58190	12/22/2008	73 FR 78216		
HHHHH	Misc. Coating Manufacturing	12/11/2003	68 FR 69185	12/22/2008	73 FR 78217		
IIIII	Mercury Cell Chlor-Alkali Plants	12/19/2003	68 FR 70928	4/20/2006	71 FR 20469		

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JJJJ	Brick and Structural Clay Products Manufacturing	5/16/2003	68 FR 26722	6/23/2006	71 FR 36014		
KKKKK	Clay Ceramics Manufacturing	5/16/2003	68 FR 26738	6/23/2006	71 FR 36014		
LLLLL	Asphalt Processing & Asphalt Roofing Manufacturing	4/29/2003	68 FR 22991	4/20/2006	71 FR 20649		
MMMMM	Flexible Polyurethane Foam Fabrication Operations	4/14/2003	68 FR 18070	4/20/2006	71 FR 20470		
NNNNN	Hydrochloric Acid Production	4/17/2003	68 FR 19090	4/20/2006	71 FR 20470		
PPPPP	Engine Test Cells/Stands	5/27/2003	68 FR 28785	4/20/2006	71 FR 20470		
QQQQQ	Friction Products Manufacturing	10/18/2002	67 FR 64507	4/20/2006	71 FR 20470		
RRRRR	Taconite Iron Ore Processing	10/30/2003	68 FR 61888	4/20/2006	71 FR 20470		
SSSSS	Refractories Products Manufacturing	4/16/2003	68 FR 18747	4/20/2006	71 FR 20471		
TTTTT	Primary Magnesium Refining	10/10/2003	68 FR 58620	4/20/2006	71 FR 20471		
UUUUU	Coal- and Oil-Fired Electric Utility Steam Generating Units	2/16/2012	77 FR 9464	4/24/2013	78 FR 24084	11/19/2014	79 FR 58799
						11/19/2014	79 FR 68788
						3/24/2015	80 FR 15514
WWWWW	Area Sources: Hospital Ethylene Oxide Sterilizers	12/28/2007	72 FR 73623				
YYYYY	Area Sources: Electric Arc Furnace Steelmaking Facilities	12/28/2007	72 FR 74111	2/26/2009	74 FR 8756	6/24/2015	80 FR 36247
ZZZZZ	Area Sources: Iron and Steel Foundries	1/20/2008	73 FR 252				
BBBBBB	Area Sources: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	1/10/2008	73 FR 1934	1/24/2011	76 FR 4176		
DDDDDD	Area Sources: Polyvinyl Chloride and Copolymers Production	1/23/2007	72 FR 2943	4/17/2012	77 FR 22904	2/4/2015	80 FR 5940
EEEEEE	Area Sources: Primary Copper Smelting	1/23/2007	72 FR 2944	7/3/2007	72 FR 36367		
FFFFFF	Area Sources: Secondary Copper Smelting	1/23/2007	72 FR 2952	7/3/2007	72 FR 36367		
JJJJJ	Area Sources: Industrial, Commercial, and Institutional Boilers	3/21/11	76 FR 15591	2/1/2013	78 FR 7506		
LLLLL	Area Sources: Acrylic and Modacrylic Fibers Production	7/16/2007	72 FR 38899	3/26/2008	73 FR 15928		
MMMMM	Area Sources: Carbon Black Production	7/16/2007	72 FR 38904	3/26/2008	73 FR 15928		
NNNNN	Area Sources: Chemical Manufacturing: Chromium Compounds	7/16/2007	72 FR 38905	3/26/2008	73 FR 15928		
OOOOO	Area Sources: Flexible Polyurethane Production and Fabrication	7/16/2007	72 FR 38910	3/26/2008	73 FR 15928		
PPPPP	Area Sources: Lead Acid Battery Manufacturing	7/16/2007	72 FR 38913	3/26/2008	73 FR 15929		
QQQQQ	Area Sources: Wood Preserving	7/16/2007	72 FR 38915	3/26/2008	73 FR 15929		

New and Amended NESHAPs/NSPSs Proposed for EQC Adoption

Subpart	Source Category	EPA Promulgated		Last EPA Revision Adopted by EQC (before 7/1/2013)		Subsequent EPA Revisions Proposed for EQC Adoption	
		Date	FR Citation	Date	FR Citation	Date	FR Citation
RRRRRR	Area Sources: Clay Ceramics Manufacturing	12/26/2007	72 FR 73197				
SSSSSS	Area Sources: Glass Manufacturing	12/26/2007	72 FR 73201				
TTTTTT	Area Sources: Secondary Nonferrous Metals Processing	12/26/2007	72 FR 73207				
VVVVVV	Area Sources: Chemical Manufacturing	10/29/2009	74 FR 56041	12/21/2012	77 FR 75756		
WWWWWW	Area Sources: Plating and Polishing Operations	7/1/2008	73 FR 37741	9/19/2011	76 FR 57919		
XXXXXX	Area Sources: Nine Metal Fabrication and Finishing	7/23/2008	73 FR 43000				
YYYYYY	Area Sources: Ferroalloys Production	12/23/2008	73 FR 78644				
ZZZZZZ	Area Sources: Aluminum, Copper, and Other Nonferrous Foundries	6/25/2009	74 FR 30393	9/10/2009	74 FR 46495		
AAAAAA	Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing	12/2/2009	74 FR 63260	3/18/2010	75 FR 12989		
BBBBBB	Area Sources: Chemical Preparations	12/30/2009	74 FR 69208				
CCCCCC	Area Sources: Paints and Allied Products Manufacturing	12/3/2009	74 FR 63525	6/3/2010	75 FR 31320		
DDDDDD	Area Sources: Prepared Feeds Manufacturing	1/5/2010	75 FR 546	12/23/2011	76 FR 80265		
EEEEEE	Area Sources: Gold Mine Ore Processing and Production	2/17/2011	76 FR 9480				
HHHHHH	Polyvinyl Chloride and Copolymers Production	4/17/2012	77 FR 22907				