**OAR 340-216-0020**

**AIR CONTAMINANT DISCHARGE PERMITS**

**Table 1**

**The following source categories must obtain a permit. More than one source category in Table 1 may apply to a source. If more than one source category in Table 1 applies to a source, the highest level of permit specified in Part A, B, or C is required.**

**Part A: Activities and Sources**

The following commercial and industrial sources must obtain a Basic ACDP under the procedures set forth in 340-216-0056 unless the source is required to obtain a different form of ACDP by Part B or C hereof: (Production and emission parameters are based on the latest consecutive 12 month period, or future projected operation, whichever is higher. Emission cutoffs are based on actual emissions.)

1. \*\* Autobody Repair or Painting Shops painting more than 25 automobiles in a year.

2. Concrete Manufacturing including Redimix and CTB more than 5,000 but less than 25,000 cubic yards per year output.

3. Crematory and Pathological Waste Incinerators with less than 20 tons/yr. material input.

4. Natural gas and propane fired boilers (with or without #2 diesel oil back-up\*\*\*\*) of 10 or more MMBTU but less than 30 MMBTU/hr heat input constructed after June 9, 1989.

5. Prepared feeds for animals and fowl and associated grain elevators more than 1,000 tons/yr. but less than 10,000 tons per year throughput.

6. Rock, Concrete or Asphalt Crushing both portable and stationary more than 5,000 tons/yr. but less than 25,000 tons/yr. crushed.

7. Surface coating operations whose actual or expected usage of coating materials is greater than 250 gallons per month, excluding sources that exclusively use non-VOC and non-HAP containing coatings (e.g. powder coating operations).

**Part B Activities and Sources**

The following commercial and industrial sources must obtain either:

• a General ACDP, if one is available for the source classification and the source qualifies for a General ACDP under the procedures set forth in 340-216-0060;

• a Simple ACDP under the procedures set forth in 340-216-0064; or

• a Standard ACDP under the procedures set forth in 340-216-0066 if the source fits one of the criteria of Part C hereof.

1. \*\*\*Aerospace or Aerospace Parts Manufacturing subject to RACT as regulated by division 232

2. Aluminum, Copper, and Other Nonferrous Foundries subject to an Area Source NESHAP

3. Aluminum Production - Primary

4. Ammonia Manufacturing

5. Animal Rendering and Animal Reduction Facilities

6. Asphalt Blowing Plants

7. Asphalt Felts or Coating Manufacturing

8. Asphaltic Concrete Paving Plants both stationary and portable

9. Bakeries, Commercial over 10 tons of VOC emissions per year

10. Battery Separator Manufacturing

11. Lead-Acid Battery Manufacturing and Re-manufacturing

12. Beet Sugar Manufacturing

13. Boilers equal to or greater than 10 MMBTU/hour heat input each, except exclusively Natural Gas and Propane fired boilers (with or without #2 diesel backup) less than 30 MMBTU/hour each.

14. Building Paper and Buildingboard Mills

15. Calcium Carbide Manufacturing

16. \*\*\* Can or Drum Coating subject to RACT as regulated by division 232

17. Cement Manufacturing

18. \* Cereal Preparations and Associated Grain Elevators 10,000 or more tons/yr. throughput

19. Charcoal Manufacturing

20. Chlorine and Alkali Manufacturing

21. Chrome Plating and Anodizing subject to a NESHAP

22. Clay Ceramics Manufacturing subject to an Area Source NESHAP

23. Coffee Roasting (roasting 30 or more tons per year)

24. Concrete Manufacturing including Redimix and CTB 25,000 or more cubic yards per year output

25. Crematory and Pathological Waste Incinerators 20 or more tons/yr. material input

26. Degreasers (halogenated solvents subject to a NESHAP)

27. Stationary Electrical Power Generation from combustion, with a combined electrical output of 500 horsepower or more, excluding emergency generators and firewater pumps

28. Stationary emergency generators and firewater pumps that meet either of the following criteria:

a. any individual emergency generator or firewater pump rated at 500 horsepower or more; or

b. combined potential plant site emissions of any criteria pollutant greater than 10 tons per year based on a minimum of 100 hours of operation per year for each emergency generator or firewater pump

29. Stationary reciprocating internal combustion engines used to power pump or compressors less than 500 horsepower, excluding emergency generators and firewater pumps.

2. Commercial Ethylene Oxide Sterilization, excluding facilities using less than 1 ton of ethylene oxide within all consecutive 12-month periods after December 6, 1996

30. Ferroalloy Production Facilities subject to an Area Source NESHAP

30. \*\*\* Flatwood Coating regulated by Division 232

31. \*\*\* Flexographic or Rotogravure Printing subject to RACT as regulated by division 232

32. \* Flour, Blended and/or Prepared and Associated Grain Elevators 10,000 or more tons/yr. throughput

33. Galvanizing and Pipe Coating (except galvanizing operations that use less than 100 tons of zinc/yr.)

34. Bulk Gasoline Plants, Bulk Gasoline Terminals, and Pipeline Facilities

35. Gasoline dispensing facilities, excluding gasoline dispensing facilities with monthly throughput of less than 10,000 gallons of gasoline per month\*\*\*\*\*

36. Glass and Glass Container Manufacturing

37. Grain Elevators used for intermediate storage 10,000 or more tons/yr. throughput

39. Gray iron and steel foundries, malleable iron foundries, steel investment foundries, steel foundries 100 or more tons/yr. metal charged (not elsewhere identified)

40. Gypsum Products Manufacturing

41. Hardboard Manufacturing (including fiberboard)42. Hospital sterilization operations subject to an Area Source NESHAP

43. Incinerators with two or more ton per day capacity

44. Lime Manufacturing

45. \*\*\* Liquid Storage Tanks subject to RACT as regulated by division 232

46. Magnetic Tape Manufacturing

47. Manufactured and Mobile Home Manufacturing

48. \*\*\*Marine Vessel Petroleum Loading and Unloading subject to RACT as regulated by division 232

49. Metal Fabrication and Finishing Operations subject to an Area Source NESHAP, excluding facilities that meet all the following:

a. Do not perform any of the operations listed in OAR 340-216-0060(2)(b)(Y)(i) through (iii);

b. Do not perform shielded metal arc welding (SMAW) using metal fabrication and finishing hazardous air pollutant (MFHAP) containing wire or rod; and

c. Use less than 100 pounds of MFHAP containing welding wire and rod per year

50. Millwork Manufacturing (including kitchen cabinets and structural wood members) 25,000 or more bd. ft./maximum 8 hr. input

51. Molded Container Manufacturing

52. Motor Coach Manufacturing

53. Motor Vehicle and Mobile Equipment Surface Coating Operations subject to an Area Source NESHAP, excluding motor vehicle surface coating operations painting less than 10 vehicles per year or using less than 20 gallons of coating and 20 gallons of methylene chloride containing paint stripper per year, mobile equipment surface coating operations using less than 20 gallons of coating and 20 gallons of methylene chloride containing paint stripper per year, and motor vehicle surface coating operations registered pursuant to OAR 340-210-0100(2)

54. Natural Gas and Oil Production and Processing and associated fuel burning equipment

55. Nitric Acid Manufacturing

56. Non-Ferrous Metal Foundries 100 or more tons/yr. of metal charged

57. Organic or Inorganic Chemical Manufacturing and Distribution with ½ or more tons per year emissions of any one criteria pollutant (sources in this category with less than ½ ton/yr. of each criteria pollutant are not required to have an ACDP)

58. Paint and Allied Products Manufacturing subject to an Area Source NESHAP

59. Paint Stripping and Miscellaneous Surface Coating Operations subject to an Area Source NESHAP, excluding paint stripping and miscellaneous surface coating operations using less than 20 gallons of coating and 20 gallons of methylene chloride containing paint stripper per year

60. \*\*\* Paper or other Substrate Coating subject to RACT as regulated by division 232

61. Particleboard Manufacturing (including strandboard, flakeboard, and waferboard)

62. Perchloroethylene Dry Cleaning Operations subject to an Area Source NESHAP, excluding perchloroethylene dry cleaning operations registered pursuant to OAR 340-210-0100(2)

63. Pesticide Manufacturing 5,000 or more tons/yr. annual production

64. Petroleum Refining and Re-refining of Lubricating Oils and Greases including Asphalt Production by Distillation and the reprocessing of oils and/or solvents for fuels

65. Plating and Polishing Operations subject to an Area Source NESHAP

66. Plywood Manufacturing and/or Veneer Drying

67. Prepared Feeds Manufacturing for animals and fowl and associated grain elevators 10,000 or more tons per year throughput

68. Primary Smelting and/or Refining of Ferrous and Non-Ferrous Metals

69. Pulp, Paper and Paperboard Mills

70. Rock, Concrete or Asphalt Crushing both portable and stationary 25,000 or more tons/yr. crushed

71. Sawmills and/or Planing Mills 25,000 or more bd. ft./maximum 8 hr. finished product

72. Secondary Nonferrous Metals Processing subject to an Area Source NESHAP

73. Secondary Smelting and/or Refining of Ferrous and Non-Ferrous Metals

74. \* Seed Cleaning and Associated Grain Elevators 5,000 or more tons/yr. throughput

75. Sewage Treatment Facilities employing internal combustion engines or flares for digester gasses

76. Soil Remediation Facilities (stationary or portable) using thermal desorption, and not exempted under ORS 465.315(3) or not under a DEQ oversight through a cleanup agreement

77. Steel Works, Rolling and Finishing Mills

78. \*\*\* Surface Coating in Manufacturing subject to RACT as regulated by division 232

79. Surface Coating Operations with actual emissions of VOCs before add on controls of 10 or more tons/yr.

80. Synthetic Resin Manufacturing

81. Tire Manufacturing

82. Wood Furniture and Fixtures 25,000 or more bd. ft./maximum 8 hr. input

83. Wood Preserving (excluding waterborne)

84. All Other Sources not listed herein that DEQ determines an air quality concern exists or one which would emit significant malodorous emissions

85. All Other Sources not listed herein which would have actual emissions, if the source were to operate uncontrolled, of 5 or more tons a year of PM10 if located in a PM10 non-attainment or maintenance area, or 10 or more tons of any single criteria pollutant in any part of the state

**Part C: Activities and Sources**

**[Note: More than one category in Table 1 may apply to a source.]**

The following sources must obtain a Standard ACDP under the procedures set forth in 340-

216-0066:

1. Incinerators for PCBs and / or other hazardous wastes

2. All Sources that DEQ determines have emissions that constitute a nuisance

3. All Sources electing to maintain the source’s netting basis

4. All Sources subject to a RACT, BACT, LAER, NESHAP adopted in OAR 340-244-0220, NSPS adopted in OAR 340-238-0060, State MACT, or other significant Air Quality regulation(s), except:

a. Source categories for which a General ACDP has been issued.

b. Sources with emissions less than the significant emission rate for any applicable pollutant that are subject to RACT, an NSPS adopted in OAR 340-238-0060 or a NESHAP adopted in OAR 340-244-0220, and which qualify for a Simple ACDP.

c. Sources registered pursuant to OAR 340-210-0100(2).

d. Stationary electrical power generation units used exclusively as emergency generators and units less than 500 horsepower.

e. Stationary reciprocating internal combustion engines used to power pump or compressors less than 500 horsepower.

e. Gasoline dispensing facilities, provided the gasoline dispensing facility has monthly throughput of less than 10,000 gallons of gasoline per month

f. Motor vehicle surface coating operations painting less than 10 vehicles per year or using less than 20 gallons of coating and 20 gallons of methylene chloride containing paint stripper per year, mobile equipment surface coating operations using less than 20 gallons of coating and 20 gallons of methylene chloride containing paint stripper per year, and motor vehicle surface coating operations registered pursuant to OAR 340-210-0100(2).

g. Paint stripping and miscellaneous surface coating operations using less than 20 gallons of coating and 20 gallons of methylene chloride containing paint stripper per year

h. Commercial ethylene oxide sterilization operations using less than 1 ton of ethylene oxide within all consecutive 12-month periods after December 6, 1996.

i. Metal fabrication and finishing operations that meet all the following:

A. Do not perform any of the operations listed in OAR 340-216-0060(2)(b)(Y)(i) through (iii);

B. Do not perform shielded metal arc welding (SMAW) using metal fabrication and finishing hazardous air pollutant (MFHAP) containing wire or rod; and

C. Use less than 100 pounds of MFHAP containing welding wire and rod per year.

j. Chemical manufacturing facilities that do not transfer liquids containing organic HAP listed in Table 1 of 40 CFR part 63 subpart VVVVVV to tank trucks or railcars and are not subject to emission limits in Table 2, 3, 4, 5, 6, or 8 of 40 CFR part 63 subpart VVVVVV.

k. Prepared feeds manufacturing facilities with less than 10,000 tons per year throughput.

l.   Boilers and other fuel burning equipment less than or equal to 10 MMBTU/hr. heat input.

5. All sources having the potential to emit more than 100,000 tons CO2e of GHG emissions in a year.

6. All Sources having the potential to emit more than 100 tons of any regulated air pollutant in a year

7. All Sources having the potential to emit more than 10 tons of a single hazardous air pollutant in a year

8. All Sources having the potential toeEmit more than 25 tons of all hazardous air pollutants combined in a year

**Notes:**

\* Applies only to Special Control Areas

\*\* Portland AQMA only

\*\*\* Portland AQMA, Medford-Ashland AQMA or Salem SKATS only

\*\*\*\* “back-up” means less than 10,000 gallons of fuel per year

\*\*\*\*\* “monthly throughput” means the total volume of gasoline that is loaded into, or dispensed from, all gasoline storage tanks at the gasoline dispensing facility during a month. Monthly throughput is calculated by summing the volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at the gasoline dispensing facility during the month, plus the total volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at the gasoline dispensing facility during the previous 11 months, and then dividing that sum by 12