

~~TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS FOR
STATIONARY SOURCES~~

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DEFINITIONS AND GENERAL PROVISIONS~~

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211.APPENDIX A — Rule into Section Table

211.APPENDIX B — Section into Rule Table

AUTHORITY: Implementing Sections 9, 9.1, 9.9 and 10 and authorized by Sections 27 of the Environmental Protection Act [415 ILCS 5/9, 9.1, 9.9, 10, 27].

SOURCE: Adopted as Chapter 2: Air Pollution, Rule 201: Definitions, R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R74-2 and R75-5, 32 PCB 295, at 3 Ill. Reg. 5, p. 777, effective February 3, 1979; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill. Reg. 30, p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January 21, 1983; codified at 7 Ill. Reg. 13590; amended in R82-1 (Docket A) at 10 Ill. Reg. 12624, effective July 7, 1986; amended in R85-21(A) at 11 Ill. Reg. 11747, effective June 29, 1987; amended in R86-34 at 11 Ill. Reg. 12267, effective July 10, 1987; amended in R86-39 at 11 Ill. Reg. 20804, effective December 14, 1987; amended in R82-14 and R86-37 at 12 Ill. Reg. 787, effective December 24, 1987; amended in R86-18 at 12 Ill. Reg. 7284, effective April 8, 1988; amended in R86-10 at 12 Ill. Reg. 7621, effective April 11, 1988; amended in R88-23 at 13 Ill. Reg. 10862, effective June 27, 1989; amended in R89-8 at 13 Ill. Reg. 17457, effective January 1, 1990; amended in R89-16(A) at 14 Ill. Reg. 9141, effective May 23, 1990; amended in R88-30(B) at 15 Ill. Reg. 5223, effective March 28, 1991; amended in R88-14 at 15 Ill. Reg. 7901, effective May 14, 1991; amended in R91-10 at 15 Ill. Reg. 15564, effective October 11, 1991; amended in R91-6 at 15 Ill. Reg. 15673, effective October 14, 1991; amended in R91-22 at 16 Ill. Reg. 7656, effective May 1, 1992; amended in R91-24 at 16 Ill. Reg. 13526, effective August 24, 1992; amended in R93-9 at 17 Ill. Reg. 16504, effective September 27, 1993; amended in R93-11 at 17 Ill. Reg. 21471, effective December 7, 1993; amended in R93-14 at 18 Ill. Reg. 1253, effective January 18, 1994; amended in R94-12 at 18 Ill. Reg. 14962, effective September 21, 1994; amended in R94-14 at 18 Ill. Reg. 15744, effective October 17, 1994; amended in R94-15 at 18 Ill. Reg. 16379, effective October 25, 1994; amended in R94-16 at 18 Ill. Reg. 16929, effective November 15, 1994; amended in R94-21, R94-31 and R94-32 at 19 Ill. Reg. 6823, effective May 9, 1995; amended in R94-33 at 19 Ill. Reg. 7344, effective May 22, 1995; amended in R95-2 at 19 Ill. Reg. 11066, effective July 12, 1995; amended in R95-16 at 19 Ill. Reg. 15176, effective October 19, 1995; amended in R96-5 at 20 Ill. Reg. 7590, effective May 22, 1996; amended in R96-16 at 21 Ill. Reg. 2641, effective February 7, 1997; amended in R97-17 at 21 Ill. Reg. 6489, effective May 16, 1997; amended in R97-24 at 21 Ill. Reg. 7695, effective June 9, 1997;

amended in R96-17 at 21 Ill. Reg. 7856, effective June 17, 1997; amended in R97-31 at 22 Ill. Reg. 3497, effective February 2, 1998; amended in R98-17 at 22 Ill. Reg. 11405, effective June 22, 1998; amended in R01-9 at 25 Ill. Reg. 108, effective December 26, 2000; amended in R01-11 at 25 Ill. Reg. 4582, effective March 15, 2001; amended in R01-17 at 25 Ill. Reg. 5900, effective April 17, 2001; amended in R05-16 at 29 Ill. Reg. 8181, effective May 23, 2005; amended in R05-11 at 29 Ill. Reg. 8892, effective June 13, 2005; amended in R04-12/20 at 30 Ill. Reg. 9654, effective May 15, 2006; amended in R07-18 at 31 Ill. Reg. 14254, effective September 25, 2007; amended in R08-6 at 32 Ill. Reg. 1387, effective January 16, 2008; amended in R07-19 at 33 Ill. Reg. 11982, effective August 6, 2009; amended in R08-19 at 33 Ill. Reg. 13326, effective August 31, 2009; amended in R10-7 at 34 Ill. Reg. 1391, effective January 11, 2010; amended in R10-8 at 34 Ill. Reg. 9069, effective June 25, 2010; amended in R10-20 at 34 Ill. Reg. 14119, effective September 14, 2010; amended in R11-23 at 35 Ill. Reg. 13451, effective July 27, 2011; amended in R12-24 at 37 Ill. Reg. 1662, effective January 28, 2013; amended in R13-1 at 37 Ill. Reg. 1913, effective February 4, 2013; amended in R14-7 at 37 Ill. Reg. 19824, effective November 27, 2013; amended in R14-17 at 38 Ill. Reg. 12876, effective June 9, 2014.

SUBPART A: GENERAL PROVISIONS

Section 211.101 Incorporations by Reference

The following materials are incorporated by reference. These incorporations do not include any later amendments or editions.

a) Incorporations by Reference

- 1) "Evaporation Loss from Floating Roof Tanks," American Petroleum Institute Bulletin 2517 (1962)
- 2) Standard Industrial Classification Manual, Superintendent of Documents, Washington, D.C. 20402 (1972)
- 3) American Society for Testing and Materials, 100 Barr Harbor Dr., West Conshohocken PA 19428-2959

ASTM	D 86
ASTM	D 240-64
ASTM	D 323-08
ASTM	D 369-69 (1971)
ASTM	D 396-69
ASTM	D 523-80
ASTM	D 523-89
ASTM	D 900-55
ASTM	D 975-68

ASTM D 1826-64
ASTM D 2015-66
ASTM D 2880-71

- 4) 40 CFR 51.100 (1987)
- 5) American Architectural Manufacturers Association, 1827 Walden Office Square, Suite 550, Schaumburg, IL 60173-4268, Specification 2604-05 (Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels) (2005)
- 6) American Architectural Manufacturers Association, 1827 Walden Office Square, Suite 550, Schaumburg, IL 60173-4268, Specification 2605-05 (Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels) (2005)

- b) Referenced Materials
Federal Insecticide, Fungicide, and Rodenticide Act (7 USC 136)

(Source: Amended at 37 Ill. Reg. 1662, effective January 28, 2013)

~~Section 211.102 — Abbreviations and Conversion Factors~~

- ~~a) — Abbreviations used in this part include the following:~~

ABS	acrylonitrile-butadiene-styrene
ASTM	American Society for Testing and Materials
bbbl	barrels (42 gallons)
btu	British thermal units (60°F)
btu/hr	btu per hour
°C	degrees Celsius or Centigrade
CAAPP	Clean Air Act Permit Program
cm	centimeters
cu in	cubic inches
EDP	electrodeposition primer
EMI/RFI	electromagnetic interference/radio frequency interference
EPDM	ethylene-propylenediene monomer
EGU	Electrical Generating Unit
°F	degrees Fahrenheit
FIP	Federal Implementation Plan

ft	feet
ft ²	square feet
ft ³	cubic feet
g	grams
gpm	gallons per minute
g/mole	grams per mole
gal	gallons
hp	horsepower
hr	hours
in	inch
°K	degrees Kelvin
kcal	kilocalories
kg	kilograms
kg/hr	kilograms per hour
kPa	kilopascals; one thousand newtons per square meter
kW	kilowatt
l	liters
l/sec	liters per second
lbs	pounds
lbs/day	pounds per day
lbs/hr	pounds per hour
lbs/gal	pounds per gallon
lbs/yr	pounds per year
LEL	lower explosive limit
m	meters
m ²	square meters
m ³	cubic meters
mg	milligrams
Mg	Megagrams, metric tons or tonnes
ml	milliliters
min	minutes
MJ	megajoules
mmbtu	million British thermal units
mmbtu/hr	million British thermal units per hour
mmHg	millimeters of mercury
MTE	maximum theoretical emissions
Mwe	megawatt of electricity
MW	megawatt; one million watts
MW-hr	megawatt per hour
NDO	natural draft opening
NO _x	nitrogen oxides
peec	potential electrical output capacity
ppm (vol)	parts per million

ppmv	parts per million by volume
ppmvd	parts per million by volume dry
psi	pounds per square inch
psia	pounds per square inch absolute
psig	pounds per square inch gauge
PTE	potential to emit
RACT	reasonably available control technology
R _T	solids turnover ratio
scf	standard cubic feet
sem	standard cubic meters
sec	seconds
SIP	State Implementation Plan
TTE	temporary total enclosure
sq cm	square centimeters
sq in	square inches
T	short ton (2,000 lbs)
ton	short ton (2,000 lbs)
TPY	tons per year
USEPA	United States Environmental Protection Agency
VOC	volatile organic compounds
VOL	volatile organic liquids
VOM	volatile organic materials

b) — The following conversion factors have been used in this part:

English	Metric
1 gal	3.785 l
1,000 gal	3,785 l or 3.785 m ³
1 psia	6.897 kPA (51.71 mmHg)
2.205 lbs	1 kg
32°	0°C (273.15°K)
1 bbl	159.0 l
1 cu in	16.39 ml
1 lb/gal	119,800 mg/l
1 lb/mmbtu	1.548 kg/MW-hr
1 lb/T	0.500 kg/Mg
1 ton	0.907 Mg
1 T	0.907 Mg
mmbtu/hr	0.293 MW

(Source: Amended at R10-20 at 34 Ill. Reg. 14119, effective September 14, 2010.)

SUBPART B: DEFINITIONS

~~Section 211.121 — Other Definitions~~

~~All terms defined in 35 Ill. Adm. Code 201 which appear in 35 Ill. Adm. Code 211 through 219 have the definitions specified by 35 Ill. Adm. Code 201.102. Otherwise the definitions in this Part shall apply.~~

~~(Source: Amended at 17 Ill. Reg. 16504, effective September 27, 1993)~~

~~Section 211.122 — Definitions (Repealed)~~

~~(Source: Repealed at 17 Ill. Reg. 16504, effective September 27, 1993)~~

~~Section 211.130 — Accelacota~~

~~"Accelacota" means a pharmaceutical coating operation which consists of a horizontally rotating perforated drum in which tablets are placed, a coating is applied by spraying, and the coating is dried by the flow of air across the drum through the perforations.~~

~~(Source: Added at 17 Ill. Reg. 16504, effective September 27, 1993)~~

~~Section 211.150 — Accumulator~~

~~"Accumulator" means the reservoir of a condensing unit receiving the condensate from a surface condenser.~~

~~(Source: Added at 17 Ill. Reg. 16504, effective September 27, 1993)~~

~~Section 211.170 — Acid Gases~~

~~"Acid gases" means, for the purposes of Section 9.4 of the Environmental Protection Act (the Act) (Ill. Rev. Stat. 1991, ch. 111½, par. 1009.4) [415 ILCS 5/9.4], hydrogen chloride, hydrogen fluoride and hydrogen bromide, which exist as gases, liquid mist, or any combination thereof.~~

~~(Source: Added at 17 Ill. Reg. 16504, effective September 27, 1993)~~

~~Section 211.200 Acrylonitrile Butadiene Styrene (ABS) Welding~~

~~"Acrylonitrile butadiene styrene welding" or "ABS Welding" means, for purposes of Subparts JJ of 35 Ill. Adm. Code 218 and 219, any process to weld acrylonitrile butadiene styrene pipe.~~

~~Section 211.2965 High Precision Optic~~

~~"High Precision Optic" means, for purposes of 35 Ill. Adm. Code 218.187 and 219.187, an optical element used in an electro-optical device that is designed to sense, detect, or transmit light energy, including specific wavelengths of light energy and changes in light energy levels.~~

~~(Source: Added at 34 Ill. Reg. 9069, effective June 25, 2010)~~

Section 211.2870 Heavy Liquid

"Heavy liquid" means liquid with a true vapor pressure of less than 0.3 kPa (0.04 psi) at 294.3°K (70°F) established in a standard reference text or as determined by ASTM method D2879-86 (incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112); or which has 0.1 Reid Vapor Pressure as determined by ASTM method D323-08 (incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112); or which when distilled requires a temperature of 421.95°K (300°F) or greater to recover 10 percent of the liquid as determined by ASTM method D86-82 (incorporated by reference in 35 Ill. Adm. Code 215.105, 218.112 and 219.112).

(Source: Amended at 37 Ill. Reg. 1662, effective January 28, 2013)

~~Section 211.2890 Heavy Metals~~

~~"Heavy metals" means, for the purposes of Section 9.4 of the Act, elemental, ionic, or combined forms of arsenic, cadmium, mercury, chromium, nickel and lead.~~

~~(Source: Added at 17 Ill. Reg. 16504, effective September 27, 1993)~~

~~Section 211.2910 Heavy Off Highway Vehicle Products~~

~~"Heavy off-highway vehicle products" means heavy construction, mining, farming, or material handling equipment; heavy industrial engines; diesel-electric locomotives and associated power generation equipment; and the constituent parts of such equipment or engines.~~

~~(Source: Added at 17 Ill. Reg. 16504, effective September 27, 1993)~~

~~Section 211.2930 Heavy Off Highway Vehicle Products Coating~~

~~"Heavy off-highway vehicle products coating" means any protective, decorative or functional coating applied onto the surface of heavy off-highway vehicle products. However, a high temperature aluminum coating to a diesel-electric locomotive in Cook County is not a heavy off-highway vehicle products coating.~~

~~(Source: Added at 17 Ill. Reg. 21471, effective December 7, 1993)~~

Section 211.5510 Reid Vapor Pressue

~~""Reid vapor pressure" means the absolute vapor pressure of volatile crude oil and volatile nonviscous petroleum liquids except liquified petroleum gases as determined by the method referenced in the Section where the term is used or by ASTM D323-08 (if not referenced in the Section where the term is used), incorporated by reference in 35 Ill. Adm. Code 218.112 and 219.112.~~

~~————(Source: Amended at 37 Ill. Reg. 1662, effective January 28, 2013)~~

Section 211.5520 Reinforeed Plastic Composite

~~"Reinforced plastic composite" means, for purposes of 35 Ill. Adm. Code 218 and 219, a composite material consisting of plastic reinforced with fibers.~~

~~(Source: Added at 34 Ill. Reg. 14119, effective September 14, 2010)~~

Section 211.5530 ——— Repair

~~"Repair" means, with respect to polyester resin product manufacturing processes, a portion of the fabrication process that requires the addition of polyester resin materials to portions of a previously fabricated product in order to mend damage immediately following normal fabrication operations.~~

~~(Source: Added at 18 Ill. Reg. 1253, effective January 18, 1994)~~

Section 211.5535 Repair Cleaning

~~"Repair Cleaning" means, for purposes of 35 Ill. Adm. Code 218.187 and 219.187, a solvent cleaning operation or activity carried out during a repair process.~~

~~(Source: Added at 34 Ill. Reg. 9069, effective June 25, 2010)~~

Section 211.5550 Repair Coat

~~"Repair coat" means:~~

~~With respect to coating wood furniture, coatings used to correct imperfections or damage to furniture surface;~~