



OFFICE OF THE SECRETARY OF STATE

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February 1, 2013

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CLERK'S OFFICE

FEB 07 2013

STATE OF ILLINOIS  
Pollution Control Board

POLLUTION CONTROL BOARD  
JOHN THERRIAULT ASSISTANT CLERK  
100 W RANDOLPH ST, STE 11-500  
CHICAGO, IL 60601

Dear JOHN THERRIAULT ASSISTANT CLERK

Your rules Listed below met our codification standards and have been published in Volume 37, Issue 6 of the Illinois Register, dated 2/8/2013.

ADOPTED RULES

General Rules

35 Ill. Adm. Code 101  
Point of Contact: Nancy Miller

1655 R13-9

Definitions and General Provisions

35 Ill. Adm. Code 211  
Point of Contact: Nancy Miller

1662 R12-24

Organic Material Emission Standards and Limitations

35 Ill. Adm. Code 215  
Point of Contact: Nancy Miller

1683

Organic Material Emissions Standards and Limitations for the Chicago Area

35 Ill. Adm. Code 218  
Point of Contact: Nancy Miller

1699

Organic Material Emissions Standards and Limitations for the Metro East Area

35 Ill. Adm. Code 219  
Point of Contact: Nancy Miller

1722

If you have any questions, you may contact the Administrative Code Division at (217) 782 - 7017.

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: Definitions and General Provisions
- 2) Code Citation: 35 Ill. Adm. Code 211
- 3) 

<u>Section Number:</u>	<u>Adopted Action:</u>
211.101	Amend
211.2870	Amend
211.5510	Amend
- 4) Statutory Authority: Implementing Section 10 and authorized by Sections 27 and 28 of the Environmental Protection Act [415 ILCS 5/10, 27, and 28].
- 5) Effective Date of Amendments:  
JAN 28 2013
- 6) Does this rulemaking contain an automatic repeal date? No.
- 7) Do these amendments contain incorporations by reference? Yes. Section 211.101 is the centralized listing of all documents incorporated by reference in Part 211.
- 8) The adopted amendments, including incorporations by reference, are on file in the Board's Chicago office at the James R. Thompson Center, 100 W. Randolph, Suite 11-500, and are available there for public inspection.
- 9) Notice of Proposal Published in Illinois Register: May 19, 2012; 36 Ill. Ill. Reg. 6913
- 10) Has JCAR issued a Statement of Objections to these amendments? No.
- 11) Differences between proposal and final version: None.
- 12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreements letter issued by JCAR? Yes.
- 13) Will these amendments replace emergency amendments currently in effect? No.
- 14) Are there any amendments pending on this Part? Yes.

<u>Section Number</u>	<u>Proposed Action</u>	<u>Illinois Register Citation</u>
211.7150	Amend	36 Ill. Reg. 15575; November 9, 2012

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 15) Summary and Purpose of Amendments:
- 16) Information and questions regarding this adopted amendment shall be directed to:

Kathleen Crowley  
Illinois Pollution Control Board  
100 W. Randolph 11-500  
Chicago, IL 60601

312-814-6929

Copies of the Board's opinions and orders may be requested from the Clerk of the Board at the address listed in #8 above or by calling 312/814-3620. Please refer to the Docket number R12-24 in your request. The Board order is also available from the Board's Web site ([www.ipcb.state.il.us](http://www.ipcb.state.il.us)).

The full text of the Adopted Amendments begins on the next page:

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

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

PART 211  
DEFINITIONS AND GENERAL PROVISIONS

SUBPART A: GENERAL PROVISIONS

Section	
211.101	Incorporated and Referenced Materials
211.102	Abbreviations and Conversion Factors

SUBPART B: DEFINITIONS

Section	
211.121	Other Definitions
211.122	Definitions (Repealed)
211.130	Accelacota
211.150	Accumulator
211.170	Acid Gases
211.200	Acrylonitrile Butadiene Styrene (ABS) Welding
211.210	Actual Heat Input
211.230	Adhesive
211.233	Adhesion Primer
211.235	Adhesive Primer
211.240	Adhesion Promoter
211.250	Aeration
211.260	Aerosol Adhesive and Adhesive Primer
211.270	Aerosol Can Filling Line
211.290	Afterburner
211.310	Air Contaminant
211.330	Air Dried Coatings
211.350	Air Oxidation Process
211.370	Air Pollutant
211.390	Air Pollution
211.410	Air Pollution Control Equipment

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.430	Air Suspension Coater/Dryer
211.450	Airless Spray
211.470	Air Assisted Airless Spray
211.474	Alcohol
211.479	Allowance
211.481	Ammunition Sealant
211.484	Animal
211.485	Animal Pathological Waste
211.490	Annual Grain Through-Put
211.492	Antifoulant Coating
211.493	Antifouling Sealer/Tie Coat
211.495	Anti-Glare/Safety Coating
211.510	Application Area
211.530	Architectural Coating
211.540	Architectural Structure
211.550	As Applied
211.560	As-Applied Fountain Solution
211.570	Asphalt
211.590	Asphalt Prime Coat
211.610	Automobile
211.630	Automobile or Light-Duty Truck Assembly Source or Automobile or Light-Duty Truck Manufacturing Plant
211.650	Automobile or Light-Duty Truck Refinishing
211.660	Automotive/Transportation Plastic Parts
211.665	Auxiliary Boiler
211.670	Baked Coatings
211.680	Bakery Oven
211.685	Basecoat/Clearcoat System
211.690	Batch Loading
211.695	Batch Operation
211.696	Batch Process Train
211.710	Bead-Dipping
211.715	Bedliner
211.730	Binders
211.735	Black Coating
211.740	Brakehorsepower (rated-bhp)
211.750	British Thermal Unit
211.770	Brush or Wipe Coating
211.790	Bulk Gasoline Plant

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.810	Bulk Gasoline Terminal
211.820	Business Machine Plastic Parts
211.825	Camouflage Coating
211.830	Can
211.850	Can Coating
211.870	Can Coating Line
211.880	Cap Sealant
211.890	Capture
211.910	Capture Device
211.930	Capture Efficiency
211.950	Capture System
211.953	Carbon Adsorber
211.954	Cavity Wax
211.955	Cement
211.960	Cement Kiln
211.965	Ceramic Tile Installation Adhesive
211.970	Certified Investigation
211.980	Chemical Manufacturing Process Unit
211.990	Choke Loading
211.995	Circulating Fluidized Bed Combustor
211.1000	Class II Finish
211.1010	Clean Air Act
211.1050	Cleaning and Separating Operation
211.1070	Cleaning Materials
211.1090	Clear Coating
211.1110	Clear Topcoat
211.1120	Clinker
211.1128	Closed Molding
211.1130	Closed Purge System
211.1150	Closed Vent System
211.1170	Coal Refuse
211.1190	Coating
211.1210	Coating Applicator
211.1230	Coating Line
211.1250	Coating Plant
211.1270	Coil Coating
211.1290	Coil Coating Line
211.1310	Cold Cleaning
211.1312	Combined Cycle System

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.1315	Combustion Tuning
211.1316	Combustion Turbine
211.1320	Commence Commercial Operation
211.1324	Commence Operation
211.1328	Common Stack
211.1330	Complete Combustion
211.1350	Component
211.1370	Concrete Curing Compounds
211.1390	Concentrated Nitric Acid Manufacturing Process
211.1410	Condensate
211.1430	Condensable PM-10
211.1435	Container Glass
211.1455	Contact Adhesive
211.1465	Continuous Automatic Stoking
211.1467	Continuous Coater
211.1470	Continuous Process
211.1490	Control Device
211.1510	Control Device Efficiency
211.1515	Control Period
211.1520	Conventional Air Spray
211.1530	Conventional Soybean Crushing Source
211.1550	Conveyorized Degreasing
211.1560	Cove Base
211.1565	Cove Base Installation Adhesive
211.1570	Crude Oil
211.1590	Crude Oil Gathering
211.1610	Crushing
211.1630	Custody Transfer
211.1650	Cutback Asphalt
211.1655	Cyanoacrylate Adhesive
211.1670	Daily-Weighted Average VOM Content
211.1690	Day
211.1700	Deadener
211.1710	Degreaser
211.1730	Delivery Vessel
211.1740	Diesel Engine
211.1745	Digital Printing
211.1750	Dip Coating
211.1770	Distillate Fuel Oil

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.1780	Distillation Unit
211.1790	Drum
211.1810	Dry Cleaning Operation or Dry Cleaning Facility
211.1830	Dump-Pit Area
211.1850	Effective Grate Area
211.1870	Effluent Water Separator
211.1872	Ejection Cartridge Sealant
211.1875	Elastomeric Materials
211.1876	Electric Dissipating Coating
211.1877	Electric-Insulating Varnish
211.1878	Electrical Apparatus Component
211.1880	Electrical Switchgear Compartment Coating
211.1882	Electrodeposition Primer (EDP)
211.1883	Electromagnetic Interference/Radio Frequency Interference (EMI/RFI) Shielding Coatings
211.1885	Electronic Component
211.1890	Electrostatic Bell or Disc Spray
211.1900	Electrostatic Prep Coat
211.1910	Electrostatic Spray
211.1920	Emergency or Standby Unit
211.1930	Emission Rate
211.1950	Emission Unit
211.1970	Enamel
211.1990	Enclose
211.2010	End Sealing Compound Coat
211.2030	Enhanced Under-the-Cup Fill
211.2040	Etching Filler
211.2050	Ethanol Blend Gasoline
211.2055	Ethylene Propylenediene Monomer (DPDM) Roof Membrane
211.2070	Excess Air
211.2080	Excess Emissions
211.2090	Excessive Release
211.2110	Existing Grain-Drying Operation (Repealed)
211.2130	Existing Grain-Handling Operation (Repealed)
211.2150	Exterior Base Coat
211.2170	Exterior End Coat
211.2190	External Floating Roof
211.2200	Extreme High-Gloss Coating
211.2210	Extreme Performance Coating



ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.2230	Fabric Coating
211.2250	Fabric Coating Line
211.2270	Federally Enforceable Limitations and Conditions
211.2285	Feed Mill
211.2290	Fermentation Time
211.2300	Fill
211.2310	Final Repair Coat
211.2320	Finish Primer Surfacer
211.2330	Firebox
211.2350	Fixed-Roof Tank
211.2355	Flare
211.2357	Flat Glass
211.2358	Flat Wood Paneling
211.2359	Flat Wood Paneling Coating Line
211.2360	Flexible Coating
211.2365	Flexible Operation Unit
211.2368	Flexible Packaging
211.2369	Flexible Vinyl
211.2370	Flexographic Printing
211.2390	Flexographic Printing Line
211.2410	Floating Roof
211.2415	Fog Coat
211.2420	Fossil Fuel
211.2425	Fossil Fuel-Fired
211.2430	Fountain Solution
211.2450	Freeboard Height
211.2470	Fuel Combustion Emission Unit or Fuel Combustion Emission Source
211.2490	Fugitive Particulate Matter
211.2510	Full Operating Flowrate
211.2525	Gasket/Gasket Sealing Material
211.2530	Gas Service
211.2550	Gas/Gas Method
211.2570	Gasoline
211.2590	Gasoline Dispensing Operation or Gasoline Dispensing Facility
211.2610	Gel Coat
211.2615	General Work Surface
211.2620	Generator
211.2622	Glass Bonding Primer
211.2625	Glass Melting Furnace

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.2630	Gloss Reducers
211.2650	Grain
211.2670	Grain-Drying Operation
211.2690	Grain-Handling and Conditioning Operation
211.2710	Grain-Handling Operation
211.2730	Green-Tire Spraying
211.2750	Green Tires
211.2770	Gross Heating Value
211.2790	Gross Vehicle Weight Rating
211.2800	Hardwood Plywood
211.2810	Heated Airless Spray
211.2815	Heat Input
211.2820	Heat Input Rate
211.2825	Heat-Resistant Coating
211.2830	Heatset
211.2840	Heatset Web Letterpress Printing Line
211.2850	Heatset Web Offset Lithographic Printing Line
211.2870	Heavy Liquid
211.2890	Heavy Metals
211.2910	Heavy Off-Highway Vehicle Products
211.2930	Heavy Off-Highway Vehicle Products Coating
211.2950	Heavy Off-Highway Vehicle Products Coating Line
211.2955	High Bake Coating
211.2956	High Build Primer Surfacer
211.2958	High Gloss Coating
211.2960	High-Performance Architectural Coating
211.2965	High Precision Optic
211.2970	High Temperature Aluminum Coating
211.2980	High Temperature Coating
211.2990	High Volume Low Pressure (HVL) Spray
211.3010	Hood
211.3030	Hot Well
211.3050	Housekeeping Practices
211.3070	Incinerator
211.3090	Indirect Heat Transfer
211.3095	Indoor Floor Covering Installation Adhesive
211.3100	Industrial Boiler
211.3110	Ink
211.3120	In-Line Repair

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.3130	In-Process Tank
211.3150	In-Situ Sampling Systems
211.3170	Interior Body Spray Coat
211.3190	Internal-Floating Roof
211.3210	Internal Transferring Area
211.3215	Janitorial Cleaning
211.3230	Lacquers
211.3240	Laminate
211.3250	Large Appliance
211.3270	Large Appliance Coating
211.3290	Large Appliance Coating Line
211.3300	Lean-Burn Engine
211.3305	Letterpress Printing Line
211.3310	Light Liquid
211.3330	Light-Duty Truck
211.3350	Light Oil
211.3355	Lime Kiln
211.3370	Liquid/Gas Method
211.3390	Liquid-Mounted Seal
211.3410	Liquid Service
211.3430	Liquids Dripping
211.3450	Lithographic Printing Line
211.3470	Load-Out Area
211.3475	Load Shaving Unit
211.3480	Loading Event
211.3483	Long Dry Kiln
211.3485	Long Wet Kiln
211.3487	Low-NO <sub>x</sub> Burner
211.3490	Low Solvent Coating
211.3500	Lubricating Oil
211.3505	Lubricating Wax/Compound
211.3510	Magnet Wire
211.3530	Magnet Wire Coating
211.3550	Magnet Wire Coating Line
211.3555	Maintenance Cleaning
211.3570	Major Dump Pit
211.3590	Major Metropolitan Area (MMA)
211.3610	Major Population Area (MPA)
211.3620	Manually Operated Equipment

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.3630	Manufacturing Process
211.3650	Marine Terminal
211.3660	Marine Vessel
211.3665	Mask Coating
211.3670	Material Recovery Section
211.3690	Maximum Theoretical Emissions
211.3695	Maximum True Vapor Pressure
211.3705	Medical Device
211.3707	Medical Device and Pharmaceutical Manufacturing
211.3710	Metal Furniture
211.3730	Metal Furniture Coating
211.3750	Metal Furniture Coating Line
211.3760	Metallic Coating
211.3770	Metallic Shoe-Type Seal
211.3775	Metal to Urethane/Rubber Molding or Casting Adhesive
211.3780	Mid-Kiln Firing
211.3785	Military Specification Coating
211.3790	Miscellaneous Fabricated Product Manufacturing Process
211.3810	Miscellaneous Formulation Manufacturing Process
211.3820	Miscellaneous Industrial Adhesive Application Operation
211.3830	Miscellaneous Metal Parts and Products
211.3850	Miscellaneous Metal Parts and Products Coating
211.3870	Miscellaneous Metal Parts or Products Coating Line
211.3890	Miscellaneous Organic Chemical Manufacturing Process
211.3910	Mixing Operation
211.3915	Mobile Equipment
211.3925	Mold Seal Coating
211.3930	Monitor
211.3950	Monomer
211.3960	Motor Vehicles
211.3961	Motor Vehicle Adhesive
211.3965	Motor Vehicle Refinishing
211.3966	Motor Vehicle Weatherstrip Adhesive
211.3967	Mouth Waterproofing Sealant
211.3968	Multi-Colored Coating
211.3969	Multi-Component Coating
211.3970	Multiple Package Coating
211.3975	Multipurpose Construction Adhesive
211.3980	Nameplate Capacity

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.3985	Natural Finish Hardwood Plywood Panel
211.3990	New Grain-Drying Operation (Repealed)
211.4010	New Grain-Handling Operation (Repealed)
211.4030	No Detectable Volatile Organic Material Emissions
211.4050	Non-Contact Process Water Cooling Tower
211.4052	Non-Convertible Coating
211.4055	Non-Flexible Coating
211.4065	Non-Heatset
211.4067	NO <sub>x</sub> Trading Program
211.4070	Offset
211.4080	One-Component Coating
211.4090	One Hundred Percent Acid
211.4110	One-Turn Storage Space
211.4130	Opacity
211.4150	Opaque Stains
211.4170	Open Top Vapor Degreasing
211.4190	Open-Ended Valve
211.4210	Operator of a Gasoline Dispensing Operation or Operator of a Gasoline Dispensing Facility
211.4220	Optical Coating
211.4230	Organic Compound
211.4250	Organic Material and Organic Materials
211.4260	Organic Solvent
211.4270	Organic Vapor
211.4280	Other Glass
211.4285	Outdoor Floor Covering Installation Adhesive
211.4290	Oven
211.4310	Overall Control
211.4330	Overvarnish
211.4350	Owner of a Gasoline Dispensing Operation or Owner of a Gasoline Dispensing Facility
211.4370	Owner or Operator
211.4390	Packaging Rotogravure Printing
211.4410	Packaging Rotogravure Printing Line
211.4430	Pail
211.4450	Paint Manufacturing Source or Paint Manufacturing Plant
211.4455	Pan-Backing Coating
211.4460	Panel
211.4470	Paper Coating

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.4490	Paper Coating Line
211.4510	Particulate Matter
211.4530	Parts Per Million (Volume) or PPM (Vol)
211.4540	Perimeter Bonded Sheet Flooring
211.4550	Person
211.4590	Petroleum
211.4610	Petroleum Liquid
211.4630	Petroleum Refinery
211.4650	Pharmaceutical
211.4670	Pharmaceutical Coating Operation
211.4690	Photochemically Reactive Material
211.4710	Pigmented Coatings
211.4730	Plant
211.4735	Plastic
211.4740	Plastic Part
211.4750	Plasticizers
211.4760	Plastic Solvent Welding Adhesive
211.4765	Plastic Solvent Welding Adhesive Primer
211.4768	Pleasure Craft
211.4769	Pleasure Craft Surface Coating
211.4770	PM-10
211.4790	Pneumatic Rubber Tire Manufacture
211.4810	Polybasic Organic Acid Partial Oxidation Manufacturing Process
211.4830	Polyester Resin Material(s)
211.4850	Polyester Resin Products Manufacturing Process
211.4870	Polystyrene Plant
211.4890	Polystyrene Resin
211.4895	Polyvinyl Chloride Plastic (PVC Plastic)
211.4900	Porous Material
211.4910	Portable Grain-Handling Equipment
211.4930	Portland Cement Manufacturing Process Emission Source
211.4950	Portland Cement Process or Portland Cement Manufacturing Plant
211.4960	Potential Electrical Output Capacity
211.4970	Potential to Emit
211.4990	Power Driven Fastener Coating
211.5010	Precoat
211.5012	Prefabricated Architectural Coating
211.5015	Preheater Kiln
211.5020	Preheater/Precalciner Kiln

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.5030	Pressure Release
211.5050	Pressure Tank
211.5060	Pressure/Vacuum Relief Valve
211.5061	Pretreatment Coating
211.5062	Pretreatment Wash Primer
211.5065	Primary Product
211.5070	Prime Coat
211.5075	Primer Sealant
211.5080	Primer Sealer
211.5090	Primer Surfacer Coat
211.5110	Primer Surfacer Operation
211.5130	Primers
211.5140	Printed Interior Panel
211.5150	Printing
211.5170	Printing Line
211.5185	Process Emission Source
211.5190	Process Emission Unit
211.5195	Process Heater
211.5210	Process Unit
211.5230	Process Unit Shutdown
211.5245	Process Vent
211.5250	Process Weight Rate
211.5270	Production Equipment Exhaust System
211.5310	Publication Rotogravure Printing Line
211.5330	Purged Process Fluid
211.5335	Radiation Effect Coating
211.5340	Rated Heat Input Capacity
211.5350	Reactor
211.5370	Reasonably Available Control Technology (RACT)
211.5390	Reclamation System
211.5400	Red Coating
211.5410	Refiner
211.5430	Refinery Fuel Gas
211.5450	Refinery Fuel Gas System
211.5470	Refinery Unit or Refinery Process Unit
211.5480	Reflective Argent Coating
211.5490	Refrigerated Condenser
211.5500	Regulated Air Pollutant
211.5510	Reid Vapor <u>Pressure</u> <del>Pressuer</del>

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.5520	Reinforced Plastic Composite
211.5530	Repair
211.5535	Repair Cleaning
211.5550	Repair Coat
211.5570	Repaired
211.5580	Repowering
211.5585	Research and Development Operation
211.5590	Residual Fuel Oil
211.5600	Resist Coat
211.5610	Restricted Area
211.5630	Retail Outlet
211.5640	Rich-Burn Engine
211.5650	Ringelmann Chart
211.5670	Roadway
211.5690	Roll Coater
211.5710	Roll Coating
211.5730	Roll Printer
211.5750	Roll Printing
211.5770	Rotogravure Printing
211.5790	Rotogravure Printing Line
211.5800	Rubber
211.5810	Safety Relief Valve
211.5830	Sandblasting
211.5850	Sanding Sealers
211.5860	Scientific Instrument
211.5870	Screening
211.5875	Screen Printing
211.5880	Screen Printing on Paper
211.5885	Screen Reclamation
211.5890	Sealer
211.5910	Semi-Transparent Stains
211.5930	Sensor
211.5950	Set of Safety Relief Valves
211.5970	Sheet Basecoat
211.5980	Sheet-Fed
211.5985	Sheet Rubber Lining Installation
211.5987	Shock-Free Coating
211.5990	Shotblasting
211.6010	Side-Seam Spray Coat



ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.6012	Silicone-Release Coating
211.6015	Single-Ply Roof Membrane
211.6017	Single-Ply Roof Membrane Adhesive Primer
211.6020	Single-Ply Roof Membrane Installation and Repair Adhesive
211.6025	Single Unit Operation
211.6030	Smoke
211.6050	Smokeless Flare
211.6060	Soft Coat
211.6063	Solar-Absorbent Coating
211.6065	Solids Turnover Ratio ( $R_T$ )
211.6070	Solvent
211.6090	Solvent Cleaning
211.6110	Solvent Recovery System
211.6130	Source
211.6140	Specialty Coatings
211.6145	Specialty Coatings for Motor Vehicles
211.6150	Specialty High Gloss Catalyzed Coating
211.6170	Specialty Leather
211.6190	Specialty Soybean Crushing Source
211.6210	Splash Loading
211.6230	Stack
211.6250	Stain Coating
211.6270	Standard Conditions
211.6290	Standard Cubic Foot (scf)
211.6310	Start-Up
211.6330	Stationary Emission Source
211.6350	Stationary Emission Unit
211.6355	Stationary Gas Turbine
211.6360	Stationary Reciprocating Internal Combustion Engine
211.6370	Stationary Source
211.6390	Stationary Storage Tank
211.6400	Stencil Coat
211.6405	Sterilization Indicating Ink
211.6410	Storage Tank or Storage Vessel
211.6420	Strippable Spray Booth Coating
211.6425	Stripping
211.6427	Structural Glazing
211.6430	Styrene Devolatilizer Unit
211.6450	Styrene Recovery Unit

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.6460	Subfloor
211.6470	Submerged Loading Pipe
211.6490	Substrate
211.6510	Sulfuric Acid Mist
211.6530	Surface Condenser
211.6535	Surface Preparation
211.6540	Surface Preparation Materials
211.6550	Synthetic Organic Chemical or Polymer Manufacturing Plant
211.6570	Tablet Coating Operation
211.6580	Texture Coat
211.6585	Thin Metal Laminating Adhesive
211.6587	Thin Particleboard
211.6590	Thirty-Day Rolling Average
211.6610	Three-Piece Can
211.6620	Three or Four Stage Coating System
211.6630	Through-the-Valve Fill
211.6635	Tileboard
211.6640	Tire Repair
211.6650	Tooling Resin
211.6670	Topcoat
211.6690	Topcoat Operation
211.6695	Topcoat System
211.6710	Touch-Up
211.6720	Touch-Up Coating
211.6730	Transfer Efficiency
211.6740	Translucent Coating
211.6750	Tread End Cementing
211.6770	True Vapor Pressure
211.6780	Trunk Interior Coating
211.6790	Turnaround
211.6810	Two-Piece Can
211.6825	Underbody Coating
211.6830	Under-the-Cup Fill
211.6850	Undertread Cementing
211.6860	Uniform Finish Blender
211.6870	Unregulated Safety Relief Valve
211.6880	Vacuum Metallizing
211.6885	Vacuum Metallizing Coating
211.6890	Vacuum Producing System

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

211.6910	Vacuum Service
211.6930	Valves Not Externally Regulated
211.6950	Vapor Balance System
211.6970	Vapor Collection System
211.6990	Vapor Control System
211.7010	Vapor-Mounted Primary Seal
211.7030	Vapor Recovery System
211.7050	Vapor-Suppressed Polyester Resin
211.7070	Vinyl Coating
211.7090	Vinyl Coating Line
211.7110	Volatile Organic Liquid (VOL)
211.7130	Volatile Organic Material Content (VOMC)
211.7150	Volatile Organic Material (VOM) or Volatile Organic Compound (VOC)
211.7170	Volatile Petroleum Liquid
211.7190	Wash Coat
211.7200	Washoff Operations
211.7210	Wastewater (Oil/Water) Separator
211.7220	Waterproof Resorcinol Glue
211.7230	Weak Nitric Acid Manufacturing Process
211.7240	Weatherstrip Adhesive
211.7250	Web
211.7270	Wholesale Purchase Consumer
211.7290	Wood Furniture
211.7310	Wood Furniture Coating
211.7330	Wood Furniture Coating Line
211.7350	Woodworking
211.7400	Yeast Percentage

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

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

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. \_\_\_\_\_, effective \_\_\_\_\_.

SUBPART A: GENERAL PROVISIONS

**Section 211.101 Incorporations by Reference**

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

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

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

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. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART B: DEFINITIONS

**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~~D323-82 (incorporated by reference in 35 Ill. Adm. Code ~~215.105~~, 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. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 211.5510 Reid Vapor Pressure~~Pressuer~~**

"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~~D323-89 (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. \_\_\_\_\_, effective \_\_\_\_\_)

ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: Organic Material Emission Standards and Limitations
- 2) Code Citation: 35 Ill. Adm. Code 215
- 3) Section Number:      Adopted Action:

215.104	Amend
215.105	Amend
215.585	Repeal
- 4) Statutory Authority: Implementing Section 10 and authorized by Sections 27 and 28 of the Environmental Protection Act [415 ILCS 5/10, 27, and 28].
- 5) Effective Date of Amendments:      JAN 28 2013
- 6) Does this rulemaking contain an automatic repeal date? No.
- 7) Do these amendments contain incorporations by reference? Yes. Section 215.105 is the centralized listing of all documents incorporated by reference in Part 215.
- 8) The adopted amendments, including the incorporations by reference, are on file in the Board's Chicago office at the James R. Thompson Center, 100 W. Randolph, Suite 11-500, and are available there for public inspection.
- 9) Notice of Proposal Published in Illinois Register: May 19, 2012; 36 Ill. Ill. Reg. 6934
- 10) Has JCAR issued a Statement of Objections to these amendments? No.
- 11) Differences between proposal and final version: None.
- 12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreements letter issued by JCAR? Yes.
- 13) Will these amendments replace emergency amendments currently in effect? No.
- 14) Are there any amendments pending on this Part? No.
- 15) Summary and Purpose of Amendments:
- 16) Information and questions regarding this adopted amendment shall be directed to:

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JAN 28 2013

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ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Kathleen Crowley  
Illinois Pollution Control Board  
100 W. Randolph 11-500  
Chicago, IL 60601

312-814-6929

Copies of the Board's opinions and orders may be requested from the Clerk of the Board at the address listed in #8 above or by calling 312/814-3620. Please refer to the Docket number R12-24 in your request. The Board order is also available from the Board's Web site ([www.ipcb.state.il.us](http://www.ipcb.state.il.us)).

The full text of the Adopted Amendments begins on the next page:



ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

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

PART 215  
ORGANIC MATERIAL EMISSION STANDARDS AND LIMITATIONS

SUBPART A: GENERAL PROVISIONS

Section	
215.100	Introduction
215.101	Clean-up and Disposal Operations
215.102	Testing Methods
215.103	Abbreviations and Conversion Factors
215.104	Definitions
215.105	Incorporation by Reference
215.106	Afterburners
215.107	Determination of Applicability
215.108	Measurement of Vapor Pressures
215.109	Monitoring for Negligibly-Reactive Compounds

SUBPART B: ORGANIC EMISSIONS FROM STORAGE  
AND LOADING OPERATIONS

Section	
215.121	Storage Containers
215.122	Loading Operations
215.123	Petroleum Liquid Storage Tanks
215.124	External Floating Roofs
215.125	Compliance Dates and Geographical Areas
215.126	Compliance Plan
215.127	Emissions Testing
215.128	Measurement of Seal Gaps

SUBPART C: ORGANIC EMISSIONS FROM  
MISCELLANEOUS EQUIPMENT

Section

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

215.141	Separation Operations
215.142	Pumps and Compressors
215.143	Vapor Blowdown
215.144	Safety Relief Valves

SUBPART E: SOLVENT CLEANING

Section	
215.181	Solvent Cleaning in General
215.182	Cold Cleaning
215.183	Open Top Vapor Degreasing
215.184	Conveyorized Degreasing
215.185	Compliance Plan

SUBPART F: COATING OPERATIONS

Section	
215.202	Compliance Schedules
215.204	Emission Limitations for Manufacturing Plants
215.205	Alternative Emission Limitations
215.206	Exemptions from Emission Limitations
215.207	Compliance by Aggregation of Emission Units
215.208	Testing Methods for Volatile Organic Material Content
215.209	Exemption from General Rule on Use of Organic Material
215.210	Alternative Compliance Schedule
215.211	Compliance Dates and Geographical Areas
215.212	Compliance Plan
215.213	Special Requirements for Compliance Plan
215.214	Roadmaster Emissions Limitations (Repealed)
215.215	DMI Emissions Limitations

SUBPART H: SPECIAL LIMITATIONS FOR SOURCES IN MAJOR URBANIZED  
AREAS WHICH ARE NONATTAINMENT FOR OZONE

Section	
215.240	Applicability
215.241	External Floating Roofs
215.245	Flexographic and Rotogravure Printing
215.249	Compliance Dates

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

SUBPART I: ADJUSTED RACT EMISSIONS LIMITATIONS

Section	
215.260	Applicability
215.261	Petition
215.263	Public Hearing
215.264	Board Action
215.267	Agency Petition

SUBPART K: USE OF ORGANIC MATERIAL

Section	
215.301	Use of Organic Material
215.302	Alternative Standard
215.303	Fuel Combustion Emission Sources
215.304	Operations with Compliance Program
215.305	Viscose Exemption (Repealed)

SUBPART N: VEGETABLE OIL PROCESSING

Section	
215.340	Hexane Extraction Soybean Crushing
215.342	Hexane Extraction Corn Oil Processing
215.344	Recordkeeping for Vegetable Oil Processes
215.345	Compliance Determination
215.346	Compliance Dates and Geographical Areas
215.347	Compliance Plan

SUBPART P: PRINTING AND PUBLISHING

Section	
215.401	Flexographic and Rotogravure Printing
215.402	Exemptions
215.403	Applicability of Subpart K
215.404	Testing and Monitoring (Repealed)
215.405	Compliance Dates and Geographical Areas
215.406	Alternative Compliance Plan
215.407	Compliance Plan
215.408	Heatset Web Offset Lithographic Printing
215.409	Testing Methods for Volatile Organic Material Content

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

215.410 Emissions Testing

SUBPART Q: LEAKS FROM SYNTHETIC ORGANIC CHEMICAL AND  
POLYMER MANUFACTURING EQUIPMENT

Section

215.420 Applicability  
215.421 General Requirements  
215.422 Inspection Program Plan for Leaks  
215.423 Inspection Program for Leaks  
215.424 Repairing Leaks  
215.425 Recordkeeping for Leaks  
215.426 Report for Leaks  
215.427 Alternative Program for Leaks  
215.428 Compliance Dates  
215.429 Compliance Plan  
215.430 General Requirements  
215.431 Inspection Program Plan for Leaks  
215.432 Inspection Program for Leaks  
215.433 Repairing Leaks  
215.434 Recordkeeping for Leaks  
215.435 Report for Leaks  
215.436 Alternative Program for Leaks  
215.437 Open-Ended Valves  
215.438 Standards for Control Devices  
215.439 Compliance Plan

SUBPART R: PETROLEUM REFINING AND RELATED  
INDUSTRIES; ASPHALT MATERIALS

Section

215.441 Petroleum Refinery Waste Gas Disposal  
215.442 Vacuum Producing Systems  
215.443 Wastewater (Oil/Water) Separator  
215.444 Process Unit Turnarounds  
215.445 Leaks: General Requirements  
215.446 Monitoring Program Plan for Leaks  
215.447 Monitoring Program for Leaks  
215.448 Recordkeeping for Leaks  
215.449 Reporting for Leaks

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 215.450 Alternative Program for Leaks
- 215.451 Sealing Device Requirements
- 215.452 Compliance Schedule for Leaks
- 215.453 Compliance Dates and Geographical Areas

SUBPART S: RUBBER AND MISCELLANEOUS  
PLASTIC PRODUCTS

- Section
- 215.461 Manufacture of Pneumatic Rubber Tires
- 215.462 Green Tire Spraying Operations
- 215.463 Alternative Emission Reduction Systems
- 215.464 Emissions Testing
- 215.465 Compliance Dates and Geographical Areas
- 215.466 Compliance Plan
- 215.467 Testing Methods for Volatile Organic Material Content

SUBPART T: PHARMACEUTICAL MANUFACTURING

- Section
- 215.480 Applicability of Subpart T
- 215.481 Control of Reactors, Distillation Units, Crystallizers, Centrifuges and Vacuum Dryers
- 215.482 Control of Air Dryers, Production Equipment Exhaust Systems and Filters
- 215.483 Material Storage and Transfer
- 215.484 In-Process Tanks
- 215.485 Leaks
- 215.486 Other Emission Sources
- 215.487 Testing
- 215.488 Monitors for Air Pollution Control Equipment
- 215.489 Recordkeeping (Renumbered)
- 215.490 Compliance Schedule (Renumbered)

SUBPART U: COKE MANUFACTURING AND BY-PRODUCT RECOVERY

- Section
- 215.500 Exceptions
- 215.510 Coke By-Product Recovery Plants
- 215.512 Coke By-Product Recovery Plant Leaks
- 215.513 Inspection Program

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

215.514	Recordkeeping Requirements
215.515	Reporting Requirements
215.516	Compliance Dates
215.517	Compliance Plan

SUBPART V: AIR OXIDATION PROCESSES

Section	
215.520	Applicability
215.521	Definitions
215.525	Emission Limitations for Air Oxidation Processes
215.526	Testing and Monitoring
215.527	Compliance Date

SUBPART W: AGRICULTURE

Section	
215.541	Pesticide Exception

SUBPART X: CONSTRUCTION

Section	
215.561	Architectural Coatings
215.562	Paving Operations
215.563	Cutback Asphalt

SUBPART Y: GASOLINE DISTRIBUTION

Section	
215.581	Bulk Gasoline Plants
215.582	Bulk Gasoline Terminals
215.583	Gasoline Dispensing Facilities – Storage Tank Filling Operations
215.584	Gasoline Delivery Vessels
215.585	Gasoline Volatility Standards ( <u>Repealed</u> )
215.586	Emissions Testing

SUBPART Z: DRY CLEANERS

Section	
215.601	Perchloroethylene Dry Cleaners ( <u>Repealed</u> )

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

215.602	Exemptions (Repealed)
215.603	Leaks (Repealed)
215.604	Compliance Dates and Geographical <del>areas</del> Areas (Repealed)
215.605	Compliance Plan (Repealed)
215.606	Exception to Compliance Plan (Repealed)
215.607	Standards for Petroleum Solvent Dry Cleaners
215.608	Operating Practices for Petroleum Solvent Dry Cleaners
215.609	Program for Inspection and Repair of Leaks
215.610	Testing and Monitoring
215.611	Exemption for Petroleum Solvent Dry Cleaners
215.612	Compliance Dates and Geographical Areas ( <u>Repealed</u> )
215.613	Compliance Plan
215.614	Testing Method for Volatile Organic Material Content of Wastes
215.615	Emissions Testing

SUBPART AA: PAINT AND INK MANUFACTURING

Section	
215.620	Applicability
215.621	Exemption for Waterbase Material and Heatset Offset Ink
215.623	Permit Conditions
215.624	Open-top Mills, Tanks, Vats or Vessels
215.625	Grinding Mills
215.628	Leaks
215.630	Clean Up
215.636	Compliance Date

SUBPART BB: POLYSTYRENE PLANTS

Section	
215.875	Applicability of Subpart BB
215.877	Emissions Limitation at Polystyrene Plants
215.879	Compliance Date
215.881	Compliance Plan
215.883	Special Requirements for Compliance Plan
215.886	Emissions Testing

SUBPART PP: MISCELLANEOUS FABRICATED PRODUCT  
MANUFACTURING PROCESSES





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ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

June 29, 1987; recodified in R86-39 at 11 Ill. Reg. 13541; amended in R82-14 and R86-12 at 11 Ill. Reg. 16706, effective September 30, 1987; amended in R85-21(B) at 11 Ill. Reg. 19117, effective November 9, 1987; amended in R86-36, R86-39, R86-40 at 11 Ill. Reg. 20829, effective December 14, 1987; amended in R82-14 and R86-37 at 12 Ill. Reg. 815, effective December 24, 1987; amended in R86-18 at 12 Ill. Reg. 7311, effective April 8, 1988; amended in R86-10 at 12 Ill. Reg. 7650, effective April 11, 1988; amended in R88-23 at 13 Ill. Reg. 10893, effective June 27, 1989; amended in R88-30(A) at 14 Ill. Reg. 3555, effective February 27, 1990; emergency amendments in R88-30A at 14 Ill. Reg. 6421, effective April 11, 1990, for a maximum of 150 days; amended in R88-19 at 14 Ill. Reg. 7596, effective May 8, 1990; amended in R89-16(A) at 14 Ill. Reg. 9173, effective May 23, 1990; amended in R88-30(B) at 15 Ill. Reg. 3309, effective February 15, 1991; amended in R88-14 at 15 Ill. Reg. 8018, effective May 14, 1991; amended in R91-7 at 15 Ill. Reg. 12217, effective August 19, 1991; amended in R91-10 at 15 Ill. Reg. 15595, effective October 11, 1991; amended in R89-7(B) at 15 Ill. Reg. 17687, effective November 26, 1991; amended in R91-9 at 16 Ill. Reg. 3132, effective February 18, 1992; amended in R91-24 at 16 Ill. Reg. 13555, effective August 24, 1992; amended in R91-30 at 16 Ill. Reg. 13849, effective August 24, 1992; amended in R98-15 at 22 Ill. Reg. 11427, effective June 19, 1998; amended in R12-24 at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

SUBPART A: GENERAL PROVISIONS

**Section 215.104 Definitions**

The definitions of 35 Ill. Adm. Code 201 and 211 apply to this Part, as well as the definitions contained in this Section. ~~When~~Where the definition contained in this Section is more specific than that found in 35 Ill. Adm. Code 201 or 211, it shall take precedence in application of this Part.

"Furniture Coating Application Line": The combination of coating application equipment, flash-off area, spray booths, ovens, conveyors, and other equipment operated in a predetermined sequence for purpose of applying coating to wood furniture.

"In Vacuum Service": For the purposes of Subpart Q, Sections 215.430 through 215.438 equipment ~~that~~which is operating at an internal pressure that is at least 5 kPa (0.73 psia) below ambient pressure.

"Opaque Stains": All stains containing pigments not classified as semi-transparent stains, including stains, glazes and other opaque material to give character to wood.

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

~~"Reid vapor pressure": is the standardized measure of the vapor pressure of a liquid in pounds per square inch absolute (psia) at 100 F (37.8 C).~~

(Source: Amended at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 215.105 Incorporations by Reference**

The following materials are incorporated by reference:

- a) American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken PA 19428-9555~~1916 Race Street, Philadelphia, PA 19103:~~
- 1) ASTM D 1644-59 Method A
  - 2) ASTM D 1475-60
  - 3) ASTM D 2369-81
  - 4) ASTM D 2879-83 (Approved 1983); ASTM D 2879-86 (Approved 1986)
  - ~~5) ASTM D 323-82 (Approved 1982)~~
  - ~~56) ASTM D 86-82 (Approved 1982)~~
  - ~~67) ASTM E 260-73 (Approved 1973), E 168 - 67 (Reapproved 1977), E 169 - 63 (Reapproved 1981), E 20 (Approved 1985)~~
  - ~~78) ASTM D 97-66~~
  - ~~89) ASTM D 1946-67~~
  - ~~940) ASTM D 2382-76~~
  - ~~1044) ASTM D 2504-83~~
  - ~~1142) ASTM D 2382-83~~
  - 13) ~~ASTM D 4057-81 (Approved 1981)~~
  - 14) ~~ASTM D 4177-82 (Approved 1982)~~

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- ~~12)15)~~ ASTM D-4953-89
- ~~13)16)~~ ASTM D-4457-85
- b) Federal Standard 141a, Method 4082.1.
- c) National Fire Codes, National Fire Protection Association, Battery March Park, Quincy, Massachusetts 02269 (1979).
- d) United States Environmental Protection Agency, Washington, D.C., EPA-450/2-77-026, Appendix A.
- e) United States Environmental Protection Agency, Washington, D.C., EPA-450/2-78-051 Appendix A and Appendix B (December 1978).
- f) Standards Industrial Classification Manual, published by Executive Office of the President, Office of Management and Budget, Washington, D.C., 1972.
- g) 40 CFR 60 (1989).
- h) United States Environmental Protection Agency, Washington D.C., EPA-450/2-78-041.
- i) ~~40 CFR 80, Appendices D, E, and F (1989).~~
- i)j) Elsevier Scientific Publishing Co., New York, "The Vapor Pressure of Pure Substances" (1973), Boublik, T., V. Fried and E. Hala.
- j)k) McGraw-Hill Book Company, "Perry's Chemical Engineer's Handbook" (1984).
- k)l) Chemical Rubber Publishing Company, "CRC Handbook of Chemistry and Physics" (1968-87).
- l)m) McGraw-Hill Book Company, "Lange's Handbook of Chemistry" (1985) John A. Dean, editor.
- m)n) United States Environmental Protection Agency, Washington D.C., "Control of Volatile Organic Emissions from Manufacture of Synthesized Pharmaceutical Products", (EPA-450/2-78-029).

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

BOARD NOTE: The incorporations by reference listed in this Section above contain no later amendments or editions.

(Source: Amended at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART Y: GASOLINE DISTRIBUTION

**Section 215.585 Gasoline Volatility Standards (Repealed)**

- a) ~~No person shall sell, offer for sale, dispense, supply, offer for supply, or transport for use in Illinois gasoline whose Reid vapor pressure exceeds the applicable limitations set forth in subsections (b) and (c) during the regulatory control periods, which shall be June 1 to September 15 for retail outlets, wholesale purchaser-consumer facilities, and all other facilities.~~
- b) ~~The Reid vapor pressure of gasoline, a measure of its volatility, shall not exceed 9.0 psi (62.1 kPa) during the regulatory control period in 1991 only.~~
- e) ~~The Reid vapor pressure of ethanol blend gasolines shall not exceed the limitations for gasoline set forth in subsection (b) by more than 1.0 psi (6.9 kPa). Notwithstanding this limitation, blenders of ethanol blend gasolines whose Reid vapor pressure is less than 1.0 psi above the base stock gasoline immediately after blending with ethanol are prohibited from adding butane or any product that will increase the Reid vapor pressure of the blended gasoline.~~
- d) ~~All sampling of gasoline required pursuant to the provisions of this Section shall be conducted by one or more of the following approved methods or procedures which are incorporated by reference in Section 215.105.~~
  - 1) ~~For manual sampling, ASTM D4057;~~
  - 2) ~~For automatic sampling, ASTM D4177;~~
  - 3) ~~Sampling Procedures for Fuel Volatility, 40 CFR 80 Appendix D.~~
- e) ~~The Reid vapor pressure of gasoline shall be measured in accordance with a modification of ASTM D323 known as the "dry method" as set forth in 40 CFR 80, Appendix E, incorporated by reference in Section 215.105. For purposes of enforcement of the Reid vapor pressure limitations set forth in subsections (b) and~~

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- ~~(e), no enforcement action shall be initiated unless the Reid vapor pressure measured by the Agency is more than 0.3 psi (2.1 kPa) greater than the applicable standard.~~
- f) ~~The ethanol content of ethanol blend gasolines shall be determined by use of one of the approved testing methodologies specified in 40 CFR 80, Appendix F, incorporated by reference in Section 215.105.~~
- g) ~~Any alternate to the sampling or testing methods or procedures contained in subsections (d), (e), and (f) must be approved by the Agency, which shall consider data comparing the performance of the proposed alternative to the performance of one or more approved test methods or procedures. Such data shall accompany any request for Agency approval of any alternate test procedure. If the Agency determines that such data demonstrates that the proposed alternative will achieve results equivalent to the approved test methods or procedures, the Agency shall approve the proposed alternative. Upon approval of the alternate sampling or test methods or procedures contained in subsections (d), (e), and (f), the Agency will submit the methods or procedures to the United States Environmental Protection Agency (USEPA) as a revision to the State plan pursuant to Section 110 of the Clean Air Act (42 U.S.C.A. 7410). Alternate methods or procedures become effective only upon approval of the incorporation of the alternate method or procedure in the State plan by USEPA, unless such alternate method or procedure (i.e., the "Grabner" test, ASTM Emergency Standards 14 and 15, approved February 6, 1990; this incorporation includes no later editions or amendments.) has previously been approved by USEPA for use in conjunction with a federally promulgated gasoline volatility regulation, in which case the alternate method or procedure becomes effective immediately upon approval by the Agency.~~
- h) ~~Each refiner or supplier that distributes gasoline or ethanol blends shall:~~
- 1) ~~During the regulatory control period, state that the Reid vapor pressure of all gasoline or ethanol blends leaving the refinery or distribution facility for use in Illinois complies with the Reid vapor pressure limitations set forth in Section 215.585(b) and (c). Any facility receiving this gasoline shall be provided with a copy of an invoice, bill of lading, or other documentation used in normal business practice stating that the Reid vapor pressure of the gasoline complies with the State Reid vapor pressure standard.~~
  - 2) ~~Maintain records for a period of one year on the Reid vapor pressure,~~

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

~~quantity shipped and date of delivery of any gasoline or ethanol blends leaving the refinery or distribution facility for use in Illinois. The Agency shall be provided with copies of such records if requested.~~

- i) ~~Each retail outlet and facility operated by a wholesale purchaser-consumer shall, during the regulatory control period, maintain records regarding each delivery of gasoline, which shall include documentation of compliance with the Reid vapor pressure, limitations set forth in Section 215.585(b) and (c), quantity received and date received. The Agency shall be provided with copies of such records, if requested.~~
- j) ~~This Section is effective for 1991 only.~~

(Source: Repealed at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

## ILLINOIS REGISTER

## POLLUTION CONTROL BOARD

## NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: Organic Material Emission Standards and Limitations for the Chicago Area
- 2) Code Citation: 35 Ill. Adm. Code 218
- 3) Section Number:      Adopted Action:  

218.112	Amend
218.128	Amend
218.585	Repeal
218.784	Amend
218.792	Repeal
- 4) Statutory Authority: Implementing Section 10 and authorized by Sections 27 and 28 of the Environmental Protection Act [415 ILCS 5/10, 27, and 28].
- 5) Effective Date of Amendments: JAN 28 2013
- 6) Does this rulemaking contain an automatic repeal date? No.
- 7) Do these amendments contain incorporations by reference? Yes. Section 218.112 is the centralized listing of all documents incorporated by reference in Part 218.
- 8) The adopted amendments, including incorporations by reference, are on file in the Board's Chicago office at the James R. Thompson Center, 100 W. Randolph, Suite 11-500, and are available there for public inspection.
- 9) Notice of Proposal Published in Illinois Register: May 19, 2012; 36 Ill. Reg. 6950
- 10) Has JCAR issued a Statement of Objections to these amendments? No.
- 11) Differences between proposal and final version: None.
- 12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreements letter issued by JCAR? Yes.
- 13) Will these amendments replace emergency amendments currently in effect? No.
- 14) Are there any amendments pending on this Part? No.

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ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 15) Summary and Purpose of Amendments:
- 16) Information and questions regarding this adopted amendment shall be directed to:

Kathleen Crowley  
Illinois Pollution Control Board  
100 W. Randolph 11-500  
Chicago, IL 60601

312-814-6929

Copies of the Board's opinions and orders may be requested from the Clerk of the Board at the address listed in #8 above or by calling 312/814-3620. Please refer to the Docket number R12-24 in your request. The Board order is also available from the Board's Web site ([www.ipcb.state.il.us](http://www.ipcb.state.il.us)).

The full text of the Adopted Amendments begins on the next page:



ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

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

PART 218  
ORGANIC MATERIAL EMISSION STANDARDS AND  
LIMITATIONS FOR THE CHICAGO AREA

SUBPART A: GENERAL PROVISIONS

Section	
218.100	Introduction
218.101	Savings Clause
218.102	Abbreviations and Conversion Factors
218.103	Applicability
218.104	Definitions
218.105	Test Methods and Procedures
218.106	Compliance Dates
218.107	Operation of Afterburners
218.108	Exemptions, Variations, and Alternative Means of Control or Compliance Determinations
218.109	Vapor Pressure of Volatile Organic Liquids
218.110	Vapor Pressure of Organic Material or Solvent
218.111	Vapor Pressure of Volatile Organic Material
218.112	Incorporations by Reference
218.113	Monitoring for Negligibly-Reactive Compounds
218.114	Compliance with Permit Conditions

SUBPART B: ORGANIC EMISSIONS FROM STORAGE  
AND LOADING OPERATIONS

Section	
218.119	Applicability for VOL
218.120	Control Requirements for Storage Containers of VOL
218.121	Storage Containers of VPL
218.122	Loading Operations
218.123	Petroleum Liquid Storage Tanks
218.124	External Floating Roofs

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 218.125 Compliance Dates
- 218.126 Compliance Plan (Repealed)
- 218.127 Testing VOL Operations
- 218.128 Monitoring VOL Operations
- 218.129 Recordkeeping and Reporting for VOL Operations

SUBPART C: ORGANIC EMISSIONS FROM MISCELLANEOUS EQUIPMENT

- Section
- 218.141 Separation Operations
- 218.142 Pumps and Compressors
- 218.143 Vapor Blowdown
- 218.144 Safety Relief Valves

SUBPART E: SOLVENT CLEANING

- Section
- 218.181 Solvent Cleaning Degreasing Operations
- 218.182 Cold Cleaning
- 218.183 Open Top Vapor Degreasing
- 218.184 Conveyorized Degreasing
- 218.185 Compliance Schedule (Repealed)
- 218.186 Test Methods
- 218.187 Other Industrial Solvent Cleaning Operations

SUBPART F: COATING OPERATIONS

- Section
- 218.204 Emission Limitations
- 218.205 Daily-Weighted Average Limitations
- 218.206 Solids Basis Calculation
- 218.207 Alternative Emission Limitations
- 218.208 Exemptions from Emission Limitations
- 218.209 Exemption from General Rule on Use of Organic Material
- 218.210 Compliance Schedule
- 218.211 Recordkeeping and Reporting
- 218.212 Cross-Line Averaging to Establish Compliance for Coating Lines
- 218.213 Recordkeeping and Reporting for Cross-Line Averaging Participating Coating Lines
- 218.214 Changing Compliance Methods

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 218.215 Wood Furniture Coating Averaging Approach
- 218.216 Wood Furniture Coating Add-On Control Use
- 218.217 Wood Furniture Coating and Flat Wood Paneling Coating Work Practice Standards
- 218.218 Work Practice Standards for Paper Coatings, Metal Furniture Coatings, and Large Appliance Coatings
- 218.219 Work Practice Standards for Automobile and Light-Duty Truck Assembly Coatings and Miscellaneous Metal and Plastic Parts Coatings

SUBPART G: USE OF ORGANIC MATERIAL

- Section
- 218.301 Use of Organic Material
- 218.302 Alternative Standard
- 218.303 Fuel Combustion Emission Units
- 218.304 Operations with Compliance Program

SUBPART H: PRINTING AND PUBLISHING

- Section
- 218.401 Flexographic and Rotogravure Printing
- 218.402 Applicability
- 218.403 Compliance Schedule
- 218.404 Recordkeeping and Reporting
- 218.405 Lithographic Printing: Applicability
- 218.406 Provisions Applying to Heatset Web Offset Lithographic Printing Prior to March 15, 1996 (Repealed)
- 218.407 Emission Limitations and Control Requirements for Lithographic Printing Lines
- 218.408 Compliance Schedule for Lithographic Printing On and After March 15, 1996 (Repealed)
- 218.409 Testing for Lithographic Printing
- 218.410 Monitoring Requirements for Lithographic Printing
- 218.411 Recordkeeping and Reporting for Lithographic Printing
- 218.412 Letterpress Printing Lines: Applicability
- 218.413 Emission Limitations and Control Requirements for Letterpress Printing Lines
- 218.415 Testing for Letterpress Printing Lines
- 218.416 Monitoring Requirements for Letterpress Printing Lines
- 218.417 Recordkeeping and Reporting for Letterpress Printing Lines

SUBPART Q: SYNTHETIC ORGANIC CHEMICAL

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

AND POLYMER MANUFACTURING PLANT

Section	
218.421	General Requirements
218.422	Inspection Program Plan for Leaks
218.423	Inspection Program for Leaks
218.424	Repairing Leaks
218.425	Recordkeeping for Leaks
218.426	Report for Leaks
218.427	Alternative Program for Leaks
218.428	Open-Ended Valves
218.429	Standards for Control Devices
218.430	Compliance Date (Repealed)
218.431	Applicability
218.432	Control Requirements
218.433	Performance and Testing Requirements
218.434	Monitoring Requirements
218.435	Recordkeeping and Reporting Requirements
218.436	Compliance Date

SUBPART R: PETROLEUM REFINING AND  
RELATED INDUSTRIES; ASPHALT MATERIALS

Section	
218.441	Petroleum Refinery Waste Gas Disposal
218.442	Vacuum Producing Systems
218.443	Wastewater (Oil/Water) Separator
218.444	Process Unit Turnarounds
218.445	Leaks: General Requirements
218.446	Monitoring Program Plan for Leaks
218.447	Monitoring Program for Leaks
218.448	Recordkeeping for Leaks
218.449	Reporting for Leaks
218.450	Alternative Program for Leaks
218.451	Sealing Device Requirements
218.452	Compliance Schedule for Leaks
218.453	Compliance Dates (Repealed)

SUBPART S: RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Section	
218.461	Manufacture of Pneumatic Rubber Tires
218.462	Green Tire Spraying Operations
218.463	Alternative Emission Reduction Systems
218.464	Emission Testing
218.465	Compliance Dates (Repealed)
218.466	Compliance Plan (Repealed)

SUBPART T: PHARMACEUTICAL MANUFACTURING

Section	
218.480	Applicability
218.481	Control of Reactors, Distillation Units, Crystallizers, Centrifuges and Vacuum Dryers
218.482	Control of Air Dryers, Production Equipment Exhaust Systems and Filters
218.483	Material Storage and Transfer
218.484	In-Process Tanks
218.485	Leaks
218.486	Other Emission Units
218.487	Testing
218.488	Monitoring for Air Pollution Control Equipment
218.489	Recordkeeping for Air Pollution Control Equipment

SUBPART V: BATCH OPERATIONS AND AIR OXIDATION PROCESSES

Section	
218.500	Applicability for Batch Operations
218.501	Control Requirements for Batch Operations
218.502	Determination of Uncontrolled Total Annual Mass Emissions and Average Flow Rate Values for Batch Operations
218.503	Performance and Testing Requirements for Batch Operations
218.504	Monitoring Requirements for Batch Operations
218.505	Reporting and Recordkeeping for Batch Operations
218.506	Compliance Date
218.520	Emission Limitations for Air Oxidation Processes
218.521	Definitions (Repealed)
218.522	Savings Clause
218.523	Compliance
218.524	Determination of Applicability
218.525	Emission Limitations for Air Oxidation Processes

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

218.526 Testing and Monitoring  
218.527 Compliance Date (Repealed)

SUBPART W: AGRICULTURE

Section  
218.541 Pesticide Exception

SUBPART X: CONSTRUCTION

Section  
218.561 Architectural Coatings  
218.562 Paving Operations  
218.563 Cutback Asphalt

SUBPART Y: GASOLINE DISTRIBUTION

Section  
218.581 Bulk Gasoline Plants  
218.582 Bulk Gasoline Terminals  
218.583 Gasoline Dispensing Operations – Storage Tank Filling Operations  
218.584 Gasoline Delivery Vessels  
218.585 Gasoline Volatility Standards (Repealed)  
218.586 Gasoline Dispensing Operations – Motor Vehicle Fueling Operations

SUBPART Z: DRY CLEANERS

Section  
218.601 Perchloroethylene Dry Cleaners (Repealed)  
218.602 Applicability (Repealed)  
218.603 Leaks (Repealed)  
218.604 Compliance Dates (Repealed)  
218.605 Compliance Plan (Repealed)  
218.606 Exception to Compliance Plan (Repealed)  
218.607 Standards for Petroleum Solvent Dry Cleaners  
218.608 Operating Practices for Petroleum Solvent Dry Cleaners  
218.609 Program for Inspection and Repair of Leaks  
218.610 Testing and Monitoring  
218.611 Applicability for Petroleum Solvent Dry Cleaners  
218.612 Compliance Dates (Repealed)

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

218.613 Compliance Plan (Repealed)

SUBPART AA: PAINT AND INK MANUFACTURING

Section

218.620 Applicability  
218.621 Exemption for Waterbase Material and Heatset-Offset Ink  
218.623 Permit Conditions (Repealed)  
218.624 Open-Top Mills, Tanks, Vats or Vessels  
218.625 Grinding Mills  
218.626 Storage Tanks  
218.628 Leaks  
218.630 Clean Up  
218.636 Compliance Schedule  
218.637 Recordkeeping and Reporting

SUBPART BB: POLYSTYRENE PLANTS

Section

218.640 Applicability  
218.642 Emissions Limitation at Polystyrene Plants  
218.644 Emissions Testing

SUBPART CC: POLYESTER RESIN PRODUCT MANUFACTURING PROCESS

Section

218.660 Applicability  
218.666 Control Requirements  
218.667 Compliance Schedule  
218.668 Testing  
218.670 Recordkeeping and Reporting for Exempt Emission Units  
218.672 Recordkeeping and Reporting for Subject Emission Units

SUBPART DD: AEROSOL CAN FILLING

Section

218.680 Applicability  
218.686 Control Requirements  
218.688 Testing  
218.690 Recordkeeping and Reporting for Exempt Emission Units

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

218.692 Recordkeeping and Reporting for Subject Emission Units

SUBPART FF: BAKERY OVENS (REPEALED)

Section

218.720 Applicability (Repealed)  
218.722 Control Requirements (Repealed)  
218.726 Testing (Repealed)  
218.727 Monitoring (Repealed)  
218.728 Recordkeeping and Reporting (Repealed)  
218.729 Compliance Date (Repealed)  
218.730 Certification (Repealed)

SUBPART GG: MARINE TERMINALS

Section

218.760 Applicability  
218.762 Control Requirements  
218.764 Compliance Certification  
218.766 Leaks  
218.768 Testing and Monitoring  
218.770 Recordkeeping and Reporting

SUBPART HH: MOTOR VEHICLE REFINISHING

Section

218.780 Emission Limitations  
218.782 Alternative Control Requirements  
218.784 Equipment Specifications  
218.786 Surface Preparation Materials  
218.787 Work Practices  
218.788 Testing  
218.789 Monitoring and Recordkeeping for Control Devices  
218.790 General Recordkeeping and Reporting (Repealed)  
218.791 Compliance Date  
218.792 Registration (Repealed)  
218.875 Applicability of Subpart BB (Renumbered)  
218.877 Emissions Limitation at Polystyrene Plants (Renumbered)  
218.879 Compliance Date (Repealed)  
218.881 Compliance Plan (Repealed)



ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 218.883 Special Requirements for Compliance Plan (Repealed)
- 218.886 Emissions Testing (Renumbered)

SUBPART II: FIBERGLASS BOAT MANUFACTURING MATERIALS

Section

- 218.890 Applicability
- 218.891 Emission Limitations and Control Requirements
- 218.892 Testing Requirements
- 218.894 Recordkeeping and Reporting Requirements

SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES

Section

- 218.900 Applicability
- 218.901 Emission Limitations and Control Requirements
- 218.902 Testing Requirements
- 218.903 Monitoring Requirements
- 218.904 Recordkeeping and Reporting Requirements

SUBPART PP: MISCELLANEOUS FABRICATED PRODUCT  
MANUFACTURING PROCESSES

Section

- 218.920 Applicability
- 218.923 Permit Conditions (Repealed)
- 218.926 Control Requirements
- 218.927 Compliance Schedule
- 218.928 Testing
- 218.929 Cementable and Dress or Performance Shoe Leather

SUBPART QQ: MISCELLANEOUS FORMULATION  
MANUFACTURING PROCESSES

Section

- 218.940 Applicability
- 218.943 Permit Conditions (Repealed)
- 218.946 Control Requirements
- 218.947 Compliance Schedule
- 218.948 Testing

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

SUBPART RR: MISCELLANEOUS ORGANIC CHEMICAL  
MANUFACTURING PROCESSES

Section	
218.960	Applicability
218.963	Permit Conditions (Repealed)
218.966	Control Requirements
218.967	Compliance Schedule
218.968	Testing

SUBPART TT: OTHER EMISSION UNITS

Section	
218.980	Applicability
218.983	Permit Conditions (Repealed)
218.986	Control Requirements
218.987	Compliance Schedule
218.988	Testing

SUBPART UU: RECORDKEEPING AND REPORTING

Section	
218.990	Exempt Emission Units
218.991	Subject Emission Units

218.APPENDIX A	List of Chemicals Defining Synthetic Organic Chemical and Polymer Manufacturing
218.APPENDIX B	VOM Measurement Techniques for Capture Efficiency (Repealed)
218.APPENDIX C	Reference Methods and Procedures
218.APPENDIX D	Coefficients for the Total Resource Effectiveness Index (TRE) Equation
218.APPENDIX E	List of Affected Marine Terminals
218.APPENDIX G	TRE Index Measurements for SOCOMI Reactors and Distillation Units
218.APPENDIX H	Baseline VOM Content Limitations for Subpart F, Section 218.212 Cross-Line Averaging

AUTHORITY: Implementing Section 10 and authorized by Sections 27, 28, and 28.5 of the Environmental Protection Act [415 ILCS 5/10, 27, 28, and 28.5].

SOURCE: Adopted at R91-7 at 15 Ill. Reg. 12231, effective August 16, 1991; amended in R91-24 at 16 Ill. Reg. 13564, effective August 24, 1992; amended in R91-28 and R91-30 at 16 Ill.

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Reg. 13864, effective August 24, 1992; amended in R93-9 at 17 Ill. Reg. 16636, effective September 27, 1993; amended in R93-14 at 18 Ill. Reg. 1945, effective January 24, 1994; amended in R94-12 at 18 Ill. Reg. 14973, effective September 21, 1994; amended in R94-15 at 18 Ill. Reg. 16392, effective October 25, 1994; amended in R94-16 at 18 Ill. Reg. 16950, effective November 15, 1994; amended in R94-21, R94-31 and R94-32 at 19 Ill. Reg. 6848, effective May 9, 1995; amended in R94-33 at 19 Ill. Reg. 7359, effective May 22, 1995; amended in R96-13 at 20 Ill. Reg. 14428, effective October 17, 1996; amended in R97-24 at 21 Ill. Reg. 7708, effective June 9, 1997; amended in R97-31 at 22 Ill. Reg. 3556, effective February 2, 1998; amended in R98-16 at 22 Ill. Reg. 14282, effective July 16, 1998; amended in R02-20 at 27 Ill. Reg. 7283, effective April 8, 2003; amended in R04-12/20 at 30 Ill. Reg. 9684, effective May 15, 2006; amended in R06-21 at 31 Ill. Reg. 7086, effective April 30, 2007; amended in R08-8 at 32 Ill. Reg. 14874, effective August 26, 2008; amended in R10-10 at 34 Ill. Reg. 5330, effective March 23, 2010; amended in R10-8 at 34 Ill. Reg. 9096, effective June 25, 2010; amended in R10-20 at 34 Ill. Reg. 14174, effective September 14, 2010; amended in R10-8(A) at 35 Ill. Reg. 469, effective December 21, 2010; amended in R11-23 at 35 Ill. Reg. 13473, effective July 27, 2011; amended in R11-23(A) at 35 Ill. Reg. 18813, effective October 25, 2011; amended in R12-24 at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

SUBPART A: GENERAL PROVISIONS

**Section 218.112 Incorporations by Reference**

The following materials are incorporated by reference and do not contain any subsequent additions or amendments.

- a) American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken PA 19428-9555:
  - 1) ASTM D 2879-86
  - 2) ~~ASTM D 323-08~~ASTM D 323-82
  - 3) ASTM D 86-82
  - 4) ASTM D 369-69 (1971)
  - 5) ASTM D 396-69
  - 6) ASTM D 2880-71

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ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 7) ASTM D 975-68
- 8) ASTM D 3925-81 (1985)
- 9) ASTM E 300-86
- 10) ASTM D 1475-85
- 11) ASTM D 2369-87
- 12) ASTM D 3792-86
- 13) ASTM D 4017-81 (1987)
- 14) ASTM D 4457-85
- 15) ASTM D 2697-86
- 16) ASTM D 3980-87
- 17) ASTM E 180-85
- 18) ASTM D 2372-85
- 19) ASTM D 97-66
- 20) ASTM E 168-67 (1977)
- 21) ASTM E 169-87
- 22) ASTM E 260-91
- 23) ASTM D 2504-83
- 24) ASTM D 2382-83
- ~~25) ASTM D 323-82 (approved 1982)~~
- 25)26) ASTM D 2099-00

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ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- b) Standard Industrial Classification Manual, published by Executive Office of the President, Office of Management and Budget, Washington, D.C., 1987.
- c) American Petroleum Institute Bulletin 2517, "Evaporation Loss From Floating Roof Tanks", Second ed., February 1980.
- d) 40 CFR 60 (July 1, 1991) and 40 CFR 60, Appendix A, Method 24 (57 FR 30654, July 10, 1992).
- e) 40 CFR 61 (July 1, 1991).
- f) 40 CFR 50 (July 1, 1991).
- g) 40 CFR 51 (July 1, 1991) and 40 CFR 51, appendix M, Methods 204-204F (July 1, 1999).
- h) 40 CFR 52 (July 1, 1991).
- i) ~~40 CFR 80 (July 1, 1991) and 40 CFR 80, appendixes D, E, and F (July 1, 1993).~~
- i)j) "A Guide for Surface Coating Calculation", July 1986, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-86-016.
- j)k) "Procedures for Certifying Quantity of Volatile Organic Compounds Emitted by Paint, Ink and Other Coating" (revised June 1986), United States Environmental Protection Agency, Washington, D.C., EPA-450/3-84-019.
- k)l) "A Guide for Graphic Arts Calculations", August 1988, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-88-003.
- l)m) "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations", December 1988, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-88-018.
- m)n) "Control of Volatile Organic Emissions from Manufacturing of Synthesized Pharmaceutical Products", December 1978, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-78-029.
- n)o) "Control of Volatile Organic Compound Leaks from Gasoline Tank Trucks and Vapor Collection Systems", December 1978, Appendix B, United States

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Environmental Protection Agency, Washington, D.C., EPA-450/-78-051.

- ~~o)~~ ~~p)~~ "Control of Volatile Organic Compound Emissions from Large Petroleum Dry Cleaners", September 1982, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-82-009.
- ~~p)~~ ~~q)~~ "APTI Course SI417 Controlling Volatile Organic Compound Emissions from Leaking Process Equipment", 1982, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-82-015.
- ~~q)~~ ~~r)~~ "Portable Instrument User's Manual for Monitoring VOC Sources", June 1986, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-86-015.
- ~~r)~~ ~~s)~~ "Protocols for Generating Unit-Specific Emission Estimates for Equipment Leaks of VOC and VHAP", October 1988, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-88-010.
- ~~s)~~ ~~t)~~ "Petroleum Refinery Enforcement Manual", March 1980, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-80-008.
- ~~t)~~ ~~u)~~ "Inspection Manual for Control of Volatile Organic Emissions from Gasoline Marketing Operations: Appendix D", 1980, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-80-012.
- ~~u)~~ ~~v)~~ "Control of Hydrocarbons from Tank Truck Gasoline Loading Terminals: Appendix A", December 1977, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-77-026.
- ~~v)~~ ~~w)~~ "Technical Guidance – Stage II Vapor Recovery Systems for Control of Vehicle Refueling Emissions at Gasoline Dispensing Facilities", November 1991, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-91-022b.
- ~~w)~~ ~~x)~~ California Air Resources Board, Compliance Division. Compliance Assistance Program: Gasoline Marketing and Distribution: Gasoline Facilities Phase I & II (October 1988, rev. November 1993) (CARB Manual).
- ~~x)~~ ~~y)~~ South Coast Air Quality Management District (SCAQMD), Applied Science & Technology Division, Laboratory Services Branch, SCAQMD Method 309-91, Determination of Static Volatile Emissions (February 1993).

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- ~~y)z)~~ South Coast Air Quality Management District (SCAQMD), Applied Science & Technology Division, Laboratory Services Branch, SCAQMD Method 312-91, Determination of Percent Monomer in Polyester Resins (April 1996).
- ~~z)aa)~~ "Guidelines for Determining Capture Efficiency", January 1995, Office of Air Quality Planning and Standards, United States Environmental Protection Agency, Research Triangle Park NC.
- ~~aa)bb)~~ Memorandum "Revised Capture Efficiency Guidance for Control of Volatile Organic Compound Emissions", February 1995, John S. Seitz, Director, Office of Air Quality Planning and Standards, United States Environmental Protection Agency.
- ~~bb)ee)~~ "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Primer-Surfacer and Topcoat Operations", September 2008, United States Environmental Protection Agency, Washington, D.C., EPA-453/R-08-002.
- ~~cc)dd)~~ 40 CFR 63, ~~subpart~~Subpart P PPP, appendix A (2008).
- ~~dd)ee)~~ 46 CFR ~~subchapter~~Subchapter Q (2007).
- ~~ee)ff)~~ 46 CFR ~~subchapter~~Subchapter T (2008).

(Source: Amended at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART B: ORGANIC EMISSIONS FROM STORAGE AND LOADING OPERATIONS

**Section 218.128 Monitoring VOL Operations**

- a) Except as provided in subsection (d)~~below~~, the owner or operator of each storage vessel with a design capacity greater than or equal to 40,000 gallons storing a liquid with a maximum true vapor pressure that is normally less than 0.75 psia shall notify the Agency within 30 days when the maximum true vapor pressure of the liquid exceeds 0.75 psia.
- b) Available data on the storage temperature may be used to determine the maximum true vapor pressure.

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ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.
- 2) For other liquids, the vapor pressure:
  - A) Determined by ASTM Method D 879-83, incorporated by reference at Section 218.112(a)~~218.112(a)(1)~~ of this Part;
  - B) Measured by an appropriate method approved by the Agency and USEPA; or
  - C) Calculated by an appropriate method approved by the Agency and USEPA.
- c) The owner or operator of each vessel storing a mixture of indeterminate or variable composition shall be subject to the following:
  - 1) Prior to the initial filling of the vessel, the maximum true vapor pressure for the range of anticipated liquid compositions to be stored will be determined using the methods described in subsection (b)~~-above~~.
  - 2) For vessels in which the vapor pressure of the anticipated liquid composition is 0.5 psia or greater but less than 0.75 psia, an initial physical test of the vapor pressure is required; a physical test at least once every 6 months thereafter is required as determined by the following methods:
    - A) ASTM Method D 2879-83, incorporated by reference at Section 218.112(a)~~218.112(a)(1)~~ of this Part;
    - B) ASTM Method D 323-08~~D323-82~~, incorporated by reference at Section 218.112(a)~~218.112(a)(25)~~ of this Part; or
    - C) As measured by an appropriate method approved by the Agency.
- d) The owner or operator of each vessel equipped with a closed vent system and



ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

control device meeting the specifications of Section 218.120 of this Subpart is exempt from the requirements of subsections (a) and (b) above.

(Source: Amended at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART Y: GASOLINE DISTRIBUTION

**Section 218.585 Gasoline Volatility Standards (Repealed)**

- a) ~~No person shall sell, offer for sale, dispense, supply, offer for supply, or transport for use in Illinois gasoline whose Reid vapor pressure exceeds the applicable limitations set forth in subsections (b) and (c) of this Section during the regulatory control periods, which shall be May 1 to September 15 for retail outlets, wholesale purchaser-consumer, operations, and all other operations.~~
- b) ~~The Reid vapor pressure of gasoline, a measure of its volatility, shall not exceed 9.0 psi (62.07 kPa) during the regulatory control period in 1990 and each year thereafter.~~
- e) ~~The Reid vapor pressure of ethanol blend gasolines shall not exceed the limitations for gasoline set forth in subsection (b) of this Section by more than 1.0 psi (6.9 kPa). Notwithstanding this limitation, blenders of ethanol blend gasolines whose Reid vapor pressure is less than 1.0 psi above the base stock gasoline immediately after blending with ethanol are prohibited from adding butane or any product that will increase the Reid vapor pressure of the blended gasoline.~~
- d) ~~All sampling of gasoline required pursuant to the provisions of this Section shall be conducted by one or more of the following approved methods or procedures which are incorporated by reference in Section 215.105.~~
  - 1) ~~For manual sampling, ASTM D4057;~~
  - 2) ~~For automatic sampling, ASTM D4177;~~
  - 3) ~~Sampling procedures for Fuel Volatility, 40 CFR 80, Appendix D.~~
- e) ~~The Reid vapor pressure of gasoline shall be measured in accordance with either test method ASTM D323 or a modification of ASTM D323 known as the "dry method" as set forth in 40 CFR 80, Appendix E, incorporated by reference in 35 Ill. Adm. Code 218.112 of this Part. For gasoline-oxygenate blends which~~

ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

~~contain water extractable oxygenates, the Reid vapor pressure shall be measured using the dry method test.~~

- f) ~~The ethanol content of ethanol blend gasolines shall be determined by use of one of the approved testing methodologies specified in 40 CFR 80, Appendix F, incorporated by reference in 35 Ill. Adm. Code 218.112 of this Part.~~
- g) ~~Any alternate to the sampling or testing methods or procedures contained in subsections (d), (e), and (f) of this Section must be approved by the Agency, which shall consider data comparing the performance of the proposed alternative to the performance of one or more approved test methods or procedures. Such data shall accompany any request for Agency approval of any alternate test procedure. If the Agency determines that such data demonstrates that the proposed alternative will achieve results equivalent to the approved test methods or procedures, the Agency shall approve the proposed alternative.~~
- h) ~~Each refiner or supplier that distributes gasoline or ethanol blends shall:~~
  - 1) ~~During the regulatory control period, state that the Reid vapor pressure of all gasoline or ethanol blends leaving the refinery or distribution operation for use in Illinois complies with the Reid vapor pressure limitations set forth in 35 Ill. Adm. Code 218.585(b) and (c). Any operation receiving this gasoline shall be provided with a copy of an invoice, bill of lading, or other documentation used in normal business practice stating that the Reid vapor pressure of the gasoline complies with the State Reid vapor pressure standard.~~
  - 2) ~~Maintain records for a period of one year on the Reid vapor pressure, quantity shipped and date of delivery of any gasoline or ethanol blends leaving the refinery or distribution operation for use in Illinois. The Agency shall be provided with copies of such records if requested.~~

(Source: Repealed at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART HH: MOTOR VEHICLE REFINISHING

**Section 218.784 Equipment Specifications**

Every owner or operator of a motor vehicle refinishing operation, unless the source uses less than 20 gallons of coating per calendar year from all motor vehicle refinishing operations combined,

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

shall:

- a) Coat motor vehicles, mobile equipment, or their parts and components using one of the following coating applicators:
  - 1) Electrostatic spray equipment calibrated, operated and maintained in accordance with the manufacturer's specifications; ~~or~~
  - 2) High Volume Low Pressure (HVLP) spray equipment calibrated, operated and maintained in accordance with the manufacturer's specifications; or and
  - 3) An equivalent coating applicator technology that is demonstrated by the manufacturer to achieve transfer efficiency comparable to the HVLP spray equipment technology listed in subsection (a)(2) of this Section for a comparable operation, and for which written approval has been obtained from USEPA. The owner or operator must maintain documentation of USEPA's approval at the motor vehicle refinishing operation; and
- b) Clean all coating applicators with a device that:
  - 1) Recirculates solvent during the cleaning process;
  - 2) Collects spent solvent so it is available for disposal or recycling; and
  - 3) Minimizes evaporation of solvents during cleaning, rinsing, draining, and storage.

(Source: Amended at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 218.792 Registration (Repealed)**

- a) ~~Every owner or operator of a motor vehicle refinishing operation shall register with the Agency on or before the date specified in Section 218.791 of this Subpart. The following information shall be included in this registration:~~
  - 1) ~~The name and address of the source, and the name and telephone number of the person responsible for submitting the registration information;~~
  - 2) ~~A description of all coating operations of motor vehicles, mobile~~

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

~~equipment, or their parts or components, and all associated surface preparation operations at the source;~~

- ~~3) A description of all coating applicators used at the source to comply with Section 218.784(a) of this Subpart, if applicable;~~
  - ~~4) A description of all cleanup operations at the source, including equipment used to comply with Section 218.784(b) of this Subpart, if applicable;~~
  - ~~5) A description of all work practices at the source used to comply with Section 218.787 of this Subpart;~~
  - ~~6) If a source claims to be exempt from the equipment requirements in Section 218.784 of this Subpart because it uses less than 20 gallons of coating per year, the owner's or operator's certification that the annual usage is below this level;~~
  - ~~7) A written declaration stating whether the source is complying with this Subpart by using coatings that comply with the applicable VOM content limits in Section 218.780 of this Subpart or by control equipment as specified in Section 218.782; and~~
  - ~~8) A description of any control devices used to comply with Section 218.782 of this Subpart and the date(s) the device was installed and became operational.~~
- b) ~~At least 30 calendar days before changing the method of compliance to or from Sections 218.780 and 218.782, the owner or operator of a motor vehicle refinishing operation shall notify the Agency and certify that the source is in compliance with the applicable requirements for the new method of compliance.~~

(Source: Repealed at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

## POLLUTION CONTROL BOARD

## NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: Organic Material Emission Standards and Limitations for the Metro East Area
- 2) Code Citation: 35 Ill. Adm. Code 219
- 3) Section Number:      Adopted Action:  
219.112                      Amend  
219.128                      Amend  
219.585                      Repeal  
219.784                      Amend  
219.792                      Repeal
- 4) Statutory Authority: Implementing Section 10 and authorized by Sections 27 and 28 of the Environmental Protection Act [415 ILCS 5/10, 27, and 28].
- 5) Effective Date of Amendments: JAN 28 2013
- 6) Does this rulemaking contain an automatic repeal date? No.
- 7) Do these amendments contain incorporations by reference? Yes. Section 219.112 is the centralized listing of all documents incorporated by reference in Part 21.
- 8) The adopted amendments, including incorporations by reference, are on file in the Board's Chicago office at the James R. Thompson Center, 100 W. Randolph, Suite 11-500, and are available there for public inspection.
- 9) Notice of Proposal Published in Illinois Register: May 19, 2012; 36 Ill. Ill. Reg. 6975
- 10) Has JCAR issued a Statement of Objections to these amendments? No.
- 11) Differences between proposal and final version: None.
- 12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreements letter issued by JCAR? Yes.
- 13) Will these amendments replace emergency amendments currently in effect? No.
- 14) Are there any amendments pending on this Part? No.

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JAN 28 2013

SOS-CODE DIV.

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 15) Summary and Purpose of Amendments:
- 16) Information and questions regarding this adopted amendment shall be directed to:

Kathleen Crowley  
Illinois Pollution Control Board  
100 W. Randolph 11-500  
Chicago, IL 60601

312-814-6929

Copies of the Board's opinions and orders may be requested from the Clerk of the Board at the address listed in #8 above or by calling 312/814-3620. Please refer to the Docket number R12-24 in your request. The Board order is also available from the Board's Web site ([www.ipcb.state.il.us](http://www.ipcb.state.il.us)).

The full text of the Adopted Amendments begins on the next page:

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

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

PART 219  
ORGANIC MATERIAL EMISSION STANDARDS AND LIMITATIONS  
FOR THE METRO EAST AREA

SUBPART A: GENERAL PROVISIONS

Section	
219.100	Introduction
219.101	Savings Clause
219.102	Abbreviations and Conversion Factors
219.103	Applicability
219.104	Definitions
219.105	Test Methods and Procedures
219.106	Compliance Dates
219.107	Operation of Afterburners
219.108	Exemptions, Variations, and Alternative Means of Control or Compliance Determinations
219.109	Vapor Pressure of Volatile Organic Liquids
219.110	Vapor Pressure of Organic Material or Solvent
219.111	Vapor Pressure of Volatile Organic Material
219.112	Incorporations by Reference
219.113	Monitoring for Negligibly-Reactive Compounds

SUBPART B: ORGANIC EMISSIONS FROM STORAGE AND LOADING OPERATIONS

Section	
219.119	Applicability for VOL
219.120	Control Requirements for Storage Containers of VOL
219.121	Storage Containers of VPL
219.122	Loading Operations
219.123	Petroleum Liquid Storage Tanks
219.124	External Floating Roofs
219.125	Compliance Dates
219.126	Compliance Plan (Repealed)

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 219.127 Testing VOL Operations
- 219.128 Monitoring VOL Operations
- 219.129 Recordkeeping and Reporting for VOL Operations

SUBPART C: ORGANIC EMISSIONS FROM MISCELLANEOUS EQUIPMENT

- Section
- 219.141 Separation Operations
- 219.142 Pumps and Compressors
- 219.143 Vapor Blowdown
- 219.144 Safety Relief Valves

SUBPART E: SOLVENT CLEANING

- Section
- 219.181 Solvent Cleaning Degreasing Operations
- 219.182 Cold Cleaning
- 219.183 Open Top Vapor Degreasing
- 219.184 Conveyorized Degreasing
- 219.185 Compliance Schedule (Repealed)
- 219.186 Test Methods
- 219.187 Other Industrial Solvent Cleaning Operations

SUBPART F: COATING OPERATIONS

- Section
- 219.204 Emission Limitations
- 219.205 Daily-Weighted Average Limitations
- 219.206 Solids Basis Calculation
- 219.207 Alternative Emission Limitations
- 219.208 Exemptions From Emission Limitations
- 219.209 Exemption From General Rule on Use of Organic Material
- 219.210 Compliance Schedule
- 219.211 Recordkeeping and Reporting
- 219.212 Cross-Line Averaging to Establish Compliance for Coating Lines
- 219.213 Recordkeeping and Reporting for Cross-Line Averaging Participating Coating Lines
- 219.214 Changing Compliance Methods
- 219.215 Wood Furniture Coating Averaging Approach
- 219.216 Wood Furniture Coating Add-On Control Use



ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 219.217 Wood Furniture Coating and Flat Wood Paneling Coating Work Practice Standards
- 219.218 Work Practice Standards for Paper Coatings, Metal Furniture Coatings, and Large Appliance Coatings
- 219.219 Work Practice Standards for Automobile and Light-Duty Truck Assembly Coatings and Miscellaneous Metal and Plastic Parts Coatings

SUBPART G: USE OF ORGANIC MATERIAL

- Section
- 219.301 Use of Organic Material
- 219.302 Alternative Standard
- 219.303 Fuel Combustion Emission Units
- 219.304 Operations with Compliance Program

SUBPART H: PRINTING AND PUBLISHING

- Section
- 219.401 Flexographic and Rotogravure Printing
- 219.402 Applicability
- 219.403 Compliance Schedule
- 219.404 Recordkeeping and Reporting
- 219.405 Lithographic Printing: Applicability
- 219.406 Provisions Applying to Heatset Web Offset Lithographic Printing Prior to March 15, 1996 (Repealed)
- 219.407 Emission Limitations and Control Requirements for Lithographic Printing Lines
- 219.408 Compliance Schedule for Lithographic Printing On and After March 15, 1996 (Repealed)
- 219.409 Testing for Lithographic Printing
- 219.410 Monitoring Requirements for Lithographic Printing
- 219.411 Recordkeeping and Reporting for Lithographic Printing
- 219.412 Letterpress Printing Lines: Applicability
- 219.413 Emission Limitations and Control Requirements for Letterpress Printing Lines
- 219.415 Testing for Letterpress Printing Lines
- 219.416 Monitoring Requirements for Letterpress Printing Lines
- 219.417 Recordkeeping and Reporting for Letterpress Printing Lines

SUBPART Q: SYNTHETIC ORGANIC CHEMICAL AND  
POLYMER MANUFACTURING PLANT

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Section	
219.421	General Requirements
219.422	Inspection Program Plan for Leaks
219.423	Inspection Program for Leaks
219.424	Repairing Leaks
219.425	Recordkeeping for Leaks
219.426	Report for Leaks
219.427	Alternative Program for Leaks
219.428	Open-Ended Valves
219.429	Standards for Control Devices
219.430	Compliance Date (Repealed)
219.431	Applicability
219.432	Control Requirements
219.433	Performance and Testing Requirements
219.434	Monitoring Requirements
219.435	Recordkeeping and Reporting Requirements
219.436	Compliance Date

SUBPART R: PETROLEUM REFINING AND  
RELATED INDUSTRIES; ASPHALT MATERIALS

Section	
219.441	Petroleum Refinery Waste Gas Disposal
219.442	Vacuum Producing Systems
219.443	Wastewater (Oil/Water) Separator
219.444	Process Unit Turnarounds
219.445	Leaks: General Requirements
219.446	Monitoring Program Plan for Leaks
219.447	Monitoring Program for Leaks
219.448	Recordkeeping for Leaks
219.449	Reporting for Leaks
219.450	Alternative Program for Leaks
219.451	Sealing Device Requirements
219.452	Compliance Schedule for Leaks
219.453	Compliance Dates (Repealed)

SUBPART S: RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS

Section	
219.461	Manufacture of Pneumatic Rubber Tires

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 219.462 Green Tire Spraying Operations
- 219.463 Alternative Emission Reduction Systems
- 219.464 Emission Testing
- 219.465 Compliance Dates (Repealed)
- 219.466 Compliance Plan (Repealed)

SUBPART T: PHARMACEUTICAL MANUFACTURING

- Section
- 219.480 Applicability
- 219.481 Control of Reactors, Distillation Units, Crystallizers, Centrifuges and Vacuum Dryers
- 219.482 Control of Air Dryers, Production Equipment Exhaust Systems and Filters
- 219.483 Material Storage and Transfer
- 219.484 In-Process Tanks
- 219.485 Leaks
- 219.486 Other Emission Units
- 219.487 Testing
- 219.488 Monitoring for Air Pollution Control Equipment
- 219.489 Recordkeeping for Air Pollution Control Equipment

SUBPART V: BATCH OPERATIONS AND AIR OXIDATION PROCESSES

- Section
- 219.500 Applicability for Batch Operations
- 219.501 Control Requirements for Batch Operations
- 219.502 Determination of Uncontrolled Total Annual Mass Emissions and Actual Weighted Average Flow Rate Values for Batch Operations
- 219.503 Performance and Testing Requirements for Batch Operations
- 219.504 Monitoring Requirements for Batch Operations
- 219.505 Reporting and Recordkeeping for Batch Operations
- 219.506 Compliance Date
- 219.520 Emission Limitations for Air Oxidation Processes
- 219.521 Definitions (Repealed)
- 219.522 Savings Clause
- 219.523 Compliance
- 219.524 Determination of Applicability
- 219.525 Emission Limitations for Air Oxidation Processes (Renumbered)
- 219.526 Testing and Monitoring
- 219.527 Compliance Date (Repealed)

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

SUBPART W: AGRICULTURE

Section  
219.541 Pesticide Exception

SUBPART X: CONSTRUCTION

Section  
219.561 Architectural Coatings  
219.562 Paving Operations  
219.563 Cutback Asphalt

SUBPART Y: GASOLINE DISTRIBUTION

Section  
219.581 Bulk Gasoline Plants  
219.582 Bulk Gasoline Terminals  
219.583 Gasoline Dispensing Operations – Storage Tank Filling Operations  
219.584 Gasoline Delivery Vessels  
219.585 Gasoline Volatility Standards (Repealed)  
219.586 Gasoline Dispensing Operations – Motor Vehicle Fueling Operations (Repealed)

SUBPART Z: DRY CLEANERS

Section  
219.601 Perchloroethylene Dry Cleaners (Repealed)  
219.602 Exemptions (Repealed)  
219.603 Leaks (Repealed)  
219.604 Compliance Dates (Repealed)  
219.605 Compliance Plan (Repealed)  
219.606 Exception to Compliance Plan (Repealed)  
219.607 Standards for Petroleum Solvent Dry Cleaners  
219.608 Operating Practices for Petroleum Solvent Dry Cleaners  
219.609 Program for Inspection and Repair of Leaks  
219.610 Testing and Monitoring  
219.611 Exemption for Petroleum Solvent Dry Cleaners  
219.612 Compliance Dates (Repealed)  
219.613 Compliance Plan (Repealed)

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

SUBPART AA: PAINT AND INK MANUFACTURING

Section	
219.620	Applicability
219.621	Exemption for Waterbase Material and Heatset-Offset Ink
219.623	Permit Conditions
219.624	Open-Top Mills, Tanks, Vats or Vessels
219.625	Grinding Mills
219.626	Storage Tanks
219.628	Leaks
219.630	Clean Up
219.636	Compliance Schedule
219.637	Recordkeeping and Reporting

SUBPART BB: POLYSTYRENE PLANTS

Section	
219.640	Applicability
219.642	Emissions Limitation at Polystyrene Plants
219.644	Emissions Testing

SUBPART FF: BAKERY OVENS

Section	
219.720	Applicability (Repealed)
219.722	Control Requirements (Repealed)
219.726	Testing (Repealed)
219.727	Monitoring (Repealed)
219.728	Recordkeeping and Reporting (Repealed)
219.729	Compliance Date (Repealed)
219.730	Certification (Repealed)

SUBPART GG: MARINE TERMINALS

Section	
219.760	Applicability
219.762	Control Requirements
219.764	Compliance Certification
219.766	Leaks
219.768	Testing and Monitoring

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

219.770 Recordkeeping and Reporting

SUBPART HH: MOTOR VEHICLE REFINISHING

Section

219.780 Emission Limitations  
219.782 Alternative Control Requirements  
219.784 Equipment Specifications  
219.786 Surface Preparation Materials  
219.787 Work Practices  
219.788 Testing  
219.789 Monitoring and Recordkeeping for Control Devices  
219.790 General Recordkeeping and Reporting (Repealed)  
219.791 Compliance Date  
219.792 Registration (Repealed)  
219.875 Applicability of Subpart BB (Renumbered)  
219.877 Emissions Limitation at Polystyrene Plants (Renumbered)  
219.879 Compliance Date (Repealed)  
219.881 Compliance Plan (Repealed)  
219.883 Special Requirements for Compliance Plan (Repealed)  
219.886 Emissions Testing (Renumbered)

SUBPART II: FIBERGLASS BOAT MANUFACTURING MATERIALS

Section

219.890 Applicability  
219.891 Emission Limitations and Control Requirements  
219.892 Testing and Monitoring Requirements  
219.894 Recordkeeping and Reporting Requirements

SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES

Section

219.900 Applicability  
219.901 Emission Limitations and Control Requirements  
219.902 Testing Requirements  
219.903 Monitoring Requirements  
219.904 Recordkeeping and Reporting Requirements

SUBPART PP: MISCELLANEOUS FABRICATED PRODUCT

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

MANUFACTURING PROCESSES

Section  
219.920      Applicability  
219.923      Permit Conditions  
219.926      Control Requirements  
219.927      Compliance Schedule  
219.928      Testing

SUBPART QQ: MISCELLANEOUS FORMULATION  
MANUFACTURING PROCESSES

Section  
219.940      Applicability  
219.943      Permit Conditions  
219.946      Control Requirements  
219.947      Compliance Schedule  
219.948      Testing

SUBPART RR: MISCELLANEOUS ORGANIC CHEMICAL  
MANUFACTURING PROCESSES

Section  
219.960      Applicability  
219.963      Permit Conditions  
219.966      Control Requirements  
219.967      Compliance Schedule  
219.968      Testing

SUBPART TT: OTHER EMISSION UNITS

Section  
219.980      Applicability  
219.983      Permit Conditions  
219.986      Control Requirements  
219.987      Compliance Schedule  
219.988      Testing

SUBPART UU: RECORDKEEPING AND REPORTING

ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Section

219.990 Exempt Emission Units  
219.991 Subject Emission Units

219.APPENDIX A List of Chemicals Defining Synthetic Organic Chemical and Polymer Manufacturing  
219.APPENDIX B VOM Measurement Techniques for Capture Efficiency (Repealed)  
219.APPENDIX C Reference Methods and Procedures  
219.APPENDIX D Coefficients for the Total Resource Effectiveness Index (TRE) Equation  
219.APPENDIX E List of Affected Marine Terminals  
219.APPENDIX G TRE Index Measurements for SOCOMI Reactors and Distillation Units  
219.APPENDIX H Baseline VOM Content Limitations for Subpart F, Section 219.212 Cross-Line Averaging

AUTHORITY: Implementing Section 10 and authorized by Sections 27, 28 and 28.5 of the Environmental Protection Act [415 ILCS 5/10, 27, 28 and 28.5].

SOURCE: Adopted in R91-8 at 15 Ill. Reg. 12491, effective August 16, 1991; amended in R91-24 at 16 Ill. Reg. 13597, effective August 24, 1992; amended in R91-30 at 16 Ill. Reg. 13883, effective August 24, 1992; emergency amendment in R93-12 at 17 Ill. Reg. 8295, effective May 24, 1993, for a maximum of 150 days; amended in R93-9 at 17 Ill. Reg. 16918, effective September 27, 1993 and October 21, 1993; amended in R93-28 at 18 Ill. Reg. 4242, effective March 3, 1994; amended in R94-12 at 18 Ill. Reg. 14987, effective September 21, 1994; amended in R94-15 at 18 Ill. Reg. 16415, effective October 25, 1994; amended in R94-16 at 18 Ill. Reg. 16980, effective November 15, 1994; emergency amendment in R95-10 at 19 Ill. Reg. 3059, effective February 28, 1995, for a maximum of 150 days; amended in R94-21, R94-31 and R94-32 at 19 Ill. Reg. 6958, effective May 9, 1995; amended in R94-33 at 19 Ill. Reg. 7385, effective May 22, 1995; amended in R96-2 at 20 Ill. Reg. 3848, effective February 15, 1996; amended in R96-13 at 20 Ill. Reg. 14462, effective October 28, 1996; amended in R97-24 at 21 Ill. Reg. 7721, effective June 9, 1997; amended in R97-31 at 22 Ill. Reg. 3517, effective February 2, 1998; amended in R04-12/20 at 30 Ill. Reg. 9799, effective May 15, 2006; amended in R06-21 at 31 Ill. Reg. 7110, effective April 30, 2007; amended in R10-10 at 34 Ill. Reg. 5392, effective March 23, 2010; amended in R10-8 at 34 Ill. Reg. 9253, effective June 25, 2010; amended in R10-20 at 34 Ill. Reg. 14326, effective September 14, 2010; amended in R10-8(A) at 35 Ill. Reg. 496, effective December 21, 2010; amended in R11-23 at 35 Ill. Reg. 13676, effective July 27, 2011; amended in R11-23(A) at 35 Ill. Reg. 18830, effective October 25, 2011; amended in R12-24 at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

SUBPART A: GENERAL PROVISIONS



ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

**Section 219.112 Incorporations by Reference**

The following materials are incorporated by reference and do not contain any subsequent additions or amendments:

- a) American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken PA 19428-9555
  - 1) ASTM D 2879-86
  - 2) ~~ASTM D 323-08~~ ~~ASTM D 323-82~~
  - 3) ASTM D 86-82
  - 4) ASTM D 369-69 (1971)
  - 5) ASTM D 396-69
  - 6) ASTM D 2880-71
  - 7) ASTM D 975-68
  - 8) ASTM D 3925-81 (1985)
  - 9) ASTM E 300-86
  - 10) ASTM D 1475-85
  - 11) ASTM D 2369-87
  - 12) ASTM D 3792-86
  - 13) ASTM D 4017-81 (1987)
  - 14) ASTM D 4457-85
  - 15) ASTM D 2697-86
  - 16) ASTM D 3980-87

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 17) ASTM E 180-85
- 18) ASTM D 2372-85
- 19) ASTM D 97-66
- 20) ASTM E 168-87 (1977)
- 21) ASTM E 169-87
- 22) ASTM E 260-91
- 23) ASTM D 2504-83
- 24) ASTM D 2382-83
- 25) ~~ASTM D 323-82 (approved 1982)~~
- b) Standard Industrial Classification Manual, published by Executive Office of the President, Office of Management and Budget, Washington, D.C., 1987.
- c) American Petroleum Institute Bulletin 2517, "Evaporation Loss From Floating Roof Tanks", Second ed., February 1980.
- d) 40 CFR 60 (July 1, 1991).
- e) 40 CFR 61 (July 1, 1991).
- f) 40 CFR 50 (July 1, 1991).
- g) 40 CFR 51 (July 1, 1991) and 40 CFR 51, appendix M, Methods 204-204F (July 1, 1999).
- h) 40 CFR 52 (July 1, 1991).
- i) ~~40 CFR 80 (July 1, 1991) and 40 CFR 80, appendixes D, E, and F (July 1, 1993).~~
- i) "A Guide for Surface Coating Calculation", July 1986, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-86-016.

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- j)k) "Procedures for Certifying Quantity of Volatile Organic Compounds Emitted by Paint, Ink and Other Coating"; (revised June 1986), United States Environmental Protection Agency, Washington D.C., EPA-450/3-84-019.
- k)l) "A Guide for Graphic Arts Calculations", August 1988, United States Environmental Protection Agency, Washington D.C., EPA-340/1-88-003.
- l)m) "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations", December 1988, United States Environmental Protection Agency, Washington D.C., EPA-450/3-88-018.
- m)n) "Control of Volatile Organic Emissions from Manufacturing of Synthesized Pharmaceutical Products", December 1978, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-78-029.
- n)o) "Control of Volatile Organic Compound Leaks from Gasoline Tank Trucks and Vapor Collection Systems", December 1978, Appendix B, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-78-051.
- o)p) "Control of Volatile Organic Compound Emissions from Large Petroleum Dry Cleaners", September 1982, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-82-009.
- p)q) "APTI Course SI417 Controlling Volatile Organic Compound Emissions from Leaking Process Equipment", 1982, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-82-015.
- q)r) "Portable Instrument User's Manual for Monitoring VOM Sources", June 1986, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-86-015.
- r)s) "Protocols for Generating Unit-Specific Emission Estimates for Equipment Leaks of VOM and VHAP", October 1988, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-88-010.
- s)t) "Petroleum Refinery Enforcement Manual", March 1980, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-80-008.
- t)u) "Inspection Manual for Control of Volatile Organic Emissions from Gasoline

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Marketing Operations: Appendix D", 1980, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-80-012.

- ~~u)w)~~ "Control of Hydrocarbons from Tank Truck Gasoline Loading Terminals: Appendix A", December 1977, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-77-026.
- ~~v)w)~~ "Technical Guidance-Stage II Vapor Recovery Systems for Control of Vehicle Refueling Emissions at Gasoline Dispensing Facilities", November 1991, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-91-022b.
- ~~w)x)~~ California Air Resources Board, Compliance Division. Compliance Assistance Program: Gasoline Marketing and Distribution: Gasoline Facilities Phase I & II (October 1988, rev. November 1993) (CARB Manual).
- ~~x)y)~~ "Guidelines for Determining Capture Efficiency", January 1995, Office of Air Quality Planning and Standards, United States Environmental Protection Agency, Research Triangle Park NC.
- ~~y)z)~~ Memorandum "Revised Capture Efficiency Guidance for Control of Volatile Organic Compound Emissions", February 1995, John S. Seitz, Director, Office of Air Quality Planning and Standards, United States Environmental Protection Agency.
- ~~z)aa)~~ "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Primer-Surfacer and Topcoat Operations", September 2008, United States Environmental Protection Agency, Washington, D.C., EPA-453/R-08-002.
- ~~aa)bb)~~ 40 CFR 63 ~~subpart~~Subpart PPPP, appendix A (2008).
- ~~bb)ee)~~ 46 CFR ~~subchapter~~Subchapter Q (2007).
- ~~cc)dd)~~ 46 CFR ~~subchapter~~Subchapter T (2008).

(Source: Amended at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART B: ORGANIC EMISSIONS FROM STORAGE AND LOADING OPERATIONS

**Section 219.128 Monitoring VOL Operations**

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- a) Except as provided in subsection (d) ~~below~~, the owner or operator of each storage vessel with a design capacity greater than or equal to 40,000 gallons storing a liquid with a maximum true vapor pressure that is normally less than 0.75 psia shall notify the Agency within 30 days when the maximum true vapor pressure of the liquid exceeds 0.75 psia.
- b) Available data on the storage temperature may be used to determine the maximum true vapor pressure.
  - 1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.
  - 2) For other liquids, the vapor pressure:
    - A) Determined by ASTM Method D2879-83, incorporated by reference at Section 219.112(a) ~~219.112(a)(1)~~ of this Part;
    - B) Measured by an appropriate method approved by the Agency and USEPA; or
    - C) Calculated by an appropriate method approved by the Agency and USEPA.
- c) The owner or operator of each vessel storing a mixture of indeterminate or variable composition shall be subject to the following:
  - 1) Prior to the initial filling of the vessel, the maximum true vapor pressure for the range of anticipated liquid compositions to be stored will be determined using the methods described in subsection (b) ~~above~~.
  - 2) For vessels in which the vapor pressure of the anticipated liquid composition is 0.5 psia or greater but less than 0.75 psia, an initial physical test of the vapor pressure is required; a physical test at least once every 6 months thereafter is required as determined by the following methods:

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- A) ASTM Method D2879-83, incorporated by reference at Section ~~219.112(a)~~219.112(a)(1) of this Part;
  - B) ASTM Method ~~D323-08~~D323-82, incorporated by reference at Section ~~219.112(a)~~219.112(a)(25) of this Part; or
  - C) As measured by an appropriate method approved by the Agency.
- d) The owner or operator of each vessel equipped with a closed vent system and control device meeting the specifications of Section 219.120 of this Subpart is exempt from the requirements of subsections (a) and (b)-above.

(Source: Amended at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART Y: GASOLINE DISTRIBUTION

**Section 219.585 Gasoline Volatility Standards (Repealed)**

- a) ~~No person shall sell, offer for sale, dispense, supply, offer for supply, or transport for use in Illinois gasoline whose Reid vapor pressure exceeds the applicable limitations set forth in subsections (b) and (c) below during the regulatory control periods, which shall be June 1 to September 15.~~
- b) ~~The Reid vapor pressure of gasoline, a measure of its volatility, shall not exceed 7.2 psi (49.68 kPa) during the regulatory control period in 1995 and each year thereafter.~~
- e) ~~The Reid vapor pressure of ethanol blend gasolines having at least nine percent (9%) but not more than ten percent (10%) ethyl alcohol by volume of the blended mixture, shall not exceed the limitations for gasoline set forth in subsection (b) of this Section by more than 1.0 psi (6.9 kPa). Notwithstanding this limitation, blenders of ethanol blend gasolines whose Reid vapor pressure is less than 1.0 psi above the base stock gasoline immediately after blending with ethanol are prohibited from adding butane or any product that will increase the Reid vapor pressure of the blended gasoline.~~
- d) ~~All sampling of gasoline required pursuant to the provisions of this Section shall be conducted in accordance with the procedures contained in 40 CFR Part 80, Appendix D, Sampling Procedures for Fuel Volatility, which are incorporated by~~

ILLINOIS REGISTER

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

reference in Section 219.112 of this Part.

- e) ~~The Reid vapor pressure of gasoline shall be measured in accordance with the procedures contained in "Tests for Determining Reid Vapor Pressure (RVP) of Gasoline and Gasoline Oxygenate Blends" as set forth in 40 CFR 80, Appendix E, incorporated by reference in 35 Ill. Adm. Code 219.112 of this Part.~~
- f) ~~The ethanol content of ethanol blend gasolines shall be determined by use of one of the approved testing methodologies specified in 40 CFR Part 80, Appendix F, incorporated by reference in 35 Ill. Adm. Code 219.112 of this Part.~~
- g) ~~Any alternate to the sampling or testing methods or procedures contained in subsections (d), (e), and (f) of this Section must be approved by the Agency, which shall consider data comparing the performance of the proposed alternative to the performance of one or more approved test methods or procedures. Such data shall accompany any request for Agency approval of any alternate test procedure. If the Agency determines that such data demonstrates that the proposed alternative will achieve results equivalent to the approved test methods or will achieve results equivalent to the approved test methods or procedures, the Agency shall approve the proposed alternative.~~
- h) Recordkeeping and reporting:
  - 1) Each refiner or supplier that distributes gasoline or ethanol blends shall:
    - A) ~~During the regulatory control period, state that the Reid vapor pressure of all gasoline or ethanol blends leaving the refinery or distribution facility for use in Illinois complies with the Reid vapor pressure limitations set forth in 35 Ill. Adm. Code 219.585(b) and (c) of this Part. Any source receiving this gasoline shall be provided with a copy of an invoice, bill of lading, or other documentation used in normal business practice stating that the Reid vapor pressure of the gasoline complies with the State Reid vapor pressure standard.~~
    - B) ~~Maintain records for a period of three years on the Reid vapor pressure, quantity shipped and date of delivery of any gasoline or ethanol blends leaving the refinery or distribution facility for use in Illinois. The Agency shall be provided with copies of such records if requested.~~

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 2) ~~Records and reports required by subsections (h)(2)(A) and (h)(2)(B) below shall be made available to the Agency upon request. During the regulatory control period, the owner or operator of a gasoline dispensing operation subject to this Section shall:~~
- A) ~~Retain a copy of an invoice, bill of lading, or other documentation used in normal business practice stating that the Reid vapor pressure of the gasoline complies with the State Reid vapor pressure standard as provided in subsection (h)(1)(A) above; and~~
  - B) ~~Maintain records for a period of three years on the Reid vapor pressure, quantity received and date of delivery of any gasoline or ethanol blends arriving at the gasoline operation.~~

(Source: Repealed at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

SUBPART HH: MOTOR VEHICLE REFINISHING

**Section 219.784 Equipment Specifications**

Every owner or operator of a motor vehicle refinishing operation, unless the source uses less than 20 gallons of coating per calendar year from all motor vehicle refinishing operations combined, shall:

- a) Coat motor vehicles, mobile equipment, or their parts and components using one of the following coating applicators:
  - 1) Electrostatic spray equipment calibrated, operated and maintained in accordance with the manufacturer's specifications; ~~or~~
  - 2) High Volume Low Pressure (HVLP) spray equipment calibrated, operated and maintained in accordance with the manufacturer's specifications; or
  - 3) An equivalent coating applicator technology that is demonstrated by the manufacturer to achieve transfer efficiency comparable to the HVLP spray equipment technology listed in subsection (a)(2) of this Section for a comparable operation, and for which written approval has been obtained



ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

from USEPA. The owner or operator must maintain documentation of USEPA's approval at the motor vehicle refinishing operation; and

- b) Clean all coating applicators with a device that:
  - 1) Recirculates solvent during the cleaning process;
  - 2) Collects spent solvent so it is available for disposal or recycling; and
  - 3) Minimizes evaporation of solvents during cleaning, rinsing, draining, and storage.

(Source: Amended at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 219.792 Registration (Repealed)**

- a) ~~Every owner or operator of a motor vehicle refinishing operation shall register with the Agency on or before the date specified in Section 219.791 of this Subpart. The following information shall be included in this registration:~~
  - 1) ~~The name and address of the source, and the name and telephone number of the person responsible for submitting the registration information;~~
  - 2) ~~A description of all coating operations of motor vehicles, mobile equipment, or their parts or components, and all associated surface preparation operations at the source;~~
  - 3) ~~A description of all coating applicators used at the source to comply with Section 219.784(a) of this Subpart, if applicable;~~
  - 4) ~~A description of all cleanup operations at the source, including equipment used to comply with Section 219.784(b) of this Subpart, if applicable;~~
  - 5) ~~A description of all work practices at the source used to comply with Section 219.787 of this Subpart;~~
  - 6) ~~If a source claims to be exempt from the equipment requirements in Section 219.784 of this Subpart because it uses less than 20 gallons of coating per year, the owner's or operator's certification that the annual usage is below this level;~~

ILLINOIS REGISTER

---

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 7) ~~A written declaration stating whether the source is complying with this Subpart by using coatings that comply with the applicable VOM content limits in Section 219.780 of this Subpart or by control equipment as specified in Section 219.782; and~~
- 8) ~~A description of any control devices used to comply with Section 219.782 of this Subpart and the date(s) the device was installed and became operational.~~
- b) ~~At least 30 calendar days before changing the method of compliance to or from Sections 219.780 and 219.782, the owner or operator of a motor vehicle refinishing operation shall notify the Agency and certify that the source is in compliance with the applicable requirements for the new method of compliance.~~

(Source: Repealed at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)