

ILLINOIS POLLUTION CONTROL BOARD  
September 22, 2011

IN THE MATTER OF: )  
)  
REASONABLY AVAILABLE CONTROL ) R11-23 (Subdocket A)  
TECHNOLOGY (RACT) FOR VOLATILE ) (Rulemaking - Air)  
ORGANIC MATERIAL EMISSIONS FROM )  
GROUP IV CONSUMER & COMMERCIAL )  
PRODUCTS: PROPOSED AMENDMENTS )  
TO 35 ILL. ADM. CODE 218.208 and 219.208)

Proposed Rule. Second Notice.

OPINION AND ORDER OF THE BOARD (by A.S. Moore)

The Board today adopts for second-notice review by the Joint Committee on Administrative Rules (JCAR) a proposal amending its air pollution regulations addressing emission of volatile organic material (VOM). This proposal stems from comments filed on May 16, 2011, in the underlying rulemaking docket R11-23 by the Illinois Environmental Protection Agency (Agency). The Agency proposed to amend Sections 218.208 and 219.208 by adding a “small container exemption” for pleasure craft surface coating operations. 35 Ill. Adm. Code 218.208, 219.208. On June 16, 2011, the Board opened this Subdocket (A) in order to address those two sections, neither of which had been included in the Board’s first-notice opinion and order in R11-23. See Reasonably Available Control Technology (RACT) for Volatile Organic Material Emissions from Group II and Group IV Consumer and Commercial Products: Proposed Amendments to 35 Ill. Adm. Code 211, 218, and 219, R11-23 (Mar. 17, 2011); see also 35 Ill. Reg. 4887 (Apr. 1, 2011).

First notice of the amendments proposed in this subdocket (A) appeared in the *Illinois Register* on July 1, 2011. 35 Ill. Reg. 10189, 10207 (July 1, 2011). The Board did not receive a comment during the statutory 45-day comment period. *See 5 ILCS 100/5-40(b) (2010).* The Board submits the proposal without substantive amendment to second-notice review by JCAR.

In the opinion below, the Board first provides the procedural history of this subdocket before summarizing its first-notice opinion and order. The Board next discusses the issues of economic reasonableness and technical feasibility before reaching its conclusion on the proposed amendments. Finally, the Board’s order directs the Clerk to file the proposed amendments with JCAR for second-notice review under the Illinois Administrative Procedure Act (*see 5 ILCS 100/5-40(c) (2010)*).

**PROCEDURAL HISTORY**

In the underlying rulemaking docket R11-23, the Board on June 16, 2011 adopted its second-notice opinion and order. Reasonably Available Control Technology (RACT) for Volatile Organic Material Emissions from Group II and Group IV Consumer and Commercial

Products: Proposed Amendments to 35 Ill. Adm. Code 211, 218, and 219, R11-23 (June 16, 2011). In the same order, the Board opened this subdocket (A) in which to consider additional amendments to the VOM regulations while allowing the underlying proposal to proceed to adoption. *Id.*, slip op. at 58-59.

In this subdocket (A), the Board on June 16, 2011, adopted its first-notice opinion and order. In the Matter of: Reasonably Available Control Technology (RACT) for Volatile Organic Material Emissions from Group IV Consumer & Commercial Products: Proposed Amendments to 35 Ill. Adm. Code 218.208 and 219.208, R11-23(A) (June 16, 2011). First-notice publication of the proposal appeared in the *Illinois Register* on July 1, 2011. 35 Ill. Reg. 10189, 10207 (July 1, 2011). The Board did not receive a comment during the first-notice period.

### **SUMMARY OF FIRST-NOTICE OPINION AND ORDER**

On April 15, 2011, in the underlying docket R11-23, Mr. James Sell pre-filed testimony (Sell Test.) on behalf of the American Coatings Association (ACA) (Sell. Test.). Mr. Sell's testimony indicated that a number of coating regulations addressing VOM "include a small container exemption confined to not exceed a litre or a quart." Sell. Test. at 11. He stated that the basis for these exemptions "is to allow for small repairs and touches ups to existing coatings that if done in a timely manner can often avoid larger paint jobs later." *Id.* He argued that these limited uses of "the higher VOC materials actually reduce overall VOC emissions by allowing such repairs and touch ups to avoid complete overall or redo paint jobs." *Id.*

The Agency responded that USEPA would accept such a small container exemption. Reasonably Available Control Technology (RACT) for Volatile Organic Material Emissions from Group II and Group IV Consumer and Commercial Products: Proposed Amendments to 35 Ill. Adm. Code 211, 218, and 219, R11-23, slip op. at 10 (May 16, 2011) (Agency post-hearing comments). Accordingly, the Agency proposed to amend Sections 218.208(c) and (e) and 219.208(c) and (e). *Id.* at 17, 26-27 (adding cross-references to Section 218/219.187(q)(5)).

The Board's second-notice opinion and order in R11-23 recognized ACA's support for a small container exemption and noted both USEPA's and the Agency's position on including one in the regulations. Reasonably Available Control Technology (RACT) for Volatile Organic Material Emissions from Group II and Group IV Consumer and Commercial Products: Proposed Amendments to 35 Ill. Adm. Code 211, 218, and 219, R11-23, slip op. at 59 (June 16, 2011). However, the Agency's original proposal had not sought to amend Section 218.208 or 219.208. Because R11-23 was a "fast-track" rulemaking under Section 28.5 of the Act, the Board had not submitted either of those sections to first-notice publication. *Id.* (Mar. 17, 2011); *see* 5 ILCS 100/5-40(b) (2010) ("Each agency shall give at least 45 days' notice of its intended action to the general public. This first notice period shall commence on the first day the notice appears in the Illinois Register."); 35 Ill. Reg. 4887 (Apr. 1, 2011).

In a June 16, 2011 order in docket R11-23, the Board noted that it could not submit Sections 218.208 and 219.208 to second-notice review by JCAR. The Board concluded that the best procedure was to open a subdocket (A) to provide first notice publication of Sections

218.208 and 219.208 while allowing the remainder of the “fast-track” rulemaking proposal to proceed to second notice. Reasonably Available Control Technology (RACT) for Volatile Organic Material Emissions from Group II and Group IV Consumer and Commercial Products: Proposed Amendments to 35 Ill. Adm. Code 211, 218, and 219, R11-23 (June 16, 2011), citing Steel and Foundry Industry Amendments to the Landfill Regulations (Parts 810 through 815 and 817), R90-26 (A,B), slip op. at 3 (Mar. 31, 1994).

### **Section 218/219.208(c)**

Existing Sections 218.208(c) provides<sup>1</sup> that,

[o]n and after March 15, 1996, the limitations of this Subpart shall not apply to touch-up and repair coatings used by a coating source described by Section 218.204(b), (d), (f), (g), and (i) of this Subpart; provided that the source-wide volume of such coatings used does not exceed 0.95 l (1 quart) per eight-hour period or exceed 209 l/yr (55 gal/yr) for any rolling 12 month period. Recordkeeping and reporting for touch-up and repair coatings shall be consistent with subsection (e) of this Section. 35 Ill. Adm. Code 218.208(c).

As the Agency had suggested, the Board’s first-notice opinion and order proposed to amend Sections 218.208(c) and 219.208(c) only by adding a cross reference to Sections 218.204(q)(5) and 219.204(q)(5), which establish VOM content limits for pleasure craft surface coatings. In the Matter of: Reasonably Available Control Technology (RACT) for Volatile Organic Material Emissions from Group IV Consumer & Commercial Products: Proposed Amendments to 35 Ill. Adm. Code 218.208 and 219.208, R11-23(A), slip op. at 2, 14, 26 (June 16, 2011); see 35 Ill. Adm. Code 218.204(q)(5).

### **Section 218/219.208(e)**

Existing Section 218.208(e) provides<sup>2</sup> that

- e) On and after March 15, 1996, the owner or operator of a coating line or a group of coating lines using touch-up and repair coatings that are exempted from the limitations of Section 218.204(b), (d), (f), (g), (i), (j), (n) and (o) of this Subpart because of the provisions of subsection 218.208(c) or (d) of this section shall:
  - 1) Collect and record the name, identification number, and volume used of each touch-up and repair coating, as applied on each coating line, per eight-hour period and per month;

---

<sup>1</sup> Section 219.204(c) differs from Section 218.204(c) only with respect to cross-references and not with respect to any of its substantive provisions. *See* 35 Ill. Adm. Code 219.204(c).

<sup>2</sup> Section 219.204(e) differs from Section 218.204(e) only with respect to cross-references and not with respect to any of its substantive provisions. *See* Ill. Adm. Code 219.204(e).

- 2) Perform calculations on a daily basis, and maintain at the source records of such calculations, of the combined volume of touch-up and repair coatings used source-wide for each eight-hour period;
- 3) Perform calculations on a monthly basis, and maintain at the source records of such calculations, of the combined volume of touch-up and repair coatings used source-wide for the month and the rolling 12 month period;
- 4) Prepare and maintain at the source an annual summary of the information required to be compiled pursuant to subsections (e)(1) and (e)(2) of this Section on or before January 31 of the following year;
- 5) Maintain at the source for a minimum period of three years all records required to be kept under this subsection (e) and make such records available to the Agency upon request;
- 6) Notify the Agency in writing if the use of touch-up and repair coatings at the source ever exceeds a volume of 0.95 l (1 quart) per eight-hour period or exceeds 209 l/yr (55 gal/yr) for any rolling 12 month period within 30 days after any such exceedance. Such notification shall include a copy of any records of such exceedance; and
- 7) “Touch-up and repair coatings” means, for purposes of 35 Ill. Adm. Code 218.208, any coating used to cover minor scratches and nicks that occur during manufacturing and assembly processes. 35 Ill. Adm. Code 218.208(e).

As the Agency had suggested, the Board’s first-notice opinion and order proposed to amend Sections 218.208(e) and 219.208(e) only by adding a cross reference to Sections 218.204(q)(5) and 219.204(q)(5), which establish VOM content limits for pleasure craft surface coatings. In the Matter of: Reasonably Available Control Technology (RACT) for Volatile Organic Material Emissions from Group IV Consumer & Commercial Products: Proposed Amendments to 35 Ill. Adm. Code 218.208 and 219.208, R11-23(A), slip op. at 2, 14, 26 (June 16, 2011); *see* 35 Ill. Adm. Code 218.204(q)(5).

### **ECONOMIC REASONABLENESS AND TECHNICAL FEASIBILITY**

In submitting its proposed amendments to first-notice publication, the Board noted that neither the ACA nor the Agency has specifically addressed the economic reasonableness or the technical feasibility of this proposal. In the Matter of: Reasonably Available Control Technology (RACT) for Volatile Organic Material Emissions from Group IV Consumer & Commercial Products: Proposed Amendments to 35 Ill. Adm. Code 218.208 and 219.208, R11-

23(A), slip op. at 3 (June 16, 2011). The Board invited comment from the participants on those issues during the first-notice comment period. *Id.*

Although the Board did not receive a first-notice comment, it notes that the proposal provides a limited exemption to the VOM regulations for small containers. The Board notes Mr. Sell's statement in support of this exemption that it allows for small repairs that may avoid having to re-coat larger areas or surfaces. He also stated that this exemption may reduce overall VOM emissions by allowing such repairs in the place of completely re-coating larger surfaces. The Board also notes that the record reflects the Agency's and USEPA's concurrence with the proposed exemption. As the record lacks any indication to the contrary, the Board concludes that the proposed limited exemption is both technically feasible and economically reasonable

### **CONCLUSION**

In its first-notice opinion and order in this subdocket R11-23(A), the Board proposed to amend Sections 218.208 and 219.208 of its air pollution regulations. In that order, the Board noted comments proposing addition of a small container exemption for pleasure craft coatings, an issue raised for the first time after first-notice publication of the Agency's original proposal. Above, the Board has summarized its first-notice proposal and comment upon it. The Board has concluded above that the proposal is both economically reasonable and technically feasible. Accordingly, the Board concludes that the record supports proceeding to second-notice review without substantive amendment. In its order below, the Board directs the Clerk to file the proposed amendments with JCAR for second-notice review.

### **ORDER**

The Board directs the Clerk to file the following proposed amendments with JCAR for second-notice review. Proposed additions to Parts 218 and 219 are underlined, and proposed deletions from those Parts appear struck-through.

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
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
- 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 <del>On and After March 15, 1996</del>
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 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

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
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
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)
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
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  
 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)  
 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

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 SOCFI 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, ~~and 28, and 28.5~~ of the Environmental Protection Act [415 ILCS 5/10, 27, ~~and 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. 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(A) at 35 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

## SUBPART F: COATING OPERATIONS

**Section 218.208 Exemptions from Emission Limitations**

- a) Exemptions for all coating categories except wood furniture coating. The limitations of this Subpart shall not apply to coating lines within a source, that otherwise would be subject to the same subsection of Section 218.204 (because they belong to the same coating category, e.g., can coating), provided that combined actual emissions of VOM from all lines at the source subject to that subsection never exceed 6.8 kg/day (15 lbs/day) before the application of capture systems and control devices. (For example, can coating lines within a source would not be subject to the limitations of Section 218.204(b) of this Subpart if the

combined actual emissions of VOM from the can coating lines never exceed 6.8 kg/day (15 lbs/day) before the application of capture systems and control devices.) Prior to May 1, 2012, volatile organic material emissions from heavy off-highway vehicle products coating lines must be combined with VOM emissions from miscellaneous metal parts and products coating lines to determine applicability. On and after May 1, 2012, VOM emissions from heavy off-highway vehicle products coating lines shall be combined with VOM emissions from miscellaneous metal parts and products coating lines and plastic parts and products coating lines to determine applicability. Any owner or operator of a coating source shall comply with the applicable coating analysis test methods and procedures specified in Section 218.105(a) of this Part and the recordkeeping and reporting requirements specified in Section 218.211(a) of this Subpart if total VOM emissions from the subject coating lines are always less than or equal to 6.8 kg/day (15 lbs/day) before the application of capture systems and control devices and, therefore, are not subject to the limitations of Section 218.204 of this Subpart. Once a category of coating lines at a source is subject to the limitations in Section 218.204 of this Subpart the coating lines are always subject to the limitations in Section 218.204 of this Subpart.

- b) Applicability for wood furniture coating
- 1) The limitations of this Subpart shall apply to a source's wood furniture coating lines if the source contains process emission units, not regulated by Subparts B, E, F (excluding Section 218.204(l) of this Subpart), H (excluding Section 218.405 of this Part), Q, R, S, T (excluding Section 218.486 of this Part), V, X, Y, or BB of this Part, which as a group both:
    - A) Have a maximum theoretical emissions of 91 Mg (100 tons) or more per calendar year of VOM if no air pollution control equipment were used; and
    - B) Are not limited to less than 91 Mg (100 tons) of VOM per calendar year if no air pollution control equipment were used, through production or capacity limitations contained in a federally enforceable permit or SIP revision.
  - 2) The limitations of this Subpart shall apply to a source's wood furniture coating lines, on and after March 15, 1996, if the source contains process emission units, which as a group, have a potential to emit 22.7 Mg (25 tons) or more of VOM per calendar year and have not limited emissions to less than 22.7 Mg (25 tons) of VOM per calendar year through production or capacity limitations contained in a federally enforceable operating permit or SIP revision, and that:
    - A) Are not regulated by Subparts B, E, F (excluding Section 218.204(l) of this Subpart), H, Q, R, S, T (excluding Section

218.486 of this Part), V, X, Y, Z or BB of this Part; and

- B) Are not included in any of the following categories: synthetic organic chemical manufacturing industry (SOCMI) distillation, SOCMI reactors, plastic parts coating (business machines), plastic parts coating (other), offset lithography, industrial wastewater, autobody refinishing, SOCMI batch processing, volatile organic liquid storage tanks and clean-up solvents operations.
- 3) If a source ceases to fulfill the criteria of subsection (b)(1) or (b)(2) of this Section, the limitations of Section 218.204(1) of this Subpart shall continue to apply to any wood furniture coating line which was ever subject to the limitations of Section 218.204(1) of this Subpart.
- 4) For the purposes of subsection (b) of this Section, an emission unit shall be considered to be regulated by a Subpart if it is subject to the limitations of that Subpart. An emission unit is not considered regulated by a Subpart if it is not subject to the limits of that Subpart, e.g., the emission unit is covered by an exemption in the Subpart or the applicability criteria of the Subpart are not met.
- 5) Any owner or operator of a wood furniture coating line to which the limitations of this Subpart are not applicable due to the criteria in subsection (b) of this Section shall, upon request by the Agency or the USEPA, submit records to the Agency and the USEPA within 30 calendar days from the date of the request that document that the coating line is exempt from the limitations of this Subpart.
- c) On and after March 15, 1996, the limitations of this Subpart shall not apply to touch-up and repair coatings used by a coating source described by Section 218.204(b), (d), (f), (g), ~~and (i), and (q)(5)~~ of this Subpart; provided that the source-wide volume of such coatings used does not exceed 0.95 l (1 quart) per eight-hour period or exceed 209 l/yr (55 gal/yr) for any rolling 12 month period. Recordkeeping and reporting for touch-up and repair coatings shall be consistent with subsection (e) of this Section.
- d) Prior to May 1, 2012, the limitations of this Subpart shall not apply to touch-up and repair coatings used by a coating source described by Section 218.204(j), (n), and (o) of this Subpart, provided that the source-wide volume of the coatings used does not exceed 0.95 l (1 quart) per eight-hour period or exceed 209 l/yr (55 gal/yr) for any rolling 12 month period. Recordkeeping and reporting for touch-up and repair coatings shall be consistent with subsection (e) of this Section.
- e) On and after March 15, 1996, the owner or operator of a coating line or a group of coating lines using touch-up and repair coatings that are exempted from the limitations of Section 218.204(b), (d), (f), (g), (i), (j), (n) ~~and (o), and (q)(5)~~ of

this Subpart because of the provisions of subsection 218.208(c) or (d) of this section shall:

- 1) Collect and record the name, identification number, and volume used of each touch-up and repair coating, as applied on each coating line, per eight-hour period and per month;
- 2) Perform calculations on a daily basis, and maintain at the source records of such calculations, of the combined volume of touch-up and repair coatings used source-wide for each eight-hour period;
- 3) Perform calculations on a monthly basis, and maintain at the source records of such calculations, of the combined volume of touch-up and repair coatings used source-wide for the month and the rolling 12 month period;
- 4) Prepare and maintain at the source an annual summary of the information required to be compiled pursuant to subsections (e)(1) and (e)(2) of this Section on or before January 31 of the following year;
- 5) Maintain at the source for a minimum period of three years all records required to be kept under this subsection (e) and make such records available to the Agency upon request;
- 6) Notify the Agency in writing if the use of touch-up and repair coatings at the source ever exceeds a volume of 0.95 l (1 quart) per eight-hour period or exceeds 209 l/yr (55 gal/yr) for any rolling 12 month period within 30 days after any such exceedance. Such notification shall include a copy of any records of such exceedance; and
- 7) "Touch-up and repair coatings" means, for purposes of 35 Ill. Adm. Code 218.208, any coating used to cover minor scratches and nicks that occur during manufacturing and assembly processes.

(Source: Amended at 35 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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)
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
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

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
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)

#### 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
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)

## 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
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
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 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

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 SOCFI 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 and 28 of the Environmental Protection Act [415 ILCS 5/10, 27, and 28].

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(A), at 35 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

## SUBPART F: COATING OPERATIONS

### **Section 219.208 Exemptions From Emission Limitations**

- a) Exemptions for all coating categories except wood furniture coating. The limitations of this Subpart shall not apply to coating lines within a source, that otherwise would be subject to the same subsection of Section 219.204 (because they belong to the same coating category, e.g., can coating), provided that combined actual emissions of VOM from all lines at the source subject to that subsection never exceed 6.8 kg/day (15 lbs/day) before the application of capture systems and control devices. (For example, can coating lines within a source would not be subject to the limitations of Section 219.204(b) of this Subpart if the combined actual emissions of VOM from the can coating lines never exceed 6.8 kg/day (15 lbs/day) before the application of capture systems and control devices.) Prior to May 2012, volatile organic material emissions from heavy off-highway vehicle products coating lines must be combined with VOM emissions from miscellaneous metal parts and products coating lines to determine applicability. On and after May 1, 2012, VOM emissions from heavy off-highway vehicle products coating lines shall be combined with VOM emissions from miscellaneous metal parts and products coating lines and plastic parts and products coating lines to determine applicability. Any owner or operator of a coating source shall comply with the applicable coating analysis test methods and procedures specified in Section 219.105(a) of this Part and the recordkeeping and reporting requirements specified in Section 219.211(a) of this Subpart if total VOM emissions from the subject coating lines are always less than or equal to 6.8 kg/day (15 lbs/day) before the application of capture systems and control devices

and, therefore, are not subject to the limitations of Section 219.204 of this Subpart. Once a category of coating lines at a source is subject to the limitations in Section 219.204 of this Part the coating lines are always subject to the limitations in Section 219.204 of this Subpart.

- b) Applicability for wood furniture coating
- 1) The limitations of this Subpart shall apply to a source's wood furniture coating lines if the source contains process emission units, not regulated by Subparts B, E, F (excluding Section 219.204(l) of this Subpart), H (excluding Section 219.405 of this Part), Q, R, S, T (excluding Section 219.486 of this Part), V, X, Y, Z or BB of this Part, which as a group both:
    - A) Have a maximum theoretical emissions of 91 Mg (100 tons) or more per calendar year of VOM if no air pollution control equipment were used, and
    - B) Are not limited to less than 91 Mg (100 tons) of VOM per calendar year if no air pollution control equipment were used, through production or capacity limitations contained in a federally enforceable permit or SIP revision.
  - 2) The limitations of this Subpart shall apply to a source's wood furniture coating lines, on and after March 15, 1996, if the source contains process emission units, which as a group, have a potential to emit 22.7 Mg (25 tons) or more of VOM per calendar year and have not limited emissions to less than 22.7 Mg (25 tons) of VOM per calendar year through production or capacity limitations contained in a federally enforceable operating permit or SIP revision, and that:
    - A) Are not regulated by Subparts B, E, F (excluding Section 219.204(l) of this Subpart), H, Q, R, S, T (excluding Section 219.486 of this Part), V, X, Y, Z or BB of this Part; and
    - B) Are not included in any of the following categories: synthetic organic chemical manufacturing industry (SOCMI) distillation, SOCMI reactors, plastic parts coating (business machines), plastic parts coating (other), offset lithography, industrial wastewater, autobody refinishing, SOCMI batch processing, volatile organic liquid storage tanks and clean-up solvents operations.
  - 3) If a source ceases to fulfill the criteria of subsection (b)(1) or (b)(2) of this Section, the limitations of Section 219.204(l) of this Subpart shall continue to apply to any wood furniture coating line which was ever subject to the limitations of Section 219.204(l) of this Subpart.

- 4) For the purposes of subsection (b) of this Section, an emission unit shall be considered to be regulated by a Subpart if it is subject to the limitations of that Subpart. An emission unit is not considered regulated by a Subpart if it is not subject to the limits of that Subpart, e.g., the emission unit is covered by an exemption in the Subpart or the applicability criteria of the Subpart are not met.
  - 5) Any owner or operator of a wood furniture coating line to which the limitations of this Subpart are not applicable due to the criteria in subsection (b) of this Section shall, upon request by the Agency or the USEPA, submit records to the Agency and the USEPA within 30 calendar days from the date of the request that document that the coating line is exempt from the limitations of this Subpart.
- c) On and after March 15, 1996, the limitations of this Subpart shall not apply to touch-up and repair coatings used by a coating source described by Section 219.204(b), (d), (f), (g), ~~and (i), and (q)(5)~~ of this Subpart; provided that the source-wide volume of such coatings used does not exceed 0.95 l (1 quart) per eight-hour period or exceed 209 l/yr (55 gal/yr) for any rolling 12 month period. Recordkeeping and reporting for touch-up and repair coatings shall be consistent with subsection (d) of this Section.
  - d) Prior to May 1, 2012, the limitations of this Subpart shall not apply to touch-up and repair coatings used by a coating source described by Section 219.204(j), (m), and (n) of this Subpart, provided that the source-wide volume of the coatings used does not exceed 0.95 l (1 quart) per eight-hour period or exceed 209 l/yr (55 gal/yr) for any rolling twelve month period. Recordkeeping and reporting for touch-up and repair coatings shall be consistent with subsection (e) of this Section.
  - e) On and after March 15, 1996, the owner or operator of a coating line or a group of coating lines using touch-up and repair coatings that are exempted from the limitations of Section 219.204(b), (d), (f), (g), (i), (j), (m) ~~and (n), and (q)(5)~~ of this Subpart because of the provisions of subsection (c) or (d) of this Section shall:
    - 1) Collect and record the name, identification number, and volume used of each touch-up and repair coating, as applied on each coating line, per eight-hour period and per month;
    - 2) Perform calculations on a daily basis, and maintain at the source records of such calculations of the combined volume of touch-up and repair coatings used source-wide for each eight-hour period;
    - 3) Perform calculations on a monthly basis, and maintain at the source records of such calculations of the combined volume of touch-up and

repair coatings used source-wide for the month and the rolling 12 month period;

- 4) Prepare and maintain at the source an annual summary of the information required to be compiled pursuant to subsections (e)(1) and (e)(2) of this Section on or before January 31 of the following year;
- 5) Maintain at the source for a minimum period of three years all records required to be kept under this subsection (e) and make such records available to the Agency upon request;
- 6) Notify the Agency in writing if the use of touch-up and repair coatings at the source ever exceeds a volume of 0.95 l (1 quart) per eight-hour period or exceeds 209 l/yr (55 gal/yr) for any rolling 12 month period within 30 days after any such exceedance. Such notification shall include a copy of any records of such exceedance; and
- 7) "Touch-up and repair coatings" means, for purposes of 35 Ill. Adm. Code 219.208, any coating used to cover minor scratches and nicks that occur during manufacturing and assembly processes.

(Source: Amended at 35 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

IT IS SO ORDERED.

I, John T. Therriault, Assistant Clerk of the Illinois Pollution Control Board, certify that the Board adopted the above order on September 22, 2011, by a vote of 5-0.



---

John T. Therriault, Assistant Clerk  
Illinois Pollution Control Board