

ILLINOIS POLLUTION CONTROL BOARD
May 7, 1998

IN THE MATTER OF:)
)
PETITION OF W.R. GRACE &) R98-16
COMPANY - CONNECTICUT, AND) (Rulemaking - Air)
THE ILLINOIS ENVIRONMENTAL)
PROTECTION AGENCY FOR)
SITE-SPECIFIC AIR REGULATION:)
35 ILL. ADM. CODE 218.940(h))

Proposed Rule. Second Notice.

OPINION AND ORDER OF THE BOARD (by J. Yi):

On November 19, 1997, W.R. Grace & Company - Connecticut (Grace) and the Illinois Environmental Protection Agency (Agency), pursuant to Section 27 of the Environmental Protection Act (Act) (415 ILCS 5/27 (1996)), filed a joint proposal for site specific rulemaking. The proposal requests a site specific air regulation for Grace's facility be added to Subpart QQ of 35 Ill. Adm. Code 218 at Section 218.940(h). The Board adopted an order accepting the joint proposal for hearing and granting, in part, a joint motion for expedited review on December 4, 1997.

The Board's responsibility in this matter arises from the Environmental Protection Act (Act) (415 ILCS 5/1 et seq. (1996)). The Board is charged therein to "determine, define and implement the environmental control standards applicable in the State of Illinois." 415 ILCS 5/5(b). Today, the Board adopts the proposed amendments for second notice pursuant to the Illinois Administrative Procedure Act (5 ILCS 100/1-1 et seq. (1996)). Excepting several non-substantive items, the amendments adopted today are identical to those proposed for first notice.

BACKGROUND

Grace is a Connecticut corporation in good standing registered to do business in the State of Illinois. Grace operates a facility (facility) located at 6050 West 51st Street, Chicago, Cook County, Illinois. This facility is operated pursuant to an air operating permit number 031821ABD. This permit was issued on September 27, 1995, by the Illinois Environmental Protection Agency's (Agency) Bureau of Air.

The facility manufactures solvent and water based container sealants, lubricant fluids, and concrete additives. Pet. at 5. The joint proposal pertains solely to VOM emissions resulting from the production of the solvent lining compound mixers (mixers) used to produce solvent-based sealants. Pet. at 5.

REGULATORY BACKGROUND

In 1994, the Board promulgated certain amendments to 35 Ill. Adm. Code Part 218 that require reasonably available control technology (RACT) for sources in the Chicago ozone nonattainment area, with the potential to emit 25 tons of VOM annually, as mandated by Section 182 of the Clean Air Act. 42 U.S.C Section 7411a.

Emissions from Grace's mixers occur in a complex and variable manner due to the batch nature of the process. Thus, determining appropriate and reasonable controls for the mixer loading activity pursuant to Subpart QQ is difficult. Pet. at 8. In 1995, the Board granted Grace a variance regarding the emission control requirements of 35 Ill. Adm. Code 218, Subpart QQ; see W.R. Grace & Co. - Conn. v. IEPA (March 16, 1995), PCB 94-328. This variance contained compliance dates regarding the construction, installation, and operation of a catalytic oxidizer designed to comply with Subpart QQ's control requirements. Pet. at 9.

On June 14, 1996, Grace's oxidizer exploded resulting in a fire in the solvent mixing area of the facility. Pet. at 13. The explosion significantly damaged the oxidizer and the associated ventilation system. Information gathered in the investigation of the explosion suggests that no catalytic oxidizer is currently available that will control the emissions from Grace's mixer loading operations and that will be free from the risk of another explosion. Pet. at 17. On February 6, 1997, the Board extended Grace's variance until May 15, 1998. W.R. Grace & Co. - Conn. v. IEPA (February 6, 1997), PCB 96-193.

PROCEDURAL HISTORY

The Board sent this matter to first notice under the Illinois Administrative Procedure Act (APA) (5 ILCS 100/5-5 *et seq.* (1996)) on December 18, 1997, without commenting on the merits of the proposal. The first notice order of December 18, 1997, granted a motion to amend the language of the proposed rule, and reflected the amendment. First notice of the proposed rule was published at 22 Ill. Reg. 1091 (January 9, 1998).

A hearing in this matter was held on January 8, 1998, and continued on the record until January 21, 1998. On January 21, 1998, the Board received testimony in support of the proposed rule from Rich Irelan, Aaron Abbott, Bob Wells, and LaDonna Driver on behalf of Grace. The Board also received testimony supporting the proposed rule from Kevin Mattison and Yeric Yarrington of the Agency. No members of the public were present at either the January 8, 1998, or the January 21, 1998, hearing.

On February 23, 1998, the Board received a joint comment from Grace and the Agency. The comment sought to clarify a statement made at the January 21, 1998, hearing. The Board also received comments on the proposal from the legislature's Joint Committee on Administrative Rules (JCAR).

An additional hearing was held March 30, 1998, on the single issue of the decision of the Illinois Department of Commerce and Community Affairs (DCCA) not to conduct an Economic Impact Study in connection with this rulemaking. No one testified at this hearing, and the Board has not received any comments on the Economic Impact Study issue.

At the January 21, 1998, hearing, Mr. Irelan testified about the background of Grace's facility as well as Grace's efforts to meet the requirements 35 Ill. Adm. Code 218, Subpart QQ through the construction and installation of a catalytic oxidizer. Tr. Exh. 1-B at 3-9. Mr. Irelan testified that, pursuant to the Agency's recommendation, Grace filed the instant joint proposal for site-specific rulemaking. Tr. Exh. 1-B at 13. Mr. Irelan stated that denial of the proposal would force Grace to shut down its solvent process in Chicago, and would result in approximately 100 displaced employees.

Mr. Abbott testified on the feasibility and safety issues involved in this matter, the technical data on the oxidizer explosion occurring at the facility, Grace's VOM emissions, as well as Grace's efforts to comply with Subpart QQ. Mr. Abbott testified that the results of the investigation into the oxidizer explosion indicate that the explosion was caused by a brief spike in emissions resulting from solvent emitted over a one second time interval from the mixer. Tr. Exh. 1-C at 10. Mr. Abbott testified that neither Grace nor the experts brought in after the explosion, could identify any mechanism that would detect and reliably respond to solvent emission peaks that occur over intervals on the order of one second. Tr. Exh. 1-C at 11. Mr. Abbott further testified that, for the purposes of the control requirements of Subpart QQ, no reasonably available add-on control technology exists for Grace's facility. Mr. Abbott also stated that there is no impact to the land, water, or water supplies from the VOM emissions from Grace's mixers. Tr. Exh. 1-C at 16.

Mr. Wells' testimony concerned a study prepared by one of Grace's experts regarding the different options available for control devices at the facility. Mr. Wells testified that the analysis failed to identify feasible and cost-effective measures to reduce VOM emissions as required by Subpart QQ, and that, therefore, no control is RACT. Tr. Exh. 1-D at 10.

Mr. Mattison's testimony concerned the oxidizer explosion, and the joint efforts of the Agency and Grace to determine whether continued operation of the oxidizer is feasible. Mr. Mattison testified that the Agency agreed with the findings of Grace's study that no add-on controls under Subpart QQ were appropriate for Grace's solvation mixers at the facility. Tr. Exh. 2-B at 2.

Mr. Yarrington testified on Grace's current variance, and the proponents determination that it is not possible to safely operate the Grace's control device. Mr. Yarrington testified that upon review of the information in this matter, no add-on control is RACT for the solvation process at Grace. Mr. Yarrington also testified that the Agency is not opposed to the granting of a site-specific rule change under Subpart QQ to Grace. Tr. Exh. 2-A at 2.

No substantive changes to the proposal have been requested. In response to comments from JCAR and the Board's internal review, the Board has made the following non-substantive change to the first notice proposal:

- A technical correction in the source note for Section 218.940.

- A spelling correction in Section 218.940 (g).

CONCLUSION

Based upon the record, the Board finds that adoption of the proposed rule for second notice is warranted. The Board also finds that the proposed rule will not have an adverse economic impact on the people of the State of Illinois. See 415 ILCS 5/27 (a),(b) (1998).

ORDER

The Board hereby proposes for second notice the following amendments to 35 Ill. Adm. Code 218. The Clerk of the Board is directed to submit this proposed rule to the Joint Committee on Administrative Rules.

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 in General
218.182	Cold Cleaning
218.183	Open Top Vapor Degreasing
218.184	Conveyorized Degreasing
218.185	Compliance Schedule (Repealed)
218.186	Test Methods

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 Work Practice Standards

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
 218.407 Emission Limitations and Control Requirements for Lithographic Printing Lines On and After March 15, 1996
 218.408 Compliance Schedule for Lithographic Printing On and After March 15, 1996
 218.409 Testing for Lithographic Printing On and After March 15, 1996
 218.410 Monitoring Requirements for Lithographic Printing
 218.411 Recordkeeping and Reporting for Lithographic Printing

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
218.602	Applicability
218.603	Leaks
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
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 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

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

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

AUTHORITY: Implementing Section 10 and authorized by Section 28.5 of the Environmental Protection Act [415 ILCS 5/10 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. at 1945, effective January 24, 1994; amended in R94-12 at 18 Ill. Reg. at 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 ____ Ill. Reg. _____, effective _____.

BOARD NOTE: This Part implements the Environmental Protection Act as of July 1, 1994.

SUBPART QQ: MISCELLANEOUS FORMULATION MANUFACTURING PROCESSES

Section 218.940 Applicability

- a) Maximum theoretical emissions:
- 1) A source is subject to this Subpart if it contains process emission units not regulated by Subparts B, E, F (excluding Section 218.204(1)), H (excluding Section 218.405), Q, R, S, T (excluding Section 218.486), V, X, Y, Z or BB of this Part, which as a group both:
 - A) Have maximum theoretical emissions of 90.7 Mg (100 tons) or more per calendar year of VOM, and
 - B) Are not limited to less than 90.7 Mg (100 tons) of VOM emissions per calendar year in the absence of air pollution control equipment through production or capacity limitations contained in a federally enforceable permit or a SIP or FIP revision.
 - 2) If a source is subject to this Subpart as provided above, the requirements of this Subpart shall apply to a source's miscellaneous formulation manufacturing process emission units which are not included within any of the categories specified in Subparts B, E, F, H, Q, R, S, T, V, X, Y, Z, AA, or BB of this Part.
- b) Potential to emit:
- 1) A source is subject to this Subpart if it has the potential to emit 22.7 Mg (25 tons) or more of VOM per year, in aggregate, from emission units that are:
 - A) Not regulated by Subparts B, E, F, H, Q, R, S, T (excluding Section 218.486), V, X, Y, Z, or BB of this Part, or
 - B) Not included in any of the following categories: synthetic organic chemical manufacturing industry (SOCMI) distillation, SOCMI reactors, wood furniture, 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.
 - 2) If a source is subject to this Subpart as provided above, the requirements of this Subpart shall apply to a source's miscellaneous formulation

manufacturing process emission units which are:

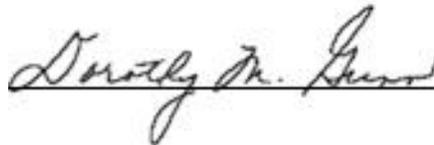
- A) Not included within any of the categories specified in Subparts B, E, F, H, Q, R, T, V, X, Y, Z, AA, BB, CC, or DD of this Part, or
 - B) Not included in any of the following categories: synthetic organic chemical manufacturing industry (SOCMI) distillation, SOCMI reactors, wood furniture, plastic 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.
- c) If a source ceases to fulfill the criteria of subsections (a) and/or (b) above, the requirements of this Subpart shall continue to apply to a miscellaneous formulation manufacturing process emission unit which was subject to the control requirements of Section 218.946 of this Part.
 - d) No limits under this Subpart shall apply to emission units with emissions of VOM to the atmosphere less than or equal to 2.3 Mg (2.5 tons) per calendar year if the total emissions from such emission units not complying with this Section does not exceed 4.5 Mg (5.0 tons) per calendar year.
 - e) For the purposes of this Subpart, an emission unit shall be considered regulated by a Subpart if it is subject to the limits of that Subpart. An emission unit is considered not 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.
 - f) For the purposes of this Subpart, VOM emissions in the absence of air pollution control equipment are the emissions of VOM which would result if no air pollution control equipment were used.
 - g) The control requirements in Subpart QQ shall not apply to sewage treatment plants; vegetable oil extraction and processing; coke ovens (including by-product recovery plants); fuel combustion units; bakeries; barge loading facilities; jet engine test cells; production of polystyrene foam insulation board including storage and extrusion of scrap where blowing agent is added to the ~~polystyrene~~ polystyrene resin at the source, but not including blending and preliminary expansion of resin prior to molding where blowing agent is incorporated into the polystyrene resin by the producer of the resin; production of polystyrene foam packaging not including blending and preliminary expansion of resin prior to molding where blowing agent is incorporated into the polystyrene resin by the producer of the resin and not including storage and extrusion of scrap where blowing agent is added to the polystyrene resin at the source; and iron and steel production.

h) The control requirements of this Subpart shall not apply to the solvation mixers at the container sealant manufacturing facility located at 6050 West 51st Street in Chicago, Illinois.

(Source: ~~Amended at 18 Ill. Reg. 1945, effective January 24, 1994;~~ ~~Amended in R98-16, at 22 Ill. Reg. _____, effective _____~~)

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above opinion and order was adopted on the 7th day of May 1998 by a vote of 7-0.

A handwritten signature in cursive script, reading "Dorothy M. Gunn", written over a horizontal line.

Dorothy M. Gunn, Clerk
Illinois Pollution Control Board