ILLINOIS POLLUTION CONTROL BOARD
September 18, 1997

IN THE MATTER OF:	)	
	)	
WOOD FURNITURE COATING:	)	R97-31
AMENDMENTS TO 35 ILL. ADM. CODE	)	(Rulemaking - Air)
211, 218, AND 219, SUBPART F	)	

Proposed Rule. First Notice.

OPINION AND ORDER OF THE BOARD (by R.C. Flemal):

This matter comes before the Board upon a proposal for rulemaking filed by the Illinois Environmental Protection Agency (Agency). The Agency proposes that the Board amend its ozone air quality control regulations in response to the issuance by the United States Environmental Protection Agency (USEPA) of a Control Technique Guideline (CTG) governing wood furniture coating operations. The principal proposed amendments consist of (a) changes in the values and units of measurements for volatile organic material (VOM) content of top coats and sealers, and (b) establishment of new work practice standards. Most of the Board's existing regulations governing wood furniture coatings operations would not be affected by adoption of the instant proposal.

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)). More generally, the Board's rulemaking charge is based on the system of checks and balances integral to Illinois environmental governance: the Board bears responsibility for the rulemaking and principal adjudicatory functions; the Agency has primary responsibility for administration of the Act and the Board's regulations, including the regulations it today proposes for amendment.

By today's action the Board adopts the proposed amendments for first notice, pursuant to the Illinois Administrative Procedure Act (5 ILCS 100/1-1 *et seq*. (1996)). Publication in the *Illinois Register* will follow today's action, whereupon a 45-day public comment period will begin during which interested persons may file public comment with the Board.

REGULATORY BACKGROUND

The State of Illinois has two areas that are out of compliance with ozone air quality standards as defined in the Federal Clean Air Act (CAA)(42 USC §§ 7401 to 7642). The two areas, both of which are classified as "Moderate Areas" for non-attainment, are the Chicago Area, which includes all of Cook, DuPage, Kane, Lake, McHenry, and Will Counties and

parts of Grundy and Kendall Counties, and the Metro East Area, which is comprised of Madison, Monroe, and St. Clair Counties.

For each of the non-attainment areas the CAA requires that the State implement regulations for the control of ozone precursors, including VOM, and that the State submit the regulations for USEPA approval as part of a State Implementation Plan (SIP). The Board has adopted various regulations in conformity with these requirements. The regulations for the Chicago Area occur at 35 Ill. Adm. Code 218. The regulations applicable to the Metro East Area occur at 35 Ill. Adm. Code 219. Related general provisions, which consist primarily of definitions, occur at 35 Ill. Adm. Code 211.

A major part of the Board's ozone control regulations consists of reasonably available control technology (RACT) provisions. The principal underlying these provisions is that stationary emission sources that have the potential to emit more than threshold amounts of VOM are required to utilize reasonably available control technologies as a method of limiting emissions. Definitions of RACT for various industrial process and activities are set forth initially in CAA-required and USEPA-produced documents known as CTGs. The various states are required to adopt the RACT regulations specified in the CTGs, with only very limited opportunity for departure.

Today's proposal is driven by the release by USEPA in May 19961 of a new CTG governing VOM emissions from wood furniture coating operations. The CTG was produced as the result of a regulatory negotiation ("reg-neg") under the Federal Advisory Committee Act. The negotiations included members from industry, environmental groups, and state and local agencies. Statement of Reasons at 3.

Although the Board already has in place regulations pertaining to VOM emissions for wood furniture coating operations, the new CTG contains certain new and different provisions that need to be incorporated into the Board's existing regulations and into the Illinois SIP. Today's action is to that end.

PROCEDURAL HISTORY

The Agency filed the proposal in this matter with the Board on June 3, 1997. On June 10, 1997 the Agency filed an errata sheet, the principal item of which was a request to delete from the caption of the initial filing the reference to "15% ROP Plan." The Board granted that request, as well a motion regarding filing requirements, by order of June 19, 1997.

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1 The CTG carries an April 1996 publication date.

Hearings in this matter were held before Hearing Officer Audrey Lozuk-Lawless in Edwardsville on August 5, 1997 and in Chicago on August 13, 1997. The Agency presented an explanation of the purpose and proposed language of the amendments. No other testimony was offered or received. Members of the public attended both hearings and asked questions of the Agency on the record.

OVERVIEW

Today's proposed amendments would institute only a limited number of changes to the Board's existing regulations governing wood furniture coating operations. The principal proposed changes are:

1) Modification of the value and method of measure of the maximum VOM content allowed in top coatings and sealer coatings. See proposed amendments at 35 Ill. Adm. Code 218.204(l) and 219.204(l). No changes are proposed for any other categories of wood furniture coatings, including opaque stain, non-topcoat pigmented coat, repair coat, semi-transparent stain, and wash coat.2

2) Allowance that if a facility is unable to use a particular compliant coating, compliance may nevertheless be achieved through use of averaging (See proposed 35 Ill. Adm. 218.215 and 219.215) or add-on controls (See proposed 35 Ill. Adm. Code 218.216 and 219.216).

3) Establishment of several work practice standards, including cleaning standards and prohibition of the use of conventional air spray guns. See proposed 35 Ill. Adm. Code 218.217 and 219.217. These practices are designed to reduce the amount of coating, cleaning, and washoff solvent usage, and thereby also reduced the potential for VOM emissions. The practices are those proposed by the CTG negotiation group and incorporated by the USEPA into the CTG.

Today's proposal would change the units of measurement for compliant top coat and sealer coats from the current pounds of VOM per gallon (lb VOM/gallon) to pounds of VOM per pound of solids (lb VOM/lb solids), as required pursuant to the CTG. The Agency

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2 The Board notes that in today's proposal the existing VOM limitations for these various coatings are deleted and then reproposed with the same values. See proposed 35 Ill. Adm. Code 218.204(l) and 219.204(l). This device is used solely to allow the part of the regulations dealing with wood furniture coating operations to be reorganized into a logical format.

believes, however, that this change will have little effect on the compliant status of currently used coatings. Exh. 1 at 3.

The proposed effective date of the amendments is March 15, 1998. This date was chosen by the Agency so as to have the regulations in place, with lead time, for the 1998 ozone season. Tr1. at 12.

Among the significant items not proposed for amendment is the applicability level of the regulations. These will remain at the current value of a potential to emit of 25 tons per year of VOM.

In addition to these three proposed amendments, today's proposal also adds three new definitions necessary to support the remainder of the amendments (see proposed 35 Ill. Adm. Code 211.1467, 211.1520, and 211.7200) and a variety of clarifying and conforming amendments.

ECONOMIC REASONABLENESS

The Agency estimates that 27 facilities, all located in the Chicago non-attainment area, would be subject to the proposed regulations. Statement of Reasons at 2. The Agency concludes as well, however, that most, if not all, of the 27 facilities are already in compliance with the proposed amendments.3 Statement of Reasons at 3. The Agency believes that compliant coatings are readily available. Exh. 1 at 6. Agency records further indicate that existing facilities either already use these compliant coatings, or have existing permit conditions that limit emission to below the 25 ton per year applicability level. Statement of Reasons at 5. The Agency thus concludes that there will be very little cost impact to the facilities. Statement of Reasons at 6.

The provisions that allow those facilities which might not be able to use a particular compliant coating to achieve compliance through use of averaging or add-on control devices provides extra flexibility to wood furniture coaters. They thus appear to have some potential benefit without having a cost.

The purpose of the work practice standards is to reduce VOM emission by reducing use of solvents. However, the USEPA admits that "there is not enough data available to quantify either the reduction in emission or costs associated with most of these [work practice] standards." CTG at 6-10.

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3 For this reason, the Agency expects that no significant emission reductions would result from implementing the proposed amendments. Statement of Reasons at 5.

CONCLUSION

The Board finds that, based on the record developed in this matter, adoption of the Agency's proposed amendments for the purposes of first notice is warranted.

ORDER

The Board hereby proposes for first notice the following amendments to 35 Ill. Adm. Code 211, 218, and 219. The Clerk of the Board is directed to file these proposed rules with the Secretary of State.

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

SUBPART B: DEFINITIONS

Section

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
211.1330 Complete Combustion
211.1350 Component
211.1370 Concrete Curing Compounds
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211.1670 Daily-Weighted Average VOM Content
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211.1750 Dip Coating
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211.3650 Marine Terminal
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211.3690 Maximum Theoretical Emissions
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211.3750 Metal Furniture Coating Line
211.3770 Metallic Shoe-Type Seal
211.3790 Miscellaneous Fabricated Product Manufacturing Process
211.3810 Miscellaneous Formulation Manufacturing Process
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211.3850 Miscellaneous Metal Parts and Products Coating
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211.4790 Pneumatic Rubber Tire Manufacture
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211.4890 Polystyrene Resin

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211.6410 Storage Tank or Storage Vessel
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211.6430 Styrene Devolatilizer Unit
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211.6490 Substrate
211.6510 Sulfuric Acid Mist
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211.6570 Tablet Coating Operation
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211.6590 Thirty-Day Rolling Average
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Section 211.APPENDIX A: Rule into Section Table
Section 211.APPENDIX B: Section into Rule Table

AUTHORITY: Implementing Sections 9, 9.1 and 10 and authorized by Sections 27 and 28.5 of the Environmental Protection Act [415 ILCS 5/9, 9.1, 10, 27 and 28.5].

SOURCE: Adopted as Chapter 2: Air Pollution, Rule 201: Definitions, R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R74-2 and R75-5, 32 PCB 295, at 3 Ill. Reg. 5, p. 777, effective February 3, 1979; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill. Reg. 30, p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January 21, 1983; codified at 7 Ill. Reg. 13590; amended in R82-1 (Docket A) at 10 Ill. Reg. 12624, effective July 7, 1986; amended in R85-21(A) at 11 Ill. Reg. 11747, effective June 29, 1987; amended in R86-34 at 11 Ill. Reg. 12267, effective July 10, 1987; amended in R86-39 at 11 Ill. Reg. 20804, effective December 14, 1987; amended in R82-14 and R86-37 at 12 Ill. Reg. 787, effective December 24, 1987; amended in R86-18 at 12 Ill. Reg. 7284, effective April 8, 1988; amended in R86-10 at 12 Ill. Reg. 7621, effective April 11, 1988; amended in R88-23 at 13 Ill. Reg. 10862, effective June 27, 1989; amended in R89-8 at 13 Ill. Reg.

17457, effective January 1, 1990; amended in R89-16(A) at 14 Ill. Reg. 9141, effective May 23, 1990; amended in R88-30(B) at 15 Ill. Reg. 5223, effective March 28, 1991; amended in R88-14 at 15 Ill. Reg. 7901, effective May 14, 1991; amended in R91-10 at 15 Ill. Reg. 15564, effective October 11, 1991; amended in R91-6 at 15 Ill. Reg. 15673, effective October 14, 1991; amended in R91-22 at 16 Ill. Reg. 7656, effective May 1, 1992; amended in R91-24 at 16 Ill. Reg. 13526, effective August 24, 1992; amended in R93-9 at 17 Ill. Reg. 16504, effective September 27, 1993; amended in R93-11 at 17 Ill. Reg. 21471, effective December 7, 1993; amended in R93-14 at 18 Ill. Reg. 1253, effective January 18, 1994; amended in R94-12 at 18 Ill. Reg. 14962, effective September 21, 1994; amended in R94-14 at 18 Ill. Reg. 15744, effective October 17, 1994; amended in R94-15 at 18 Ill. Reg. 16379, effective October 25, 1994; amended in R94-16 at 18 Ill. Reg. 16929, effective November 15, 1994; amended in R94-21, R94-31 and R94-32 at 19 Ill. Reg. 6823, effective May 9, 1995; amended in R94-33 at 19 Ill. Reg. 7344, effective May 22, 1995; amended in R95-2 at 19 Ill. Reg. 11066, effective July 12, 1995; amended in R95-16 at 19 Ill. Reg. 15176, effective October 19, 1995; amended in R96-5 at 20 Ill. Reg. 7590, effective May 22, 1996; amended in R96-16 at 21 Ill. Reg. 2641, effective February 7, 1997; amended in R97-17 at 21 Ill. Reg. 6489, effective May 16, 1997; amended in R97-24 at 21 Ill. Reg. 7695, effective June 9, 1997; amended in R96-17 at 21 Ill. Reg. 7856, effective June 17, 1997; amended in R97-31 at ___ Ill. Reg. _____, effective _____.

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

SUBPART B: DEFINITIONS

Section 211.1467 Continuous Coater

"Continuous coater" means a finishing system that continuously applies coating onto wood furniture parts moving along a conveyor system. Coatings that are not transferred to the part are recycled in the finishing system reservoir.

(Source: Added at ___ Ill. Reg. _____, effective _____)

Section 211.1520 Conventional Air Spray

"Conventional air spray" means a spray coating method in which the coating is atomized by mixing it with compressed air at an air pressure greater than 10 pounds per square inch (gauge) at the point of atomization. Airless, air assisted airless and electrostatic spray technologies are not conventional air spray.

(Source: Added at ___ Ill. Reg. _____, effective _____)

Section 211.6420 Strippable Spray Booth Coating

"Strippable spray booth coating" means a coating that is applied to a spray booth wall to provide a protective film to receive overspray during finishing operations and that is subsequently peeled off and disposed of.

(Source: Added at ___ Ill. Reg. _____, effective _____)

Section 211.7200 Washoff Operations

"Washoff operations" means those operations in which organic solvent is used to remove coating from a substrate.

(Source: Added at ___ 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 218
ORGANIC MATERIAL EMISSION STANDARDS AND LIMITATIONS FOR THE CHICAGO AREA

SUBPART A: GENERAL PROVISIONS

Section

SUBPART B: ORGANIC EMISSIONS FROM STORAGE AND LOADING OPERATIONS

Section

SUBPART C: ORGANIC EMISSIONS FROM MISCELLANEOUS EQUIPMENT

SUBPART E: SOLVENT CLEANING

SUBPART F: COATING OPERATIONS

SUBPART G: USE OF ORGANIC MATERIAL

SUBPART H: PRINTING AND PUBLISHING

SUBPART Q: SYNTHETIC ORGANIC CHEMICAL AND POLYMER MANUFACTURING PLANT

SUBPART R: PETROLEUM REFINING AND
RELATED INDUSTRIES; ASPHALT MATERIALS

SUBPART S: RUBBER AND MISCELLANEOUS
PLASTIC PRODUCTS

SUBPART T: PHARMACEUTICAL MANUFACTURING

SUBPART V: BATCH OPERATIONS AND AIR OXIDATION PROCESSES

SUBPART W: AGRICULTURE

SUBPART X: CONSTRUCTION

SUBPART Y: GASOLINE DISTRIBUTION

SUBPART Z: DRY CLEANERS

SUBPART AA: PAINT AND INK MANUFACTURING

SUBPART BB: POLYSTYRENE PLANTS

SUBPART CC: POLYESTER RESIN PRODUCT MANUFACTURING PROCESS

SUBPART DD: AEROSOL CAN FILLING

SUBPART FF: BAKERY OVENS (REPEALED)

SUBPART GG: MARINE TERMINALS

SUBPART HH: MOTOR VEHICLE REFINISHING

SUBPART PP: MISCELLANEOUS FABRICATED PRODUCT MANUFACTURING PROCESSES

SUBPART QQ: MISCELLANEOUS FORMULATION MANUFACTURING PROCESSES

SUBPART RR: MISCELLANEOUS ORGANIC CHEMICAL MANUFACTURING PROCESSES

SUBPART TT: OTHER EMISSION UNITS

SUBPART UU: RECORDKEEPING AND REPORTING

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. 7695, effective June 9, 1997; amended in R97-31 at ___ Ill. Reg. _____, effective _____.

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

SUBPART F: COATING OPERATIONS

Section 218.204 Emission Limitations

Except as provided in Sections 218.205, 218.207, 218.208, ~~and~~218.212, 218.215 and 218.216 of this Subpart, no owner or operator of a coating line shall apply at any time any coating in which the VOM content exceeds the following emission limitations for the specified coating. Except as provided in Section 218.204(l), compliance ~~Compliance~~with the emission limitations marked with an asterisk in this Section is required on and after March 15, 1996, and compliance~~.Compliance~~ with emission limitations not marked with an asterisk is required until March 15, 1996. The following emission limitations are expressed in units of VOM per volume of coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied at each coating applicator, except where noted. Compounds which are specifically exempted from the definition of VOM should be treated as water for the purpose of calculating the "less water" part of the coating composition. Compliance with this Subpart must be demonstrated through 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(c) of this Subpart except where noted. (Note: The equation presented in Section 218.206 of this Part shall be used to calculate emission limitations for determining compliance by add-on controls, credits for transfer efficiency, emissions trades and cross-line averaging.) The emission limitations are as follows:

		kg/l	lb/gal
a)	Automobile or Light-Duty Truck Coating		
	1) Prime coat	0.14 0.14*	(1.2) (1.2)*

2)	Primer surface coat	1.81	(15.1)
		1.81*	(15.1)*

(Note: The primer surface coat limitation is in units of kg (lbs) of VOM per l (gal) of coating solids deposited. Compliance with the limitation shall be based on the daily-weighted average from an entire primer surfacer operation. Compliance shall be demonstrated in accordance with the topcoat protocol referenced in Section 218.105(b) and the recordkeeping and reporting requirements specified in Section 218.211(f). Testing to demonstrate compliance shall be performed in accordance with the topcoat protocol and a detailed testing proposal approved by the Agency and USEPA specifying the method of demonstrating compliance with the protocol. Section 218.205 does not apply to the primer surfacer limitation.)

		kg/l	lb/gal
3)	Topcoat	1.81	(15.1)
		1.81*	(15.1)*

(Note: The topcoat limitation is in units of kg (lbs) of VOM per l (gal) of coating solids deposited. Compliance with the limitation shall be based on the daily-weighted average from an entire topcoat operation. Compliance shall be demonstrated in accordance with the topcoat protocol referenced in Section 218.105(b) of this Part and the recordkeeping and reporting requirements specified in Section 218.211(f). Testing to demonstrate compliance shall be performed in accordance with the topcoat protocol and a detailed testing proposal approved by the Agency and USEPA specifying the method of demonstrating compliance with the protocol. Section 218.205 of this Part does not apply to the topcoat limitation.)

		kg/l	lb/gal
4)	Final repair coat	0.58	(4.8)
		0.58*	(4.8)*

b)	Can Coating		kg/l	lb/gal
	1)	Sheet basecoat and overvarnish		
		A) Sheet basecoat	0.34	(2.8)
			0.26*	(2.2)*

		B) Overvarnish	0.34 0.34	(2.8) (2.8)*
	2)	Exterior basecoat and overvarnish	0.34 0.25*	(2.8) (2.1)*
	3)	Interior body spray coat		
		A) Two piece	0.51 0.44*	(4.2) (3.7)*
		B) Three piece	0.51 0.51*	(4.2) (4.2)*
	4)	Exterior end coat	0.51 0.51*	(4.2) (4.2)*
	5)	Side seam spray coat	0.66 0.66*	(5.5) (5.5)*
	6)	End sealing compound coat	0.44 0.44*	(3.7) (3.7)*

		kg/l	lb/gal
c)	Paper Coating	0.35 0.28*	(2.9) (2.3)*

(Note: The paper coating limitation shall not apply to any owner or operator of any paper coating line on which printing is performed if the paper coating line complies with the emissions limitations in Subpart H: Printing and Publishing, Section 218.401 of this Part.)

		kg/l	lb/gal
d)	Coil Coating	0.31 0.20*	(2.6) (1.7)*
e)	Fabric Coating	0.35 0.28*	(2.9) (2.3)*
f)	Vinyl Coating	0.45 0.28*	(3.8) (2.3)*

			kg/l	lb/gal
g)	Metal Furniture Coating			
	1)	Air dried	0.36	(3.0)
			0.34*	(2.8)*
	2)	Baked	0.36	(3.0)
			0.28*	(2.3)*
h)	Large Appliance Coating			
	1)	Air dried	0.34	(2.8)
			0.34*	(2.8)*
	2)	Baked	0.34	(2.8)
			0.28*	(2.3)*

(Note: The limitation shall not apply to the use of quick-drying lacquers for repair of scratches and nicks that occur during assembly, provided that the volume of coating does not exceed 0.95 l (1 quart) in any one rolling eight-hour period.)

			kg/l	lb/gal
i)	Magnet Wire Coating		0.20	(1.7)
			0.20*	(1.7)*
j)	Miscellaneous Metal Parts and Products Coating			
	1)	Clear coating	0.52	(4.3)
			0.52*	(4.3)*
	2)	Extreme performance coating		
		A) Air dried	0.42	(3.5)
			0.42*	(3.5)*
		B) Baked	0.42	(3.5)
			0.40*	(3.3)*
	3)	Steel pail and drum	0.52	(4.3)

	interior coating		0.52*	(4.3)*
4)	All other coatings			
	A)	Air Dried	0.42 0.40*	(3.5) (3.3)*
	B)	Baked	0.36 0.34*	(3.0) (2.8)*
5)	Marine engine coating			
	A)	Air Dried	0.42 0.42*	(3.5) (3.5)*
	B)	Baked		
		i) Primer/Topcoat	0.42 0.42*	(3.5) (3.5)*
		ii) Corrosion resistant basecoat	0.42 0.28*	(3.5) (2.3)*
	C)	Clear Coating	0.52 0.52*	(4.3) (4.3)*
6)	Metallic Coating			
	A)	Air Dried	0.42 0.42*	(3.5) (3.5)*
	B)	Baked	0.36 0.36	(3.0) (3.0)*

7) Definitions

A) For purposes of subsection 218.204(j)(5) of this Section, the following terms are defined:

i) "Corrosion resistant basecoat" means, for purposes of subsection 218.204(j)(5)(B)(ii) of this Section, a water-

borne epoxy coating applied via an electrodeposition process to a metal surface prior to spray coating, for the purpose of enhancing corrosion resistance.

ii) "Electrodeposition process" means, for purposes of subsection 218.204(j)(5) of this Section, a water-borne dip coating process in which opposite electrical charges are applied to the substrate and the coating. The coating is attracted to the substrate due to the electrochemical potential difference that is created.

iii) "Marine engine coating" means, for purposes of subsection 218.204(j)(5) of this Section, any extreme performance protective, decorative or functional coating applied to an engine that is used to propel watercraft.

B) For purposes of subsection 218.204(j)(6) of this Section, "metallic coating" means a coating which contains more than 1/4 lb/gal of metal particles, as applied.

			kg/l	lb/gal
k)		Heavy Off-Highway Vehicle Products Coating		
	1)	Extreme performance prime coat	0.42 0.42*	(3.5) (3.5)*
	2)	Extreme performance topcoat (air dried)	0.42 0.42*	(3.5) (3.5)*
	3)	Final repair coat (air dried)	0.42 0.42*	(3.5) (3.5)*
	4)	All other coatings are subject to the emission limitations for miscellaneous metal parts and products coatings in subsection (j) above.		
l)		Wood Furniture Coating	~~kg/l~~	~~lb/gal~~
	~~1)~~	~~Clear topcoat~~	~~0.67~~ ~~0.67*~~	~~(5.6)~~ ~~(5.6)*~~
	~~2)~~	~~Opaque stain~~	~~0.56~~ ~~0.56*~~	~~(4.7)~~ ~~(4.7)*~~

~~3)~~	~~Pigmented coat~~	~~0.60~~ ~~0.60*~~	~~(5.0)~~ ~~(5.0)*~~
~~4)~~	~~Repair coat~~	~~0.67~~ ~~0.67*~~	~~(5.6)~~ ~~(5.6)*~~
~~5)~~	~~Sealer~~	~~0.67~~ ~~0.67*~~	~~(5.6)~~ ~~(5.6)*~~
~~6)~~	~~Semi-transparent stain~~	~~0.79~~ ~~0.79*~~	~~(6.6)~~ ~~(6.6)*~~
~~7)~~	~~Wash coat~~	~~0.73~~ ~~0.73*~~	~~(6.1)~~ ~~(6.1)*~~

1) Limitations before March 15, 1998:

		kg/l	lb/gal
A)	Clear topcoat	0.67	(5.6)
B)	Opaque stain	0.56	(4.7)
C)	Pigmented coat	0.60	(5.0)
D)	Repair coat	0.67	(5.6)
E)	Sealer	0.67	(5.6)
F)	Semi-transparent stain	0.79	(6.6)
G)	Wash coat	0.73	(6.1)

Note: Prior to March 15, 1998, an ~~An~~ owner or operator of a wood furniture coating operation subject to this Section shall apply all coatings, with the exception of no more than 37.8 l (10 gal) of coating per day used for touch-up and repair operations, using one or more of the following application systems: airless spray application system, air-assisted airless spray application system, electrostatic spray application system, electrostatic bell or disc spray application system, heated airless spray application system, roller coating, brush or wipe coating application system, dip coating application system or high volume low pressure (HVLP) application system.)

2) On and after March 15, 1998, wood furniture sealers and topcoats must comply with one of the limitations specified in subsections (A) through (E), below:

		kg VOM/kg solids	lb VOM/lb solids
A)	Topcoat	0.8	(0.8)
B)	Sealers and topcoats with the following limits:		
i)	Non-acid-cured alkyd amino vinyl sealer	1.9	(1.9)
ii)	Non-acid-cured alkyd amino conversion varnish	1.8	(1.8)
iii)	Acid-cured alkyd amino vinyl sealer	2.3	(2.3)
iv)	Acid-cured alkyd amino conversion varnish	2.0	(2.0)

C) Meet the provisions of Section 218.215 of this Subpart for use of an averaging approach;

D) Achieve a reduction in emissions equivalent to the requirements of subsections (l)(2)(A) or (B) of this Section, as calculated using Section 218.216 of this Subpart; or

E) Use a combination of the methods specified in subsections (l)(2)(A) through (D) of this Section.

3) Other wood furniture coating limitations on and after March 15, 1998:

		kg/l	lb/gal
A)	Opaque stain	0.56	(4.7)
B)	Non-topcoat pigmented coat	0.60	(5.0)
C)	Repair coat	0.67	(5.6)
D)	Semi-transparent stain	0.79	(6.6)
E)	Wash coat	0.73	(6.1)

4) Other wood furniture coating requirements on and after March 15, 1998:

A) No source subject to the limitations of subsections (l)(2) or (3) of this Section and utilizing one or more wood furniture coating spray booths shall use strippable spray booth coatings containing more than 0.8 kg VOM/kg solids (0.8 lb VOM/lb solids), as applied.

B) Any source subject to the limitations of subsections (l)(2) or (3) of this Section shall comply with the requirements of Section 218.217 of this Subpart.

C) Any source subject to the limitations of subsection (l)(2)(A) or (B) of this Section and utilizing one or more continuous coaters, shall for each continuous coater, use an initial coating which complies with the limitations of subsection (l)(2)(A) or (B) of this Section. The viscosity of the coating in each reservoir shall always be greater than or equal to the viscosity of the initial coating in the reservoir. The owner or operator shall:

i) Monitor the viscosity of the coating in the reservoir with a viscosity meter or by testing the viscosity of the initial coating and retesting the coating in the reservoir each time solvent is added;

ii) Collect and record the reservoir viscosity and the amount and weight of VOM per weight of solids of coating and solvent each time coating or solvent is added; and

iii) Maintain these records at the source for a period of three years.

m) Existing Diesel-Electric Locomotive Coating Lines in Cook County

		kg/l	lb/gal
1)	Extreme performance prime coat	0.42 0.42*	(3.5) (3.5)*
2)	Extreme performance top-coat (air dried)	0.42 0.42*	(3.5) (3.5)*
3)	Final repair coat	0.42	(3.5)

		(air dried)	0.42*	(3.5)*
	4)	High-temperature aluminum coating	0.72 0.72*	(6.0) (6.0)*
	5)	All other coatings	0.36 0.36*	(3.0) (3.0)*

n) Plastic Parts Coating: Automotive/Transportation

				kg/l	lb/gal
1)	Interiors				
	A)	Baked			
		i)	Color coat	0.49*	(4.1)*
		ii)	Primer	0.46*	(3.8)*
	B)	Air Dried			
		i)	Color coat	0.38*	(3.2)*
		ii)	Primer	0.42*	(3.5)*
2)	Exteriors (flexible and non-flexible)				
	A)	Baked			
		i)	Primer	0.60*	(5.0)*
		ii)	Primer non-flexible	0.54*	(4.5)*
		iii)	Clear coat	0.52*	(4.3)*
		iv)	Color coat	0.55*	(4.6)*
	B)	Air Dried			
		i)	Primer	0.66*	(5.5)*

		ii)	Clear coat	0.54*	(4.5)*
		iii)	Color coat (red & black)	0.67*	(5.6)*
		iv)	Color coat (others)	0.61*	(5.1)*
	3)	Specialty			
		A)	Vacuum metallizing basecoats, texture basecoats	0.66*	(5.5)*
		B)	Black coatings, reflective argent coatings, air bag cover coatings, and soft coatings	0.71*	(5.9)*
		C)	Gloss reducers, vacuum metallizing topcoats, and texture topcoats	0.77*	(6.4)*
		D)	Stencil coatings, adhesion primers, ink pad coatings, electrostatic prep coatings, and resist coatings	0.82*	(6.8)*
		E)	Head lamp lens coatings	0.89*	(7.4)*

o) Plastic Parts Coating: Business Machine

		kg/l	lb/gal
1)	Primer	0.14*	(1.2)*
2)	Color coat (non-texture coat)	0.28*	(2.3)*

3)	Color coat (texture coat)		0.28*	(2.3)*
4)	Electromagnetic interference/radio frequency interference (EMI/RFI) shielding coatings		0.48*	(4.0)*
5)	Specialty Coatings			
	A)	Soft coat	0.52*	(4.3)*
	B)	Plating resist	0.71*	(5.9)*
	C)	Plating sensitizer	0.85*	(7.1)*

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 218.205 Daily-Weighted Average Limitations

No owner or operator of a coating line subject to the limitations of Section 218.204 of this Subpart and complying by means of this Section shall operate the subject coating line unless the owner or operator has demonstrated compliance with subsection (a), (b), (c), (d), (e), (f), (g), (h) or (i) of this Section (depending upon the category of coating) through 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(d) of this Subpart:

a) No owner or operator of a coating line subject to only one of the limitations from among Section 218.204(a)(1), (a)(4), (c), (d), (e), (f), or (i) of this Subpart shall apply coatings on any such coating line, during any day, whose daily-weighted average VOM content exceeds the emission limitation to which the coatings are subject.

b) No owner or operator of a miscellaneous metal parts and products coating line subject to the limitations of Section 218.204(j) of this Subpart shall apply coatings to miscellaneous metal parts or products on the subject coating line unless the requirements in subsection (b)(1) or (b)(2) of this Section are met.

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 218.204(j) during the same day (e.g., all coatings used on the line are

subject to 0.42 kg/l [3.5 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 218.204(j) of this Subpart, during the same day, the owner or operator shall have a site-specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) 51 Fed. Reg. 43814 (December 4, 1986), must be satisfied.

c) No owner or operator of a can coating line subject to the limitations of Section 218.204(b) of this Subpart shall operate the subject coating line using a coating with a VOM content in excess of the limitations specified in Section 218.204(b) of this Subpart unless all of the following requirements are met:

1) An alternative daily emission limitation shall be determined for the can coating operation, i.e. for all of the can coating lines at the source, according to subsection (c)(2) of this Section. Actual daily emissions shall never exceed the alternative daily emission limitation and shall be calculated by use of the following equation.

$$E_d = \sum_{i=1}^{n} V_i \, C_i$$

where:

E_d = Actual VOM emissions for the day in units of kg/day (lbs/day);

i = Subscript denoting a specific coating applied;

n = Total number of coatings applied in the can coating operation, i.e. all can coating lines at the source;

V_i = Volume of each coating applied for the day in units of l/day (gal/day) of coating (minus water and any compounds which are specifically exempted from the definition of VOM);

C_i = The VOM content of each coating as applied in units of kg VOM/l (lbs VOM/gal) of coating (minus water and any compounds which are specifically exempted from the definition of VOM).

2) The alternative daily emission limitation (A_d) shall be determined for the can coating operation, i.e. for all of the can coating lines at the source, on a daily basis as follows:

$$A_d = \sum_{i=1}^{n} V_i L_i \frac{(D_i - C_i)}{(D_i - L_i)}$$

where:

A_d = The VOM emissions allowed for the day in units of kg/day (lbs/day);

i = Subscript denoting a specific coating applied;

n = Total number of surface coatings applied in the can coating operation;

C_i = The VOM content of each surface coating as applied in units of kg VOM/l (lbs VOM/gal) of coating (minus water and any compounds which are specifically exempted from the definition of VOM);

D_i = The density of VOM in each coating applied. For the purposes of calculating A_d, the density is 0.882 kg VOM/l VOM (7.36 lbs VOM/gal VOM);

V_i = Volume of each surface coating applied for the day in units of l (gal) of coating (minus water and any compounds which are specifically exempted from the definition of VOM);

L_i = The VOM emission limitation for each surface coating applied as specified in Section 218.204(b) of this Subpart in units of kg VOM/l (lbs VOM/gal) of coating (minus water and any compounds which are specifically exempted from the definition of VOM).

d) No owner or operator of a heavy off-highway vehicle products coating line subject to the limitations of Section 218.204(k) of this Subpart shall apply coatings to heavy off-highway vehicle products on the subject coating line unless the requirements of subsection (d)(1) or (d)(2) of this Section are met.

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 218.204(k) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.42 kg/l [3.5 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 218.204(k) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) 51 Fed. Reg. 43814 (December 4, 1986), must be satisfied.

e) No owner or operator of a wood furniture coating line subject to the limitations of Section 218.204(l)(1) or (l)(3) of this Subpart shall apply coatings to wood furniture on the subject coating line unless the requirements of subsection (e)(1) or subsection (e)(2) of this Section, in addition to the requirements specified in the note to Section 218.204(l)(1) of this Subpart, are met.

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 218.204(l)(1) or (l)(3) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.67 kg/l [5.6 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 218.204(l)(1) or (l)(3) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) 51 Fed. Reg. 43814 (December 4, 1986), must be satisfied.

f) No owner or operator of an existing diesel-electric locomotive coating line in Cook County, subject to the limitations of Section 218.204(m) of this Subpart shall apply coatings to diesel-electric locomotives on the subject coating line unless the requirements of subsection (f)(1) or (f)(2) of this Section are met.

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 218.204(m) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.42 kg/l [3.5 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 218.204(m) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) must be satisfied.

g) No owner or operator of a plastic parts coating line, subject to the limitations of Section 218.204(n) or (o) of this Subpart shall apply coatings to business machine or automotive/transportation plastic parts on the subject coating line unless the requirements of subsection (g)(1) or (g)(2) of this Section are met:

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 218.204(n) or (o) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.42 kg/l [3.5 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used; or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 218.204(n) or (o) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) must be satisfied.

h) No owner or operator of a metal furniture coating line, subject to the limitations of Section 218.204(g) of this Subpart shall apply coatings on the subject coating line unless the requirements of subsection (h)(1) or (h)(2) of this Section are

met:

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 218.204(g) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.34 kg/l [2.8 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used; or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 218.204(g) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) must be satisfied.

i) No owner or operator of a large appliance coating line, subject to the limitations of Section 218.204(h) of this Subpart shall apply coatings on the subject coating line unless the requirements of subsection (i)(1) or (i)(2) of this Section are met:

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 218.204(h) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.34 kg/l [2.8 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 218.204(h) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) must be satisfied.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 218.210 Compliance Schedule

Every owner or operator of a coating line (of a type included within Section 218.204 of this Subpart) shall comply with the requirements of Section 218.204, 218.205, 218.207 or 218.208 and Section 218.211 or Sections 218.212 and 218.213 of this Subpart in accordance with the appropriate compliance schedule as specified in subsection (a), (b), (c), (d), (e) or (f) below:

a) No owner or operator of a coating line which is exempt from the limitations of Section 218.204 of this Subpart because of the criteria in Section 218.208(a) or (b) of this Subpart shall operate said coating line on or after a date consistent with Section 218.106 of this Part, unless the owner or operator has complied with, and continues to comply with, Section 218.211(b) of this Subpart. ~~Wood furniture coating lines are not subject to Section 218.211(b) of this Subpart.~~

b) No owner or operator of a coating line complying by means of Section 218.204 of this Subpart shall operate said coating line on or after a date consistent with Section 218.106 of this Part, unless the owner or operator has complied with, and continues to comply with, Sections 218.204 and 218.211(c) of this Subpart.

c) No owner or operator of a coating line complying by means of Section 218.205 of this Subpart shall operate said coating line on or after a date consistent with Section 218.106 of this Part, unless the owner or operator has complied with, and continues to comply with, Sections 218.205 and 218.211(d) of this Subpart.

d) No owner or operator of a coating line complying by means of Section 218.207 of this Subpart shall operate said coating line on or after a date consistent with Section 218.106 of this Part, unless the owner or operator has complied with, and continues to comply with, Sections 218.207 and 218.211(e) of this Subpart.

e) No owner or operator of a coating line subject to one or more of the emission limitations contained in Section 218.204 of this Subpart on or after March 15, 1996, choosing to comply by means of Section 218.204, 218.205 or 218.207 of this Subpart, shall operate said coating line on or after March 15, 1996, unless the owner or operator complies with and continues to comply with, respectively, the applicable requirements in Section 218.204, or the alternative control options in Sections 218.205 or 218.207 and the requirements of Section 218.211.

f) No owner or operator of a coating line subject to one or more of the emission limitations contained in Section 218.204 of this Subpart on or after March 15, 1996, choosing to comply by means of Section 218.212 of this Subpart, shall operate said coating line on or after March 15, 1996, unless the owner or operator complies with and continues to comply with the requirements of Sections 218.212 and 218.213 of this Subpart.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 218.211 Recordkeeping and Reporting

a) The VOM content of each coating and the efficiency of each capture system and control device shall be determined by the applicable test methods and procedures specified in Section 218.105 of this Part to establish the records required under this Section.

b) Any owner or operator of a coating line which is exempted from the limitations of Section 218.204 of this Subpart~~Part~~ because of Section 218.208(a) or (b) of this Subpart~~Part~~ shall comply with the following:

1) For sources exempt under Section 218.208(a) of this Subpart, by ~~By~~a date consistent with Section 218.106 of this Part, the owner or operator of a coating line or a group of coating lines referenced in subsection(b) of this Section shall certify to the Agency that the coating line or group of coating lines is exempt under the provisions of Section 218.208(a) ~~218.108(a)~~ of this Subpart~~Part~~. Such certification shall include:

A) A declaration that the coating line or group of coating lines is exempt from the limitations of Section 218.204 of this Subpart~~Part~~ because of Section 218.208(a) of this Subpart~~Part~~; and

B) Calculations which demonstrate that the combined VOM emissions from the coating lines or group of coating lines never exceed 6.8 kg (15 lbs) per day before the application of capture systems and control devices. The following equation shall be used to calculate total VOM emissions:

$$T_e = \sum_{j=1}^{m} \sum_{i=1}^{n} (A_i \; B_i)_j$$

where:

T_e = Total VOM emissions from coating lines each day before the application of capture systems and control devices in units of kg/day (lbs/day);

m = Number of coating lines at the source that otherwise would be subject to the same subsection of Section 218.104 of this Part (because they belong to the same category, e.g., can coating);

j = Subscript denoting an individual coating line;

n = Number of different coatings as applied each day on each coating line;

i = Subscript denoting an individual coating;

A_i = Weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line in units of kg VOM/l (lbs VOM/gal); and

B_i = Volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line in units of l/day (gal/day). The instrument or method by which the owner or operator accurately measured or calculated the volume of each coating as applied on each coating line each day shall be described in the certification to the Agency.

2) For sources exempt under Section 218.208(b) of this Subpart, by March 15, 1998, or upon initial start-up, the owner or operator of a coating line or a group of coating lines referenced in subsection (b) of this Section shall certify to the Agency that the source is exempt under the provisions of Section 218.208(b) of this Subpart. Such certification shall include:

A) A declaration that the source is exempt from the limitations of Section 218.204(l) of this Subpart because of Section 218.208(b) of this Subpart; and

B) Calculations which demonstrate that the source meets the criteria for exemption because of Section 218.208(b) of this Subpart.

3)~~2)~~ For sources exempt under Section 218.208(a) of this Subpart, o~~O~~n and after a date consistent with Section 218.106 of this Part, the owner or operator of a coating line or group of coating lines referenced in this subsection shall collect and record all of the following information each day for each coating line and maintain the information at the source for a

period of three years:

A) The name and identification number of each coating as applied on each coating line~~.~~; and

B) The weight of VOM per volume and the volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.

4) For sources exempt under Section 218.208(b) of this Subpart, on and after March 15, 1998, the owner or operator of a coating line or group of coating lines referenced in this subsection shall collect and record all of the following information for each coating line and maintain the information at the source for a period of three years:

A) The name and identification number of each coating as applied on each coating line; and

B) The weight of VOM per volume and the volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied on each coating line on a monthly basis.

5~~3~~) On and after a date consistent with Section 218.106 of this Part, the owner or operator of a coating line or group of coating lines exempted from the limitations of Section 218.204 of this Subpart~~Part~~ because of Section 218.208(a) of this Subpart~~Part~~ shall notify the Agency of any record showing that total VOM emissions from the coating line or group of coating lines exceed 6.8 kg (15 lbs) in any day before the application of capture systems and control devices by sending a copy of such record to the Agency within 30 days after the exceedance occurs.

6) On and after March 15, 1998, any owner or operator of a source exempt from the limitations of Section 218.204(l) of this Subpart because of Section 218.208(b) of this Subpart shall notify the Agency if the source's VOM emissions exceed the limitations of Section 218.208(b) of this Subpart by sending a copy of calculations showing such an exceedance within 30 days after the change occurs.

c) Any owner or operator of a coating line subject to the limitations of Section 218.204 of this Subpart~~Part~~ other than Section 218.204(a)(2) or (a)(3) of this

Subpart and complying by means of Section 218.204 of this SubpartPart shall comply with the following:

1) By a date consistent with Section 218.106 of this Part, or upon initial start-up of a new coating line, or upon changing the method of compliance from an existing subject coating line from Section 218.205, orSection 218.207, Section 218.215, or Section 218.216 of this SubpartPart to Section 218.204 of this SubpartPart; the owner or operator of a subject coating line shall certify to the Agency that the coating line will be in compliance with Section 218.204 of this SubpartPart on and after a date consistent with Section 218.106 of this Part, or on and after the initial start-up date. Such certification shall include:

   A) The name and identification number of each coating as applied on each coating line.;

   B) The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.; and

   C) On and after March 15, 1998, for coating lines subject to the limitations of Section 218.204(l)(2)(A) or (B) of this Subpart, the weight of VOM per weight of solids in each coating as applied each day on each coating line.

2) On and after a date consistent with Section 218.106 of this Part, or on and after the initial start-up date, the owner or operator of a subject coating line shall collect and record all of the following information each day for each coating line and maintain the information at the source for a period of three years:

   A) The name and identification number of each coating as applied on each coating line.;

   B) The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.; and

   C) On and after March 15, 1998, for coating lines subject to the

limitations of Section 218.204(l)(2)(A) or (B) of this Subpart, the weight of VOM per weight of solids in each coating as applied each day on each coating line and certified product data sheets for each coating.

D) On and after March 15, 1998, for wood furniture coating spray booths subject to the limitation of Section 218.204(l)(4)(A) of this Subpart, the weight of VOM per weight of solids in each strippable spray booth coating as applied each day on each spray booth and certified product data sheets for each coating.

3) On and after a date consistent with Section 218.106 of this Part, the owner or operator of a subject coating line shall notify the Agency in the following instances:

A) Any record showing violation of Section 218.204 of this Subpart~~Part~~ shall be reported by sending a copy of such record to the Agency within 30 days following the occurrence of the violation.

B) At least 30 calendar days before changing the method of compliance from Section 218.204 of this Subpart~~Part~~ to Section 218.205 or Section 218.207 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (d)(1) or (e)(1) of this Section below, respectively. Upon changing the method of compliance from Section 218.204 of this Subpart~~Part~~ to Section 218.205 of this Subpart~~Part~~ or Section 218.207 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (d) or (e) of this Section, respectively.

d) Any owner or operator of a coating line subject to the limitations of Section 218.204 of this Subpart~~Part~~ and complying by means of Section 218.205 of this Subpart~~Part~~ shall comply with the following:

1) By a date consistent with Section 218.106 of this Part, or upon initial start-up of a new coating line, or upon changing the method of compliance for an existing subject coating line from Section 218.204 or Section 218.207 of this Subpart~~Part~~ to Section 218.205 of this Subpart~~Part~~; the owner or operator of the subject coating line shall certify to the Agency that the coating line will be in compliance with Section 218.205 of this Subpart~~Part~~ on and after a date consistent with Section 218.106 of this Part, or on and after the initial start-up date.

Such certification shall include:

A) The name and identification number of each coating line which will comply by means of Section 218.205 of this Subpart~~Part~~.

B) The name and identification number of each coating as applied on each coating line.

C) The weight of VOM per volume and the volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.

D) On and after March 15, 1998, for coating lines subject to the limitations of Section 218.204(l)(2)(A) or (B) of this Subpart, the weight of VOM per weight of solids in each coating as applied each day on each coating line.

E~~D~~) The instrument or method by which the owner or operator will accurately measure or calculate the volume of each coating as applied each day on each coating line.

F~~E~~) The method by which the owner or operator will create and maintain records each day as required in subsection (d)(2) of this Section.

G~~F~~) An example of the format in which the records required in subsection (d)(2) of this Section will be kept.

2) On and after a date consistent with Section 218.106 of this Part, or on and after the initial start-up date, the owner or operator of a subject coating line shall collect and record all of the following information each day for each coating line and maintain the information at the source for a period of three years:

A) The name and identification number of each coating as applied on each coating line.

B) The weight of VOM per volume and the volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.

C) On and after March 15, 1998, for coating lines subject to the limitations of Section 218.204(l)(2)(A) or (B) of this Subpart, the weight of VOM per weight of solids in each coating as applied each day on each coating line.

D~~C~~) The daily-weighted average VOM content of all coatings as applied on each coating line as defined in Section 218.104 of this Part.

3) On and after a date consistent with Section 218.106 of this Part, the owner or operator of a subject coating line shall notify the Agency in the following instances:

A) Any record showing violation of Section 218.205 of this Subpart~~Part~~ shall be reported by sending a copy of such record to the Agency within 30 days following the occurrence of the violation.

B) At least 30 calendar days before changing the method of compliance with this Subpart from Section 218.205 of this Subpart~~Part~~ to Section 218.204 or Section 218.207 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (c)(1) or (e)(1) of this Section, respectively. Upon changing the method of compliance with this subpart from Section 218.205 to Section 218.204 or Section 218.207 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (c) or (e) of this Section, respectively.

e) Any owner or operator of a coating line subject to the limitations of Section 218.207 of this Subpart~~Part~~ and complying by means of Section 218.207(c), (d), (e), (f), (g) or (h) of this Subpart~~Part~~ shall comply with the following:

1) By a date consistent with Section 218.106 of this Part, or upon initial start-up of a new coating line, or upon changing the method of compliance for an existing coating line from Section 218.204 or Section 218.205 of this Subpart to Section 218.207 of this Subpart, the owner or operator of the subject coating line shall perform all tests and submit to the Agency the results of all tests and calculations necessary to demonstrate that the subject coating line will be in compliance with Section 218.207 of this Subpart~~Part~~ on and after a date consistent with

Section 218.106 of this Part, or on and after the initial start-up date.

2) On and after a date consistent with Section 218.106 of this Part, or on and after the initial start-up date, the owner or operator of a subject coating line shall collect and record all of the following information each day for each coating line and maintain the information at the source for a period of three years:

   A) The weight of VOM per volume of coating solids as applied each day on each coating line, if complying pursuant to Section 218.207(b)(2) of this Subpart~~Part~~.

   B) Control device monitoring data.

   C) A log of operating time for the capture system, control device, monitoring equipment and the associated coating line.

   D) A maintenance log for the capture system, control device and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages.

3) On and after a date consistent with Section 218.106 of this Part, the owner or operator of a subject coating line shall notify the Agency in the following instances:

   A) Any record showing violation of Section 218.207 of this Subpart~~Part~~ shall be reported by sending a copy of such record to the Agency within 30 days following the occurrence of the violation.

   B) At least 30 calendar days before changing the method of compliance with this Subpart from Section 218.207 of this Subpart~~Part~~ to Section 218.204 or Section 218.205 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (c)(1) or (d)(1) of this Section, respectively. Upon changing the method of compliance with this subpart from Section 218.207 of this Subpart~~Part~~ to Section 218.204 or Section 218.205 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (c) or (d) of this Section, respectively.

f) Any owner or operator of a primer surfacer operation or topcoat operation subject to the limitations of Section 218.204(a)(2) or (a)(3) of this Subpart~~Part~~ shall comply with the following:

1) By a date consistent with Section 218.106 of this Part, or upon initial start-up of a new coating operation, the owner or operator of a subject coating operation shall certify to the Agency that the operation will be in compliance with Section 218.204 of this Subpart~~Part~~ on and after a date consistent with Section 218.106 of this Part, or on and after the initial start-up date. Such certification shall include:

A) The name and identification number of each coating operation which will comply by means of Section 218.204(a)(2) and (a)(3) of this Subpart~~Part~~ and the name and identification number of each coating line in each coating operation.

B) The name and identification number of each coating as applied on each coating line in the coating operation.

C) The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.

D) The transfer efficiency and control efficiency measured for each coating line.

E) Test reports, including raw data and calculations documenting the testing performed to measure transfer efficiency and control efficiency.

F) The instrument or method by which the owner or operator will accurately measure or calculate the volume of each coating as applied each day on each coating line.

G) The method by which the owner or operator will create and maintain records each day as required in subsection (f)(2) below.

H) An example format for presenting the records required in subsection (f)(2) below.

2) On and after a date consistent with Section 218.106 of this Part, or on and after the initial start-up date, the owner or operator of a subject

coating operation shall collect and record all of the following information each day for each operation and maintain the information at the source for a period of three years:

A) All information necessary to calculate the daily-weighted average VOM emissions from the coating operations in kg (lbs) per 1 (gal) of coating solids deposited in accordance with the proposal submitted, and approved pursuant to Section 218.204(a)(2) or (a)(3) of this Subpart~~Part~~ including:

i) The name and identification number of each coating as applied on each coating operation.

ii) The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating operation.

B) If a control device(s) is used to control VOM emissions, control device monitoring data; a log of operating time for the capture system, control device, monitoring equipment and the associated coating operation; and a maintenance log for the capture system, control device and monitoring equipment, detailing all routine and non-routine maintenance performed including dates and duration of any outages.

3) On and after a date consistent with Section 218.106 of this Part or on and after the initial start-up date, the owner or operator of a subject coating operation shall determine and record the daily VOM emissions in kg (lbs) per 1 (gal) of coating solids deposited in accordance with the proposal submitted and approved pursuant to Section 218.204(a)(2) or (a)(3) of this Subpart~~Part~~ within 10 days from the end of the month and maintain this information at the source for a period of three years.

4) On and after a date consistent with Section 218.106 of this Part, the owner or operator of a subject coating operation shall notify the Agency in the following instances:

A) Any record showing a violation of Section 218.204(a)(2) or (a)(3) of this Subpart~~Part~~ shall be reported by sending a copy of such record to the Agency within 15 days from the end of the month in which the violation occurred.

B) The owner or operator shall notify the Agency of any change to the operation at least 30 days before the change is effected. The Agency shall determine whether or not compliance testing is required. If the Agency determines that compliance testing is required, then the owner or operator shall submit a testing proposal to the Agency within 30 days and test within 30 days of the approval of the proposal by the Agency and USEPA.

(Source: Amended at ___ Ill. Reg._____, effective _____)

Section 218.215 Wood Furniture Coating Averaging Approach

a) On and after March 15, 1998, any owner or operator of a source subject to the limitations of Section 218.204(l) of this Subpart may elect to comply with the requirements of this Section rather than complying with the applicable emission limitations set forth in Section 218.204(l)(2)(A) or (B) of this Subpart. The source must continue to comply with the limitations set forth in Sections 218.204(l)(3) and (4) of this Subpart. A source electing to rely on this Section to demonstrate compliance with the requirements of this Subpart shall operate pursuant to federally enforceable permit conditions approved by the Agency and USEPA.

b) An owner or operator of a source subject to the limitations of Section 218.204(l) of this Subpart and electing to rely on this Section to demonstrate compliance with this Subpart must establish, by use of subsection (b)(1) or (b)(2) of this Section, that, on a daily basis, actual emissions from the affected source are less than or equal to ninety percent of the allowable emissions, that is $V_a \leq V_p$:

1) Option I:

A) $V_a = \sum_{i=1}^{n} (ER_{TCi} \times TC_i)$; and

B) $V_p = 0.9 \times \sum_{i=1}^{n} (0.8 \times TC_i)$

2) Option II:

A) $V_a = \sum_{i=1}^{n} [(ER_{TCi} \times TC_i) + (ER_{SEi} \times SE_i) + (ER_{WCi} \times WC_i)$

$$i = 1 \quad + (ER_{PCi} \times PC_i) + (ER_{STi} \times ST_i)]; \text{ and}$$

B) $$V_p = 0.9x \sum_{i=1}^{n} [(1.8 \times TC_i) + (1.9 \times SE_i) + (9.0 \times WC_i) + (1.2 \times PC_i) + (0.791 \times ST_i)]$$

where:

V_a = Actual VOM emissions from the source;
V_p = 90% of the allowable VOM emissions from the source;
n = Number of different wood furniture coatings as applied each day on each coating line;
i = Subscript denoting an individual coating;
TC_i = kilograms of solids in topcoat "i" used;
SE_i = kilograms of solids in sealer "i" used;
WC_i = kilograms of solids in wash coat "i" used;
PC_i = kilograms of solids in non-topcoat pigmented coat "i" used;
ST_i = liters of stain "i" used;
ER_{TCi} = VOM content of topcoat "i" in kg VOM/kg solids, as applied;
ER_{SEi} = VOM content of sealer "i" in kg VOM/kg solids, as applied;
ER_{WCi} = VOM content of washcoat "i" in kg VOM/kg solids, as applied;
ER_{PCi} = VOM content of non-topcoat pigmented coat "i" in kg VOM/kg solids, as applied;
ER_{STi} = VOM content of stain "i" in kg VOM/liter (kg/l), as applied;

c) Within the structure of the source's federally enforceable permit conditions, an owner or operator of a source electing to rely on this Section to demonstrate compliance with this Subpart shall provide to the Agency:

1) The name and identification number of each participating coating line;

2) The name and identification number of each coating as applied on each participating coating line;

3) A summary of how averaging will be used to meet the emission limitations;

4) Documentation that $V_a \leq V_p$, as calculated in subsection (b)(1) or (2) of this Section;

5) A description of which types of coating materials will be included in the source's averaging program, which may include stains, basecoats,

washcoats, sealers, and topcoats. Coating materials that are applied using continuous coaters may be used in an averaging program only if the source can determine the amount of coating used each day;

6) A description of methods and procedures for quantifying emissions on a daily basis, including methods to determine the VOM content of each coating and the daily usage of each coating; and

7) A summary of the monitoring, recordkeeping, and reporting procedures that will be used to demonstrate daily compliance with the inequalities in subsection (b)(1) and (2) of this Section. These procedures shall be structured such that the Agency and the owner or operator of the source can determine the source's compliance status for any given day.

d) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the requirements of this Subpart shall, for each coating line relying on this Section, collect and record the following information on a daily basis and maintain the information at the source for a period of three years:

1) The name and identification number of each coating as applied on the coating line;

2) The weight of VOM per weight of solids (kg VOM/kg solids) and the weight of solids (kg) of each coating as applied on each coating line on a daily basis;

3) Certified product data sheets for each coating; and

4) The calculations showing the source has met the conditions of the inequalities in subsection (b)(1) or (2) of this Section.

e) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the requirements of this Subpart shall:

1) Notify the Agency within 30 calendar days following an occurrence of a violation of this Section; and

2) Send to the Agency any record showing a violation of this Section within 30 calendar days following the occurrence of a violation.

f) At least 30 calendar days before changing the method of compliance with this Subpart from reliance on this Section to reliance on Section 218.204(l)(2)(A) or (B) of this Subpart, the owner or operator of a source relying on this Section to demonstrate compliance with this Subpart for one or more wood furniture coating lines shall:

1) Comply with all requirements of Section 218.211(c)(1) of this Subpart; and

2) Certify that all remaining coating lines relying on this Section to comply with the requirements of this Subpart, if any, comply and continue to comply with the requirements of this Section.

(Source: Added at ___ Ill. Reg._____, effective _____)

Section 218.216 Wood Furniture Coating Add-On Control Use

The owner or operator of a source subject to the requirements of Section 218.204(l)(2) of this Subpart may choose to comply with those limitations by relying on Section 218.204(l)(2)(D) of this Subpart if all of the following requirements are met:

a) For each coating applied, determine the overall control efficiency needed to demonstrate compliance using the following equation:

$R = [(C - L)/C] \times 100$

where:

R = the necessary overall capture and control efficiency of the control system, as a percentage;

C = the VOM content of the coating, in kilograms of VOM per kilograms of coating solids (kg VOM/kg solids), as applied;

L = the emission limitation for that coating, as given in Section 218.204(l)(2)(B) of this Subpart.

b) Calculate the equivalent overall capture and control efficiency of the control device using the procedures of Sections 218.105(c),(d), and (e) of this Part.

c) Demonstrate that the equivalent overall capture and control efficiency calculated using the procedures in Section 218.105(c), (d), and (e) of this Part is equal to

or greater than the largest value of R calculated for each coating by the equation in subsection (a) of this Section.

d) Install, calibrate, operate, and maintain the applicable monitoring equipment for the control device as specified in Section 218.105(d) of this Part.

e) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the requirements of this Subpart shall, for each coating line relying on this Section, collect and record the following information on a daily basis and maintain the information at the source for a period of three years:

1) The name and identification number of each coating as applied on the coating line;

2) The weight of VOM per weight of solids (kg VOM/kg solids) of each coating as applied on each coating line on a daily basis;

3) Certified product data sheets for each coating;

4) Control device monitoring data;

5) A log of operating time for the capture system, control device, monitoring equipment and the associated coating line; and

6) A maintenance log for the capture system, control device and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages.

f) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the requirements of this Subpart shall:

1) Notify the Agency within 30 calendar days following an occurrence of a violation of this Section; and

2) Send to the Agency any record showing a violation of this Section within 30 calendar days following the occurrence of a violation.

g) At least 30 calendar days before changing the method of compliance with this Subpart from reliance on this Section to reliance on Section 218.204(l)(2)(A) or (B) of this Subpart, the owner or operator of a source relying on this Section to

demonstrate compliance with this Subpart for one or more wood furniture coating lines shall:

1) Comply with all requirements of Section 218.211(c)(1) of this Subpart; and

2) Certify that all remaining coating lines relying on this Section to comply with the requirements of this Subpart, if any, comply and continue to comply with the requirements of this Section.

(Source: Added at ___ Ill. Reg._____, effective _____)

Section 218.217 Wood Furniture Coating Work Practice Standards

a) Spray booth cleaning. Each owner or operator of a source subject to the limitations of Section 218.204(l) of this Subpart shall not use compounds containing more than 8.0 percent, by weight, of VOM for cleaning spray booth components other than conveyors, continuous coaters and their enclosures, and metal filters, unless the spray booth is being refurbished. If the spray booth is being refurbished, that is, the spray booth coating or other material used to cover the booth is being replaced, the affected source shall use no more than 1.0 gallon of organic solvent to prepare the booth prior to applying the booth coating.

b) Cleaning and storage requirements. Each owner or operator of a source subject to the limitations of Section 218.204(l) of this Subpart shall:

1) Keep, store, and dispose of all coating, cleaning, and washoff materials in closed containers;

2) Pump or drain all organic solvent used for line cleaning into closed containers;

3) Collect all organic solvent used to clean spray guns in closed containers; and

4) Control emissions from washoff operations by using closed tanks.

c) Application equipment requirements. No owner or operator of a source subject to the limitations of Section 218.204(l) of this Subpart shall use conventional air spray guns to apply coating materials to wood furniture except under the circumstances specified in subsections (c)(1) through (4) of this Section:

1) To apply coating materials that have a VOM content no greater than 1.0 kg VOM/kg solids (1.0 lb VOM/lb solids), as applied;

2) For repair coating under the following circumstances:

A) The coating materials are applied after the completion of the coating operation; or

B) The coating materials are applied after the stain and before any other type of coating material is applied, and the coating materials are applied from a container that has a volume of no more than 2.0 gallons;

3) If the spray gun is aimed and triggered automatically, rather than manually; or

4) If emissions from the finishing application station are directed to a control device pursuant to Section 218.216 of this Subpart.

(Source: Added at ___ 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

SUBPART B: ORGANIC EMISSIONS FROM STORAGE AND LOADING OPERATIONS

Section

SUBPART C: ORGANIC EMISSIONS FROM MISCELLANEOUS EQUIPMENT

SUBPART E: SOLVENT CLEANING

SUBPART F: COATING OPERATIONS

SUBPART G: USE OF ORGANIC MATERIAL

SUBPART H: PRINTING AND PUBLISHING

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

SUBPART R: PETROLEUM REFINING AND

RELATED INDUSTRIES; ASPHALT MATERIALS

SUBPART S: RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS

SUBPART T: PHARMACEUTICAL MANUFACTURING

SUBPART V: BATCH OPERATIONS AND AIR

OXIDATION PROCESSES

SUBPART W: AGRICULTURE

SUBPART X: CONSTRUCTION

SUBPART Y: GASOLINE DISTRIBUTION

SUBPART Z: DRY CLEANERS

SUBPART AA: PAINT AND INK MANUFACTURING

SUBPART BB: POLYSTYRENE PLANTS

SUBPART FF: BAKERY OVENS (REPEALED)

SUBPART GG: MARINE TERMINALS

SUBPART HH: MOTOR VEHICLE REFINISHING

SUBPART PP: MISCELLANEOUS FABRICATED PRODUCT MANUFACTURING PROCESSES

SUBPART QQ: MISCELLANEOUS FORMULATION

MANUFACTURING PROCESSES

SUBPART RR: MISCELLANEOUS ORGANIC CHEMICAL MANUFACTURING PROCESSES

SUBPART TT: OTHER EMISSION UNITS

SUBPART UU: RECORDKEEPING AND REPORTING

219.212

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 R91-8 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. 7695, effective June 9, 1997; amended in R97-31 at ___ Ill. Reg. _____, effective _____.

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

SUBPART E: SOLVENT CLEANING

Section 219.182 Cold Cleaning

a) Operating Procedures: No person shall operate a cold cleaning degreaser unless:

1) Waste solvent is stored in covered containers only and not disposed of in such a manner that more than 20% of the waste solvent (by weight) is allowed to evaporate into the atmosphere;

2) The cover of the degreaser is closed when parts are not being handled; and

3) Parts are drained until dripping ceases.

b) Equipment Requirements: No person shall operate a cold cleaning degreaser unless:

1) The degreaser is equipped with a cover which is closed whenever parts are not being handled in the cleaner. The cover shall be designed to be

easily operated with one hand or with the mechanical assistance of springs, counter-weights or a powered system if:

A) The solvent vapor pressure is greater than 2 kPa (15 mmHg or 0.3 psi) measured at 38° C (100° F);

B) The solvent is agitated; or

C) The solvent is heated above ambient room temperature.

2) The degreaser is equipped with a device for draining cleaned parts. The drainage device shall be constructed so that parts are enclosed under the cover while draining unless:

A) The solvent vapor pressure is less than 4.3 kPa (32 mmHg or 0.6 psi) measured at 38° C (100° F); or

B) An internal drainage device cannot be fitted into the cleaning system, in which case the drainage device may be external.

3) The degreaser is equipped with one of the following control devices if the vapor pressure of the solvent is greater than 4.3 kPa (32 mmHg or 0.6 psi) measured at 38° C (100° F) or if the solvent is heated above 50° C (120° F) or its boiling point:

A) A freeboard height of 7/10 of the inside width of the tank or 91 cm (36 in), whichever is less; or

B) Any other equipment or system of equivalent emission control as approved by the Agency and further processed consistent with Section 219.108 of this Part. Such a system may include a water cover, refrigerated chiller or carbon adsorber.

4) A permanent conspicuous label summarizing the operating procedure is affixed to the degreaser; and

5) If a solvent spray is used, the degreaser is equipped with a solid fluid stream spray, rather than a fine, atomized or shower spray.

c) Material Requirements:

1) On and after March 15, 1999, no person shall:

A) Cause or allow the sale of solvent with a vapor pressure which

exceeds 2.0 mmHg (0.038 psi) measured at 20° C (68° F) in units greater than five (5) gallons, for use in cold cleaning degreasing operations located in the area covered by Section 21~~8~~9.103 of this Part.

B) Operate a cold cleaning degreaser with a solvent vapor pressure which exceeds 2.0 mmHg (0.038 psi) measured at 20° C (68° F).

2) On and after March 15, 2001, no person shall:

A) Cause or allow the sale of solvent with a vapor pressure which exceeds 1.0 mmHg (0.019 psi) measured at 20° C (68° F) in units greater than five (5) gallons, for use in cold cleaning degreasing operations located in the area covered by Section 21~~8~~9.103 of this Part.

B) Operate a cold cleaning degreaser with a solvent vapor pressure which exceeds 1.0 mmHg (0.019 psi) measured at 20° C (68° F).

d) Recordkeeping Requirements: On and after March 15, 1999:

1) All persons subject to the requirements of subsections(c)(1)(A) and (c)(2)(A) of this Section must maintain records which include for each sale:

A) The name and address of the solvent purchaser;

B) The date of sale;

C) The type of solvent;

D) The unit volume of solvent;

E) The total volume of solvent; and

F) The vapor pressure of the solvent measured in mmHg at 20° C (68° F).

2) All persons subject to the requirements of subsections (c)(1)(B) and (c)(2)(B) of this Section must maintain records which include for each purchase:

A) The name and address of the solvent supplier;

B) The date of purchase;

C) The type of solvent; and

D) The vapor pressure of the solvent measured in mmHg at 20° C (68° F).

e) All records required by subsection (d) of this Section shall be retained for three years and shall be made available to the Agency upon request.

f) The cleaning of electronic components as defined in 35 Ill. Adm. Code Section 211.1885 is exempt from the requirements of subsection(c) of this Section.

g) Any cold cleaning taking place in a Detrex cold batch degreaser Model #2D-CC-SPL Size 24-4-10, or substantial equivalent, including automated loading of parts, totally enclosed operation (excluding loading and unloading) and permitted by the Agency, is exempt from the requirements of subsection (c) of this Section.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

SUBPART F: COATING OPERATIONS

Section 219.204 Emission Limitations

Except as provided in Sections 219.205, 219.207, 219.208, ~~and~~ 219.212, 219.215 and 219.216 of this Subpart, no owner or operator of a coating line shall apply at any time any coating in which the VOM content exceeds the following emission limitations for the specified coating. Except as provided in Section 219.204(l), compliance ~~Compliance~~ with the emission limitations marked with an asterisk in this Section is required on and after March 15, 1996~~.~~, and compliance~~Compliance~~ with emission limitations not marked with an asterisk is required until March 15, 1996. The following emission limitations are expressed in units of VOM per volume of coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied at each coating applicator, except where noted. Compounds which are specifically exempted from the definition of VOM should be treated as water for the purpose of calculating the "less water" part of the coating composition. Compliance with this Subpart must be demonstrated through 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(c) of this Subpart except where noted. (Note: The equation presented in Section 219.206 of this Part shall be used to calculate emission limitations for determining compliance by add-on controls, credits for transfer efficiency, emissions trades and cross-line averaging.) The emission limitations are as follows:

			kg/l	lb/gal
a)	Automobile or Light-Duty Truck Coating			
	1)	Prime coat	0.14	(1.2)
			0.14*	(1.2)*
	2)	Primer surface coat	1.81	(15.1)
			1.81*	(15.1)*

(Note: The primer surface coat limitation is in units of kg (lbs) of VOM per l (gal) of coating solids deposited. Compliance with the limitation shall be based on the daily-weighted average from an entire primer surface operation. Compliance shall be demonstrated in accordance with the topcoat protocol referenced in Section 219.105(b) and the recordkeeping and reporting requirements specified in Section 219.211(f). Testing to demonstrate compliance shall be performed in accordance with the topcoat protocol and a detailed testing proposal approved by the Agency and USEPA specifying the method of demonstrating compliance with the protocol. Section 219.205 does not apply to the primer surface limitation.)

			kg/l	lb/gal
	3)	Topcoat	1.81	(15.1)
			1.81*	(15.1)*

(Note: The topcoat limitation is in units of kg (lbs) of VOM per l (gal) of coating solids deposited. Compliance with the limitation shall be based on the daily-weighted average from an entire topcoat operation. Compliance shall be demonstrated in accordance with the topcoat protocol referenced in Section 219.105(b) of this Part and the recordkeeping and reporting requirements specified in Section 219.211(f). Testing to demonstrate compliance shall be performed in accordance with the topcoat protocol and a detailed testing proposal approved by the Agency and USEPA specifying the method of demonstrating compliance with the protocol. Section 219.205 of this Part does not apply to the topcoat limitation.)

			kg/l	lb/gal
	4)	Final repair coat	0.58	(4.8)
			0.58*	(4.8)*
b)	Can Coating		kg/l	lb/gal
	1)	Sheet basecoat and		

		overvarnish		
		A) Sheet basecoat	0.34 0.26*	(2.8) (2.2)*
		B) Overvarnish	0.34 0.34	(2.8) (2.8)*
	2)	Exterior basecoat and overvarnish	0.34 0.25*	(2.8) (2.1)*
	3)	Interior body spray coat		
		A) Two piece	0.51 0.44*	(4.2) (3.7)*
		B) Three piece	0.51 0.51*	(4.2) (4.2)*
	4)	Exterior end coat	0.51 0.51*	(4.2) (4.2)*
	5)	Side seam spray coat	0.66 0.66*	(5.5) (5.5)*
	6)	End sealing compound coat	0.44 0.44*	(3.7) (3.7)*
			kg/l	lb/gal
c)	Paper Coating		0.35 0.28*	(2.9) (2.3)*

(Note: The paper coating limitation shall not apply to any owner or operator of any paper coating line on which printing is performed if the paper coating line complies with the emissions limitations in Subpart H: Printing and Publishing, Section 219.401 of this Part.)

		kg/l	lb/gal
d)	Coil Coating	0.31 0.20*	(2.6) (1.7)*
e)	Fabric Coating	0.35 0.28*	(2.9) (2.3)*

f)	Vinyl Coating	0.45 0.28*	(3.8) (2.3)*
g)	Metal Furniture Coating		
	1) Air dried	0.36 0.34*	(3.0) (2.8)*
	2) Baked	0.36 0.28*	(3.0) (2.3)*
h)	Large Appliance Coating		
	1) Air dried	0.34 0.34*	(2.8) (2.8)*
	2) Baked	0.34 0.28*	(2.8) (2.3)*

(Note: The limitation shall not apply to the use of quick-drying lacquers for repair of scratches and nicks that occur during assembly, provided that the volume of coating does not exceed 0.95 l (1 quart) in any one rolling eight-hour period.)

		kg/l	lb/gal
i)	Magnet Wire Coating	0.20 0.20*	(1.7) (1.7)*
j)	Miscellaneous Metal Parts and Products Coating		
	1) Clear coating	0.52 0.52*	(4.3) (4.3)*
	2) Extreme performance coating		
	A) Air dried	0.42 0.42*	(3.5) (3.5)*
	B) Baked	0.42 0.40*	(3.5) (3.3)*
	3) Steel pail and drum	0.52	(4.3)

	interior coating	0.52*	(4.3)*
4)	All other coatings		
	A) Air Dried	0.42 0.40*	(3.5) (3.3)*
	B) Baked	0.36 0.34*	(3.0) (2.8)*
5)	Metallic coating		
	A) Air Dried	0.42 0.42*	(3.5) (3.5)*
	B) Baked	0.36 0.36*	(3.0) (3.0)*

6) For purposes of subsection 219.204(j)(5) of this Section, "metallic coating" means a coating which contains more than 1/4 lb/gal of metal particles, as applied.

		kg/l	lb/gal
k)	Heavy Off-Highway Vehicle Products Coating		
1)	Extreme performance prime coat	0.42 0.42*	(3.5) (3.5)*
2)	Extreme performance top-coat (air dried)	0.42 0.42*	(3.5) (3.5)*
3)	Final repair coat (air dried)	0.42 0.42*	(3.5) (3.5)*

4) All other coatings are subject to the emission limitations for miscellaneous metal parts and products coatings in subsection (j) above.

		~~kg/l~~	~~lb/gal~~
l)	Wood Furniture Coating		
~~1)~~	~~Clear topcoat~~	~~0.67~~ ~~0.67*~~	~~(5.6)~~ ~~(5.6)*~~

~~2)~~	~~Opaque stain~~	~~0.56~~ ~~0.56*~~	~~(4.7)~~ ~~(4.7)*~~
~~3)~~	~~Pigmented coat~~	~~0.60~~ ~~0.60*~~	~~(5.0)~~ ~~(5.0)*~~
~~4)~~	~~Repair coat~~	~~0.67~~ ~~0.67*~~	~~(5.6)~~ ~~(5.6)*~~
~~5)~~	~~Sealer~~	~~0.67~~ ~~0.67*~~	~~(5.6)~~ ~~(5.6)*~~
~~6)~~	~~Semi-transparent stain~~	~~0.79~~ ~~0.79*~~	~~(6.6)~~ ~~(6.6)*~~
~~7)~~	~~Wash coat~~	~~0.73~~ ~~0.73*~~	~~(6.1)~~ ~~(6.1)*~~

1) Limitations before March 15, 1998:

		kg/l	lb/gal
A)	Clear topcoat	0.67	(5.6)
B)	Opaque stain	0.56	(4.7)
C)	Pigmented coat	0.60	(5.0)
D)	Repair coat	0.67	(5.6)
E)	Sealer	0.67	(5.6)
F)	Semi-transparent stain	0.79	(6.6)
G)	Wash coat	0.73	(6.1)

(Note: Prior to March 15, 1998, an~~An~~ owner or operator of a wood furniture coating operation subject to this Section shall apply all coatings, with the exception of no more than 37.8 l (10 gal) of coating per day used for touch-up and repair operations, using one or more of the following application systems: airless spray application system, air-assisted airless spray application system, electrostatic spray application system, electrostatic bell or disc spray application system, heated airless spray application system, roller coating, brush or wipe coating application system, dip coating application system or high volume low pressure (HVLP) application system.)

2) On and after March 15, 1998, wood furniture sealers and topcoats must comply with one of the limitations specified in subsections (A) through (E), below:

	kg VOM/kg solids	lb VOM/lb solids

A) Topcoat 0.8 (0.8)

B) Sealers and topcoats with the following limits:

i) Non-acid-cured alkyd amino vinyl sealer
1.9 (1.9)

ii) Non-acid-cured alkyd amino conversion varnish
1.8 (1.8)

iii) Acid-cured alkyd amino vinyl sealer
2.3 (2.3)

iv) Acid-cured alkyd amino conversion varnish
2.0 (2.0)

C) Meet the provisions of Section 219.215 of this Subpart for use of an averaging approach;

D) Achieve a reduction in emissions equivalent to the requirements of Section 219.204(l)(2)(A) or (B) of this Subpart, as calculated using Section 219.216 of this Subpart; or

E) Use a combination of the methods specified in Section 219.204(l)(2)(A) through (D) of this Subpart.

3) Other wood furniture coating limitations on and after March 15, 1998:

		kg/l	lb/gal
A)	Opaque stain	0.56	(4.7)
B)	Non-topcoat pigmented coat	0.60	(5.0)
C)	Repair coat	0.67	(5.6)
D)	Semi-transparent stain	0.79	(6.6)
E)	Wash coat	0.73	(6.1)

4) Other wood furniture coating requirements on and after March 15, 1998:

A) No source subject to the limitations of subsections (l)(2) or (3) of this Section and utilizing one or more wood furniture coating spray booths shall use strippable spray booth coatings containing more than 0.8 kg VOM/kg solids (0.8 lb VOM/lb solids), as

applied.

B) Any source subject to the limitations of subsections (l)(2) or (3) of this Section shall comply with the requirements of Section 218.217 of this Subpart.

C) Any source subject to the limitations of subsection (l)(2)(A) or (B) of this Section and utilizing one or more continuous coaters, shall for each continuous coater, use an initial coating which complies with the limitations of subsection (l)(2)(A) or (B) of this Section. The viscosity of the coating in each reservoir shall always be greater than or equal to the viscosity of the initial coating in the reservoir. The owner or operator shall:

i) Monitor the viscosity of the coating in the reservoir with a viscosity meter or by testing the viscosity of the initial coating and retesting the coating in the reservoir each time solvent is added;

ii) Collect and record the reservoir viscosity and the amount and weight of VOM per weight of solids of coating and solvent each time coating or solvent is added; and

iii) Maintain these records at the source for a period of three years.

m) Plastic Parts Coating: Automotive/Transportation

			kg/l	lb/gal
1)	Interiors			
	A)	Baked		
		i) Color coat	0.49*	(4.1)*
		ii) Primer	0.46*	(3.8)*
	B)	Air Dried		
		i) Color coat	0.38*	(3.2)*
		ii) Primer	0.42*	(3.5)*
2)	Exteriors (flexible and non-flexible)			

A)	Baked			
	i)	Primer	0.60*	(5.0)*
	ii)	Primer non-flexible	0.54*	(4.5)*
	iii)	Clear coat	0.52*	(4.3)*
	iv)	Color coat	0.55*	(4.6)*
B)	Air Dried			
	i)	Primer	0.66*	(5.5)*
	ii)	Clear coat	0.54*	(4.5)*
	iii)	Color coat (red & black)	0.67*	(5.6)*
	iv)	Color coat (others)	0.61*	(5.1)*
3) Specialty				
A)	Vacuum metallizing basecoats, texture basecoats		0.66*	(5.5)*
B)	Black coatings, reflective argent coatings, air bag cover coatings, and soft coatings		0.71*	(5.9)*
C)	Gloss reducers, vacuum metallizing topcoats, and texture topcoats		0.77*	(6.4)*
D)	Stencil coatings, adhesion primers, ink pad coatings,		0.82*	(6.8)*

		electrostatic prep coatings, and resist coatings		
	E)	Head lamp lens coatings	0.89*	(7.4)*

n) Plastic Parts Coating: Business Machine

		kg/l	lb/gal
1)	Primer	0.14*	(1.2)*
2)	Color coat (non-texture coat)	0.28*	(2.3)*
3)	Color coat (texture coat)	0.28*	(2.3)*
4)	Electromagnetic interference/radio frequency interference (EMI/RFI) shielding coatings	0.48*	(4.0)*
5)	Specialty Coatings		
	A) Soft coat	0.52*	(4.3)*
	B) Plating resist	0.71*	(5.9)*
	C) Plating sensitizer	0.85*	(7.1)*

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 219.205 Daily-Weighted Average Limitations

No owner or operator of a coating line subject to the limitations of Section 219.204 of this Subpart and complying by means of this Section shall operate the subject coating line unless the owner or operator has demonstrated compliance with subsection (a), (b), (c), (d), (e), (f), (g), or (h) of this Section (depending upon the category of coating) through 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(d) of this Subpart:

a) No owner or operator of a coating line subject to only one of the limitations from among Section 219.204(a)(1), (a)(4), (c), (d), (e), (f), or (i) of this Subpart shall apply coatings on any such coating line, during any day, whose

daily-weighted average VOM content exceeds the emission limitation to which the coatings are subject.

b) No owner or operator of a miscellaneous metal parts and products coating line subject to the limitations of Section 219.204(j) of this Subpart shall apply coatings to miscellaneous metal parts or products on the subject coating line unless the requirements in subsection (b)(1) or (b)(2) of this Section are met.

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 219.204(j) of this Subpart during the same day (e.g., all coatings used on the line are subject to 0.42 kg/l [3.5 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 219.204(j) of this Subpart, during the same day, the owner or operator shall have a site-specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) 51 Fed. Reg. 43814 (December 4, 1986), must be satisfied.

c) No owner or operator of a can coating line subject to the limitations of Section 219.204(b) of this Subpart shall operate the subject coating line using a coating with a VOM content in excess of the limitations specified in Section 219.204(b) of this Subpart unless all of the following requirements are met:

1) An alternative daily emission limitation for the can coating operation, i.e. for all of the can coating lines at the source, shall be determined according to subsection (c)(2) of this Section. Actual daily emissions shall never exceed the alternative daily emission limitation and shall be calculated by use of the following equation.

$$E_d = \sum_{i=1}^{n} V_i \, C_i$$

where:

E_d = Actual VOM emissions for the day in units of kg/day (lbs/day);

i = Subscript denoting a specific coating applied;

n = Total number of coatings applied in the can coating operation, i.e. all can coating lines at the source;

V_i = Volume of each coating applied for the day in units of l/day (gal/day) of coating (minus water and any compounds which are specifically exempted from the definition of VOM);

C_i = The VOM content of each coating as applied in units of kg VOM/l (lbs VOM/gal) of coating (minus water and any compounds which are specifically exempted from the definition of VOM)

2) The alternative daily emission limitation (A_d) shall be determined for the can coating operation, i.e. for all of the can coating lines at the source, on a daily basis as follows:

$$A_d = \sum_{i=1}^{n} V_i \; L_i \; \frac{(D_i - C_i)}{(D_i - L_i)}$$

where:

A_d = The VOM emissions allowed for the day in units of kg/day (lbs/day);

i = Subscript denoting a specific coating applied;

n = Total number of surface coatings applied in the can coating operation;

C_i = The VOM content of each surface coating as applied in units of kg VOM/l (lbs VOM/gal) of coating (minus water and any compounds which are specifically exempted from the definition of VOM);

D_i = The density of VOM in each coating applied. For the purposes of calculating A_d, the density is 0.882 kg VOM/l VOM (7.36 lbs VOM/gal VOM);

V_i = Volume of each surface coating applied for the day in units of l (gal) of coating (minus water and any compounds which are specifically exempted from the

definition of VOM);

L_i = The VOM emission limitation for each surface coating applied as specified in Section 219.204(b) of this Subpart in units of kg VOM/l (lbs VOM/gal) of coating (minus water and any compounds which are specifically exempted from the definition of VOM).

d) No owner or operator of a heavy off-highway vehicle products coating line subject to the limitations of Section 219.204(k) of this Subpart shall apply coatings to heavy off-highway vehicle products on the subject coating line unless the requirements of subsection (d)(1) or (d)(2) of this Section are met.

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 219.204(k) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.42 kg/l [3.5 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 219.204(k) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) 51 Fed. Reg. 43814 (December 4, 1986), must be satisfied.

e) No owner or operator of a wood furniture coating line subject to the limitations of Section 219.204(l)(1) or (l)(3) of this Subpart shall apply coatings to wood furniture on the subject coating line unless the requirements of subsection (e)(1) or (e)(2) of this Section, in addition to the requirements specified in the note to Section 219.204(l)(1) of this Subpart, are met.

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 219.204(l)(1) or (l)(3) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.67 kg/l [5.6 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 219.204(l)(1) or (l)(3) of this Subpart, during the same day, the owner or operator shall have a site

specific proposal approved by the Agency and approved by the USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) 51 Fed. Reg. 43814 (December 4, 1986), must be satisfied.

f) No owner or operator of a plastic parts coating line subject to the limitations of Section 219.204(m) or (n) of this Subpart shall apply coatings to business machine or automotive/transportation plastic parts on the subject coating line unless the requirements of subsection (f)(1) or (f)(2) of this Section are met.

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 219.204(m) or (n) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.42 kg/l [3.5 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 219.204(m) or (n) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) must be satisfied.

g) No owner or operator of a metal furniture coating line subject to the limitations of Section 219.204(g) of this Subpart shall apply coatings on the subject coating line unless the requirements of subsection (g)(1) or (g)(2) of this Section are met:

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 219.204(g) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.34 kg/l [2.8 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used; or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 219.204(g) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) must be satisfied.

h) No owner or operator of a large appliance coating line subject to the limitations

of Section 219.204(h) of this Subpart shall apply coatings on the subject coating line unless the requirements of subsection (h)(1) or (h)(2) of this Section are met:

1) For each coating line which applies multiple coatings, all of which are subject to the same numerical emission limitation within Section 219.204(h) of this Subpart, during the same day (e.g., all coatings used on the line are subject to 0.34 kg/l [2.8 lbs/gal]), the daily-weighted average VOM content shall not exceed the coating VOM content limit corresponding to the category of coating used, or

2) For each coating line which applies coatings subject to more than one numerical emission limitation in Section 219.204(h) of this Subpart, during the same day, the owner or operator shall have a site specific proposal approved by the Agency and USEPA as a SIP revision. To receive approval, the requirements of USEPA's Emissions Trading Policy Statement (and related policy) must be satisfied.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 219.210 Compliance Schedule

Every owner or operator of a coating line (of a type included within Section 219.204 of this Subpart) shall comply with the requirements of Section 219.204, 219.205, 219.207 or 219.208 and Section 219.211 or Sections 219.212 and 219.213 of this Subpart in accordance with the appropriate compliance schedule as specified in subsection (a), (b), (c), (d), (e) or (f) below:

a) No owner or operator of a coating line which is exempt from the limitations of Section 219.204 of this Subpart because of the criteria in Section 219.208(a) or (b) of this Subpart shall operate said coating line on or after a date consistent with Section 219.106 of this Part, unless the owner or operator has complied with, and continues to comply with, Section 219.211(b) of this Subpart. ~~Wood furniture coating lines are not subject to Section 219.211(b) of this Subpart.~~

b) No owner or operator of a coating line complying by means of Section 219.204 of this Subpart shall operate said coating line on or after a date consistent with Section 219.106 of this Part, unless the owner or operator has complied with, and continues to comply with, Sections 219.204 and 219.211(c) of this Subpart.

c) No owner or operator of a coating line complying by means of Section 219.205 of this Subpart shall operate said coating line on or after a date consistent with Section 219.106 of this Part, unless the owner or operator has complied with, and continues to comply with, Sections 219.205 and 219.211(d) of this Subpart.

d) No owner or operator of a coating line complying by means of Section 219.207 of this Subpart shall operate said coating line on or after a date consistent with Section 219.106 of this Part, unless the owner or operator has complied with, and continues to comply with, Sections 219.207 and 219.211(e) of this Subpart.

e) No owner or operator of a coating line subject to one or more of the emission limitations contained in Section 219.204 of this Subpart on or after March 15, 1996, choosing to comply by means of Section 219.204, 219.205 or 219.207 of this Subpart, shall operate said coating line on or after March 15, 1996, unless the owner or operator complies with and continues to comply with, respectively, the applicable requirements in Section 219.204, or the alternative control options in Sections 219.205 or 219.207 and the requirements of Section 219.211.

f) No owner or operator of a coating line subject to one or more of the emission limitations contained in Section 219.204 of this Subpart on or after March 15, 1996, choosing to comply by means of Section 219.212 of this Subpart, shall operate said coating line on or after March 15, 1996, unless the owner or operator complies with and continues to comply with the requirements of Sections 219.212 and 219.213 of this Subpart.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 219.211 Recordkeeping and Reporting

a) The VOM content of each coating and the efficiency of each capture system and control device shall be determined by the applicable test methods and procedures specified in Section 219.105 of this Part to establish the records required under this Section.

b) Any owner or operator of a coating line which is exempted from the limitations of Section 219.204 of this Subpart~~Part~~ because of Section 219.208(a) or (b) of this Subpart~~Part~~ shall comply with the following:

1) For sources exempt from Section 219.208(a) of this Subpart, by~~By~~ a date consistent with Section 219.106 of this Part, the owner or operator of a coating line or group of coating lines referenced in subsection (b) of this Section shall certify to the Agency that the coating line or group of coating lines is exempt under the provisions of Section 219.208(a) of this Subpart~~Part~~. Such certification shall include:

A) A declaration that the coating line is exempt from the limitations of Section 219.204 of this Subpart~~Part~~ because of Section 219.208(a) of this Subpart~~Part~~; and

B) Calculations which demonstrate that the combined VOM emissions from the coating line and all other coating lines in the same category never exceed 6.8 kg (15 lbs) per day before the application of capture systems and control devices. The following equation shall be used to calculate total VOM emissions:

$$T_e = \sum_{j=1}^{m} \sum_{i=1}^{n} (A_i \; B_i)_j$$

where:

T_e = Total VOM emissions from coating lines each day before the application of capture systems and control devices in units of kg/day (lbs/day);

m = Number of coating lines at the source that otherwise would be subject to the same subsection of Section 219.104 of this Part (because they belong to the same category, e.g., can coating);

j = Subscript denoting an individual coating line;

n = Number of different coatings as applied each day on each coating line;

i = Subscript denoting an individual coating;

A_i = Weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line in units of kg VOM/l (lbs VOM/gal);

B_i = Volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line in units of l/day (gal/day). The instrument or method by which the owner or operator accurately measured or calculated the volume of each coating as applied on each coating line each day shall be described in the certification to the Agency.

2) For sources exempt under Section 219.208(b) of this Subpart, by March 15, 1998, or upon initial start-up, the owner or operator of a coating line or a group of coating lines referenced in subsection (b) of this Section shall certify to the Agency that the source is exempt under the provisions of Section 219.208(b) of this Subpart. Such certification shall include:

A) A declaration that the source is exempt from the limitations of Section 219.204(l) of this Subpart because of Section 219.208(b) of this Subpart; and

B) Calculations which demonstrate that the source meets the criteria of exemption because of Section 219.208(b) of this Subpart.

3)~~2)~~ For sources exempt under Section 219.208(a) of this Subpart, on~~On~~ and after a date consistent with Section 219.106 of this Part, the owner or operator of a coating line or group of lines referenced in this subsection shall collect and record all of the following information each day for each coating line and maintain the information at the source for a period of three years:

A) The name and identification number of each coating as applied on each coating line~~.~~; and

B) The weight of VOM per volume and the volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.

4) For sources exempt under Section 219.208(b) of this Subpart, on and after March 15, 1998, the owner or operator of a coating line or group of coating lines referenced in this subsection shall collect and record all of the following information for each coating line and maintain the information at the source for a period of three years:

A) The name and identification number of each coating as applied on each coating line; and

B) The weight of VOM per volume and the volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied on each coating line on a monthly basis.

5)~~3~~) On and after a date consistent with Section 219.106 of this Part, the owner or operator of a coating line or group of coating lines exempted from the limitations of Section 219.204 of this Subpart~~Part~~ because of Section 219.208(a) of this Subpart~~Part~~ shall notify the Agency of any record showing that total VOM emissions from the coating line or group of coating lines exceed 6.8 kg (15 lbs) in any day before the application of capture systems and control devices by sending a copy of such record to the Agency within 30 days after the exceedance occurs.

6) On and after March 15, 1998, any owner or operator of a source exempt from the limitations of Section 219.204(l) of this Subpart because of Section 219.208(b) of this Subpart shall notify the Agency if the source's VOM emissions exceed the limitations of Section 219.208(b) of this Subpart by sending a copy of calculations showing such an exceedance within 30 days after the change occurs.

c) Any owner or operator of a coating line subject to the limitations of Section 219.204 of this Subpart~~Part~~ other than Section 219.204(a)(2) and (a)(3) of this Subpart and complying by means of Section 219.204 of this Subpart~~Part~~ shall comply with the following:

1) By a date consistent with Section 219.106 of this Part, or upon initial start-up of a new coating line, or upon changing the method of compliance from an existing subject coating line from Section 219.205; ~~or~~ Section 219.207, Section 219.215, or Section 219.216 of this Subpart to Section 219.204 of this Subpart~~Part~~; the owner or operator of a subject coating line shall certify to the Agency that the coating line will be in compliance with Section 219.204 of this Subpart~~Part~~ on and after a date consistent with Section 219.106 of this Part, or on and after the initial start-up date. Such certification shall include:

A) The name and identification number of each coating as applied on each coating line~~.~~;

B) The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line~~.~~; and

C) On and after March 15, 1998, for coating lines subject to the limitations of Section 219.204(l)(2)(A) or (B) of this Subpart, the weight of VOM per weight of solids in each coating as applied each day on each coating line.

2) On and after a date consistent with Section 219.106 of this Part, or on and after the initial start-up date, the owner or operator of a subject coating line shall collect and record all of the following information each day for each coating line and maintain the information at the source for a period of three years:

A) The name and identification number of each coating as applied on each coating line~~.~~;

B) The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line~~.~~; and

C) On and after March 15, 1998, for coating lines subject to the limitations of Section 219.204(l)(2)(A) or (B) of this Subpart, the weight of VOM per weight of solids in each coating as applied each day on each coating line and certified product data sheets for each coating.

D) On and after March 15, 1998, for wood furniture coating spray booths subject to the limitation of Section 219.204(l)(4)(A) of this Subpart, the weight of VOM per weight of solids in each strippable spray booth coating as applied each day on each spray booth and certified product data sheets for each coating.

3) On and after a date consistent with Section 219.106 of this Part, the owner or operator of a subject coating line shall notify the Agency in the following instances:

A) Any record showing violation of Section 219.204 of this Subpart~~Part~~ shall be reported by sending a copy of such record to the Agency within 30 days following the occurrence of the violation.

B) At least 30 calendar days before changing the method of compliance from Section 219.204 to Section 219.205 or Section 219.207 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (d)(1) or (e)(1) below, respectively. Upon changing the method of compliance from Section 219.204 to Section 219.205 or Section 219.207 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (d) or (e) of this Section, respectively.

d) Any owner or operator of a coating line subject to the limitations of Section 219.204 of this Subpart~~Part~~ and complying by means of Section 219.205 of this Subpart~~Part~~ shall comply with the following:

1) By a date consistent with Section 219.106 of this Part, or upon initial start-up of a new coating line, or upon changing the method of compliance for an existing subject coating line from Section 219.204 or Section 219.207 to Section 219.205 of this Subpart~~Part~~; the owner or operator of the subject coating line shall certify to the Agency that the coating line will be in compliance with Section 219.205 on and after a date consistent with Section 219.106 of this Part, or on and after the initial start-up date. Such certification shall include:

A) The name and identification number of each coating line which will comply by means of Section 219.205 of this Subpart~~Part~~.

B) The name and identification number of each coating as applied on each coating line.

C) The weight of VOM per volume and the volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.

D) On and after March 15, 1998, for coating lines subject to the limitations of Section 219.204(l)(2)(A) or (B) of this Subpart, the weight of VOM per weight of solids in each coating as applied each day on each coating line.

E~~D~~) The instrument or method by which the owner or operator will accurately measure or calculate the volume of each coating as applied each day on each coating line.

F~~E~~) The method by which the owner or operator will create and maintain records each day as required in subsection (d)(2) of this Section.

G~~F~~) An example of the format in which the records required in subsection (d)(2) of this Section will be kept.

2) On and after a date consistent with Section 219.106 of this Part, or on and after the initial start-up date, the owner or operator of a subject coating line shall collect and record all of the following information each day for each coating line and maintain the information at the source for a

period of three years:

A) The name and identification number of each coating as applied on each coating line.

B) The weight of VOM per volume and the volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.

C) On and after March 15, 1998, for coating lines subject to the limitations of Section 219.204(l)(2)(A) or (B) of this Subpart, the weight of VOM per weight of solids in each coating as applied each day on each coating line.

D~~C~~) The daily-weighted average VOM content of all coatings as applied on each coating line as defined in Section 219.104 of this Part.

3) On and after a date consistent with Section 219.106 of this Part, the owner or operator of a subject coating line shall notify the Agency in the following instances:

A) Any record showing violation of Section 219.205 of this Subpart~~Part~~ shall be reported by sending a copy of such record to the Agency within 30 days following the occurrence of the violation.

B) At least 30 calendar days before changing the method of compliance with this subpart from Section 219.205 to Section 219.204 or Section 219.207 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (c)(1) or (e)(1) of this Section, respectively. Upon changing the method of compliance with this subpart from Section 219.205 to Section 219.204 or Section 219.207 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (c) or (e) of this Section, respectively.

e) Any owner or operator of a coating line subject to the limitations of Section 219.207 and complying by means of Section 219.207(c), (d), (e),(f), (g) or (h) of this Subpart~~Part~~ shall comply with the following:

1) By a date consistent with Section 219.106 of this Part, or upon initial start-up of a new coating line, or upon changing the method of

compliance for an existing coating line from Section 219.204 or Section 219.205 to Section 219.207 of this Subpart~~Part~~, the owner or operator of the subject coating line shall perform all tests and submit to the Agency the results of all tests and calculations necessary to demonstrate that the subject coating line will be in compliance with Section 219.207 of this Subpart~~Part~~ on and after a date consistent with Section 219.106 of this Part, or on and after the initial start-up date.

2) On and after a date consistent with Section 219.106 of this Part, or on and after the initial start-up date, the owner or operator of a coating line subject shall collect and record all of the following information each day for each coating line and maintain the information at the source for a period of three years:

   A) The weight of VOM per volume of coating solids as applied each day on each coating line, if complying pursuant to Section 219.207(b)(2) of this Subpart~~Part~~.

   B) Control device monitoring data.

   C) A log of operating time for the capture system, control device, monitoring equipment and the associated coating line.

   D) A maintenance log for the capture system, control device and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages.

3) On and after a date consistent with Section 219.106 of this Subpart~~Part~~, the owner or operator of a subject coating line shall notify the Agency in the following instances:

   A) Any record showing violation of Section 219.207 of this Part shall be reported by sending a copy of such record to the Agency within 30 days following the occurrence of the violation.

   B) At least 30 calendar days before changing the method of compliance with this Subpart from Section 219.207 to Section 219.204 or Section 219.205 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of subsection (c)(1) or (d)(1) of this Section, respectively. Upon changing the method of compliance with this subpart from Section 219.207 to Section 219.204 or Section 219.205 of this Subpart~~Part~~, the owner or operator shall comply with all requirements of

subsection (c) or (d) of this Section, respectively.

f) Any owner or operator of a primer surfacer operation or topcoat operation subject to the limitations of Section 219.204(a)(2) or (a)(3)of this Subpart~~Part~~ shall comply with the following:

1) By a date consistent with Section 219.106 of this Subpart~~Part~~, or upon initial start-up of a new coating operation, the owner or operator of a subject coating operation shall certify to the Agency that the operation will be in compliance with Section 219.204 of this Part on and after a date consistent with Section 219.106 of this Part, or on and after the initial start-up date. Such certification shall include:

A) The name and identification number of each coating operation which will comply by means of Section 219.204(a)(2) and (a)(3) of this Subpart~~Part~~ and the name and identification number of each coating line in each coating operation.

B) The name and identification number of each coating as applied on each coating line in the coating operation.

C) The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.

D) The transfer efficiency and control efficiency measured for each coating line.

E) Test reports, including raw data and calculations documenting the testing performed to measure transfer efficiency and control efficiency.

F) The instrument or method by which the owner or operator will accurately measure or calculate the volume of each coating as applied each day on each coating line.

G) The method by which the owner or operator will create and maintain records each day as required in subsection (f)(2) below.

H) An example format for presenting the records required in subsection (f)(2) below.

2) On and after a date consistent with Section 219.106 of this Part, or on and after the initial start-up date, the owner or operator of a subject

coating operation shall collect and record all of the following information each day for each topcoat or primer surfacer coating operation and maintain the information at the source for a period of three years:

A) All information necessary to calculate the daily-weighted average VOM emissions from the coating operations in kg (lbs) per 1 (gal) of coating solids deposited in accordance with the proposal submitted, and approved pursuant to Section 219.204(a)(2) or (a)(3) of this Subpart~~Part~~ including:

i) The name and identification number of each coating as applied on each coating operation.

ii) The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating operation.

B) If a control device(s) is used to control VOM emissions, control device monitoring data; a log of operating time for the capture system, control device, monitoring equipment and the associated coating operation; and a maintenance log for the capture system, control device and monitoring equipment, detailing all routine and non-routine maintenance performed including dates and duration of any outages.

3) On and after a date consistent with Section 219.106 of this Part or on and after the initial start-up date, the owner or operator of a subject coating operation shall determine and record the daily VOM emissions in kg (lbs) per 1 (gal) of coating solids deposited in accordance with the proposal submitted and approved pursuant to Section 219.204(a)(2) or (a)(3) of this Subpart~~Part~~ within 10 days from the end of the month and maintain this information at the source for a period of three years.

4) On and after a date consistent with Section 219.106 of this Part, the owner or operator of a subject coating operation shall notify the Agency in the following instances:

A) Any record showing a violation of Section 219.204(a)(2) or (a)(3) of this Subpart~~Part~~ shall be reported by sending a copy of such record to the Agency within 15 days from the end of the month in which the violation occurred.

B) The owner or operator shall notify the Agency of any change to the operation at least 30 days before the change is effected. The Agency shall determine whether or not compliance testing is required. If the Agency determines that compliance testing is required, then the owner or operator shall submit a testing proposal to the Agency within 30 days and test within 30 days of the approval of the proposal by the Agency and USEPA.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 219.215 Wood Furniture Coating Averaging Approach

a) On and after March 15, 1998, any owner or operator of a source subject to the limitations of Section 219.204(l) of this Subpart may elect to comply with the requirements of this Section rather than complying with the applicable emission limitations set forth in Section 219.204(l)(2)(A) or (B) of this Subpart. The source must continue to comply with the limitations set forth in Sections 219.204(l)(3) and (4) of this Subpart. A source electing to rely on this Section to demonstrate compliance with the requirements of this Subpart shall operate pursuant to federally enforceable permit conditions approved by the Agency and USEPA.

b) An owner or operator of a source subject to the limitations of Section 219.204(l) of this Subpart and electing to rely on this Section to demonstrate compliance with this Subpart must establish, by use of subsection (b)(1) or (b)(2) of this Section, that, on a daily basis, actual emissions from the affected source are less than or equal to ninety percent of the allowable emissions, that is $V_a \leq V_p$:

1) Option I:

A) $$V_a = \sum_{i=1}^{n} (ER_{TCi} \times TC_i);$$ and

B) $$V_p = 0.9 \times \sum_{i=1}^{n} (0.8 \times TC_i)$$

2) Option II:

A) $$V_a = \sum_{i=1}^{n} [(ER_{TCi} \times TC_i) + (ER_{SEi} \times SE_i) + (ER_{WCi} \times WC_i) + (ER_{PCi} \times PC_i) + (ER_{STi} \times ST_i)];$$ and

B) $$V_p = 0.9x \sum_{i=1} [(1.8 \times TC_i) + (1.9 \times SE_i) + (9.0 \times WC_i) + (1.2 \times PC_i) + (0.791 \times ST_i)]$$

where:

V_a = Actual VOM emissions from the source;
V_p = 90% of the allowable VOM emissions from the source;
n = Number of different wood furniture coatings as applied each day on each coating line;
I = Subscript denoting an individual coating;
TC_i = kilograms of solids in topcoat "i" used;
SE_i = kilograms of solids in sealer "i" used;
WC_i = kilograms of solids in wash coat "i" used;
PC_i = kilograms of solids in non-topcoat pigmented coat "i" used;
ST_i = liters of stain "i" used;
ER_{TCi} = VOM content of topcoat "i" in kg VOM/kg solids, as applied;
ER_{SEi} = VOM content of sealer "i" in kg VOM/kg solids, as applied;
ER_{WCi} = VOM content of washcoat "i" in kg VOM/kg solids, as applied;
ER_{PCi} = VOM content of non-topcoat pigmented coat "i" in kg VOM/kg solids, as applied;
ER_{STi} = VOM content of stain "i" in kg VOM/liter (kg/l), as applied;

c) Within the structure of the source's federally enforceable permit conditions, an owner or operator of a source electing to rely on this Section to demonstrate compliance with this Subpart shall provide to the Agency:

1) The name and identification number of each participating coating line;

2) The name and identification number of each coating as applied on each participating coating line;

3) A summary of how averaging will be used to meet the emission limitations;

4) Documentation that $V_a \leq V_p$, as calculated in subsection (b)(1) or (2) of this Section;

5) A description of which types of coating materials will be included in the source's averaging program, which may include stains, basecoats, washcoats, sealers, and topcoats. Coating materials that are applied using continuous coaters may be used in an averaging program only if the source can determine the amount of coating used each day;

6) A description of methods and procedures for quantifying emissions on a daily basis, including methods to determine the VOM content of each coating and the daily usage of each coating; and

7) A summary of the monitoring, recordkeeping, and reporting procedures that will be used to demonstrate daily compliance with the inequalities in subsection (b)(1) and (2) of this Section. These procedures shall be structured such that the Agency and the owner or operator of the source can determine the source's compliance status for any given day.

d) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the requirements of this Subpart shall, for each coating line relying on this Section, collect and record the following information on a daily basis and maintain the information at the source for a period of three years:

1) The name and identification number of each coating as applied on the coating line;

2) The weight of VOM per weight of solids (kg VOM/kg solids) and the weight of solids (kg) of each coating as applied on each coating line on a daily basis;

3) Certified product data sheets for each finishing material; and

4) The calculations showing the source has met the conditions of the inequalities in subsection (b)(1) or (2) of this Section.

e) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the requirements of this Subpart shall:

1) Notify the Agency within 30 calendar days following an occurrence of a violation of this Section; and

2) Send to the Agency any record showing a violation of this Section within 30 calendar days following the occurrence of a violation.

f) At least 30 calendar days before changing the method of compliance with this Subpart from reliance on this Section to reliance on Section 219.204(l)(2)(A) or (B) of this Subpart, the owner or operator of a source relying on this Section to demonstrate compliance with this Subpart for one or more wood furniture coating lines shall:

1) Comply with all requirements of Section 219.211(c)(1) of this Subpart; and

2) Certify that all remaining coating lines relying on this Section to comply with the requirements of this Subpart, if any, comply and continue to comply with the requirements of this Section.

(Source: Added at ___ Ill. Reg._____, effective _____)

Section 219.216 Wood Furniture Coating Add-On Control Use

The owner or operator of a source subject to the requirements of Section 219.204(l)(2) of this Subpart may choose to comply with those limitations by relying on Section 219.204(l)(2)(D) of this Subpart if the owner or operator of the source meets all of the following requirements:

a) For each coating applied, determine the overall control efficiency needed to demonstrate compliance using the following equation:

R = [(C - L)/C] x 100

where:

R = the necessary overall capture and control efficiency of the control system, as a percentage;

C = the VOM content of the coating, in kilograms of VOM per kilograms of coating solids (kg VOM/kg solids), as applied;

L = the emission limitation for that coating, as given in Section 219.204(l)(2)(B) of this Subpart.

b) Calculate the equivalent overall capture and control efficiency of the control device using the procedures of Section 219.105(c),(d), and (e) of this Part.

c) Demonstrate that the equivalent overall capture and control efficiency calculated using the procedures in Section 219.105(c), (d), and (e) of this Part is equal to or greater than the largest value of R calculated for each coating by the equation in subsection (a) of this Section.

d) Install, calibrate, operate, and maintain the applicable monitoring equipment for the control device as specified in Section 219.105(d) of this Part.

e) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the

requirements of this Subpart shall, for each coating line relying on this Section, collect and record the following information on a daily basis and maintain the information at the source for a period of three years:

1) The name and identification number of each coating as applied on the coating line;

2) The weight of VOM per weight of solids (kg VOM/kg solids) of each coating as applied on each coating line on a daily basis;

3) Certified product data sheets for each coating;

4) Control device monitoring data;

5) A log of operating time for the capture system, control device, monitoring equipment and the associated coating line; and

6) A maintenance log for the capture system, control device and monitoring equipment detailing all routine and non-routine maintenance performed including dates and duration of any outages.

f) On and after March 15, 1998, or on and after the initial start-up date, the owner or operator of a source electing to rely on this Section to comply with the requirements of this Subpart shall:

1) Notify the Agency within 30 calendar days following an occurrence of a violation of this Section; and

2) Send to the Agency any record showing a violation of this Section within 30 calendar days following the occurrence of a violation.

g) At least 30 calendar days before changing the method of compliance with this Subpart from reliance on this Section to reliance on Section 219.204(l)(2)(A) or (B) of this Subpart, the owner or operator of a source relying on this Section to demonstrate compliance with this Subpart for one or more wood furniture coating lines shall:

1) Comply with all requirements of Section 219.211(c)(1) of this Subpart; and

2) Certify that all remaining coating lines relying on this Section to comply with the requirements of this Subpart, if any, comply and continue to comply with the requirements of this Section.

(Source: Added at ___ Ill. Reg._____, effective _____)

Section 219.217 Wood Furniture Coating Work Practice Standards

a) Spray booth cleaning. Each owner or operator of a source subject to the limitations of Section 219.204(l) of this Subpart shall not use compounds containing more than 8.0 percent, by weight, of VOM for cleaning spray booth components other than conveyors, continuous coaters and their enclosures, and metal filters, unless the spray booth is being refurbished. If the spray booth is being refurbished, that is, the spray booth coating or other material used to cover the booth is being replaced, the affected source shall use no more than 1.0 gallon of organic solvent to prepare the booth prior to applying the booth coating.

b) Cleaning and storage requirements. Each owner or operator of a source subject to the limitations of Section 219.204(l) of this Subpart shall:

1) Keep, store, and dispose of all coating, cleaning, and washoff materials in closed containers;

2) Pump or drain all organic solvent used for line cleaning into closed containers;

3) Collect all organic solvent used to clean spray guns in closed containers; and

4) Control emissions from washoff operations by using closed tanks.

c) Application equipment requirements. No owner or operator of a source subject to the limitations of Section 219.204(l) of this Subpart shall use conventional air spray guns to apply coating materials to wood furniture except under the circumstances specified in subsections (c)(1) through(4) of this Section:

1) To apply coating materials that have a VOM content no greater than 1.0 kg VOM/kg solids (1.0 lb VOM/lb solids), as applied;

2) For repair coating under the following circumstances:

A) The coating materials are applied after the completion of the coating operation; or

B) The coating materials are applied after the stain and before any other type of coating material is applied, and the coating materials are applied from a container that has a volume of no

more than 2.0 gallons;

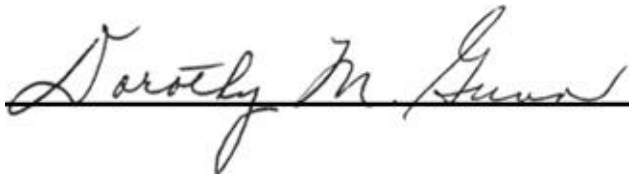
3) If the spray gun is aimed and triggered automatically, rather than manually; or

4) If emissions from the finishing application station are directed to a control device pursuant to Section 219.216 of this Subpart.

(Source: Added at ___ 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 18th day of September 1997, by a vote of 7-0.



Dorothy M. Gunn, Clerk
Illinois Pollution Control Board