#### NOTICE OF PROPOSED AMENDMENTS

1) <u>Heading of the Part</u>: Organic Material Emission Standards and Limitations for the Chicago Area

2) <u>Code Citation</u> :	35 Ill. Adm	. Code 218	
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RECEIVED CLERK'S OFFICE

3)	Section Numbers:	Proposed Action:	MAY 1 0 2012
	218.112	Amend	······································
	218.128	Amend	STATE OF ILLINOIS
	218.585	Repeal	Pollution Control Board
	218.784	Amend	
	218.792	Repeal	

- 4) <u>Statutory Authority</u>: Implementing Section 10 and authorized by Sections 27 and 28 of the Environmental Protection Act [415 ILCS 5/10, 27 and 28]
- A Complete Description of the Subjects and Issues Involved: A lengthy discussion of the whole of this rulemaking docket is discussed in the Board's April 19, 2012 opinion and order: In the Matter of: Gasoline Volatility Standards and Motor Vehicle Refinishing; Proposed Amendments to 35 Ill. Adm. Code Parts 211, 215, 218, and 219, R 12-24 (Apr. 19, 2012). In Part 218, this proposal repeals the Pollution Control Board's Gasoline Volatility Standards for the Chicago area at 35 Ill. Adm. Code 218.585 due to the applicability of the federal reformulated gasoline program. This proposal also updates incorporations by reference to be consistent with this proposed repeal and updates an outdated ASTM standard.

In addition, this proposal contains regulatory relief for the motor vehicle refinishing industry. It amends 35 Ill. Adm. Code 218.784 to allow for the use of an equivalent high volume, low pressure (HVLP) spray gun in motor vehicle refinishing operations and repeals the registration requirement at 35 Ill. Adm. Code 218.792 due to eliminate overlapping federal registration requirements.

6) <u>Published studies or reports, and sources of underlying data, used to compose this rulemaking:</u> Copies of the documents the Illinois EPA relied upon are available for review with the Pollution Control Board and are listed below:

TRW Petroleum Technologies & Cheryl L. Dickson, *Motor Gasolines, Summer* 1999, Table 12, (Feb. 2000).

TRW Petroleum Technologies & Cheryl L. Dickson, *Motor Gasolines, Summer* 2000, Table 12, (April 2001).

#### NOTICE OF PROPOSED AMENDMENTS

- TRW Petroleum Technologies & Cheryl L. Dickson, *Motor Gasolines, Summer* 2001 Table 12, (March 2002).
- Northrop Grumman Mission Systems & Cheryl L. Dickson, *Motor Gasolines*, *Summer 2002*, Table 12 (March 2003).
- Northrop Grumman Mission Systems & Cheryl L. Dickson, *Motor Gasolines*, *Summer 2003*, Table 12 (March 2004).
- Northrop Grumman Mission Systems & Cheryl L. Dickson, *Motor Gasolines, Summer 2004*, Table 12 (March 2005).
- Northrop Grumman Mission Systems & Cheryl L. Dickson, *Motor Gasolines, Summer 2005*, Table 12 (Feb. 2006).
- Northrop Grumman Mission Systems & Cheryl L. Dickson, *Motor Gasolines*, *Summer 2006*, Table 11 (Feb. 2007).
- Northrop Grumman Mission Systems & Cheryl L. Dickson, *Motor Gasolines, Summer 2007*, Table 11 (Feb. 2008).
- Northrop Grumman Mission Systems & Cheryl L. Dickson, *Motor Gasolines, Summer 2008*, Table 9 (April 2009).
- Northrop Grumman Mission Systems & Cheryl L. Dickson, *Motor Gasolines, Summer 2009*, Table 9 (Aug. 2010).

Clean Air Act (42 USC 7401 et. seq.)

40 CFR 80, Subpart D (2010)

73 Fed. Reg. 1738 (Jan. 9, 2008)

Incorporations by Reference:

ASTM D-323-08

7) Will this rulemaking replace any emergency rulemaking currently in effect? No

#### NOTICE OF PROPOSED AMENDMENTS

- 8) <u>Does this rulemaking contain an automatic repeal date?</u> No
- 9) <u>Does this rulemaking contain incorporations by reference?</u> Yes
- 10) Are there any other proposed rulemakings pending in this Part? No
- 11) <u>Statement of Statewide Policy Objective</u>: This proposed rulemaking does not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805/3(b)].
- 12) <u>Time, Place, and Manner in which interested persons may comment on this proposed rulemaking</u>: The Pollution Control Board will accept written public comments on this proposal for a period of 45 days after the date of publication in the *Illinois Register*. Comments should reference Docket R12-24 and be addressed to:

Clerk's Office Illinois Pollution Control Board 100 W. Randolph St., Suite 11-500 Chicago, IL 60601

312/814-3620

The Board will also schedule two public hearings in this docket.

- 13) <u>Initial Regulatory Flexibility Analysis</u>:
  - A) Types of small businesses, small municipalities and not for profit corporations affected: Any small business, small municipality, or not for profit corporation engaged in the manufacture, sale, distribution, dispensing, supply, storage, or transport of gasoline will no longer be subject to 35 Ill. Adm. Code 218.585 and will continue to be subject to the federal reformulated gasoline program requirements. At its own option, any small business, small municipality, or not for profit corporation that meets the applicability criteria for motor vehicle refinishing operations will be allowed to use an equivalent HVLP spray gun as an alternate compliance option in motor vehicle refinishing operations. The amendment to 35 Ill. Adm. Code 218.792 will repeal the requirement to register with the Illinois EPA.
  - B) Reporting, bookkeeping or other procedures required for compliance: None for affected sources currently subject to the requirements in 35 Ill. Adm. Code

#### NOTICE OF PROPOSED AMENDMENTS

218.585. The federal reformulated gasoline program requires compliance with various recordkeeping, reporting, and registration requirements. Any source seeking to avail itself of the regulatory relief proposed in the amendment to 35 Ill. Adm. Code 218.784 will be required to maintain USEPA's written approval of the equivalent HVLP spray gun at the motor vehicle refinishing operation. The amendment to 35 Ill. Adm. Code 218.792 will repeal the requirement to register with the Illinois EPA.

- C) Types of Professional skills necessary for compliance: None
- 14) Regulatory Agenda on which this rulemaking was summarized: January 2012

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

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE B: AIR POLLUTION

CHAPTER I: POLLUTION CONTROL BOARD SUBCHAPTER C: EMISSIONS STANDARDS AND LIMITATIONS FOR STATIONARY SOURCES

CLERK'S OFFICE

MAY 1 0 2012

PART 218

ORGANIC MATERIAL EMISSION STANDARDS AND LIMITATIONS FOR THE CHICAGO AREA

STATE OF ILLINOIS Pollution Control Board

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

SOURCE: Adopted at R91-7 at 15 Ill. Reg. 12231, effective August 16, 1991; amended in R91-24 at 16 Ill. Reg. 13564, effective August 24, 1992; amended in R91-28 and R91-30 at 16 Ill. Reg. 13864, effective August 24, 1992; amended in R93-9 at 17 Ill. Reg. 16636, effective September 27, 1993; amended in R93-14 at 18 Ill. Reg. 1945, effective January 24, 1994; amended in R94-12 at 18 Ill. Reg. 14973, effective September 21, 1994; amended in R94-15 at 18 Ill. Reg. 16392, effective October 25, 1994; amended in R94-16 at 18 Ill. Reg. 16950, effective November 15, 1994; amended in R94-21, R94-31 and R94-32 at 19 Ill. Reg. 6848, effective May 9, 1995; amended in R94-33 at 19 Ill. Req. 7359, effective May 22, 1995; amended in R96-13 at 20 Ill. Reg. 14428, effective October 17, 1996; amended in R97-24 at 21 Ill. Reg. 7708, effective June 9, 1997; amended in R97-31 at 22 Ill. Reg. 3556, effective February 2, 1998; amended in R98-16 at 22 Ill. Reg. 14282, effective July 16, 1998; amended in R02-20 at 27 Ill. Reg. 7283, effective April 8, 2003; amended in R04-12/20 at 30 Ill. Reg. 9684, effective May 15, 2006; amended in R06-21 at 31 Ill. Reg. 7086, effective April 30, 2007; amended in R08-8 at 32 Ill. Reg. 14874, effective August 26, 2008; amended in R10-10 at 34 Ill. Reg. 5330, effective March 23, 2010; amended in R10-8 at 34 Ill. Reg. 9096, effective June 25, 2010; amended in R10-20 at 34 Ill. Reg. 14174, effective September 14, 2010; amended in R10-8(A) at 35 Ill. Reg. 469, effective December 21, 2010; amended in R11-23 at 35 Ill. Reg. 13473, effective July 27, 2011; amended in R11-23(A) at 35 Ill. Reg. 18813, effective October 25, 2011; amended in R12-24 at 36 Ill. Reg. \_\_\_\_, effective

#### SUBPART A: GENERAL PROVISIONS

Section 218.112 Incorporations by Reference

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

- a) American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken PA 19428-9555:
- 1) ASTM D 2879-86
- 2) ASTM D 323-08ASTM D 323-82
- 3) ASTM D 86-82
- 4) ASTM D 369-69 (1971)
- 5) ASTM D 396-69
- 6) ASTM D 2880-71
- 7) ASTM D 975-68
- 8) ASTM D 3925-81 (1985)
- 9) ASTM E 300-86
- 10) ASTM D 1475-85

- 11) ASTM D 2369-87
- 12) ASTM D 3792-86
- 13) ASTM D 4017-81 (1987)
- 14) ASTM D 4457-85
- 15) ASTM D 2697-86
- 16) ASTM D 3980-87
- 17) ASTM E 180-85
- 18) ASTM D 2372-85
- 19) ASTM D 97-66
- 20) ASTM E 168-67 (1977)
- 21) ASTM E 169-87
- 22) ASTM E 260-91
- 23) ASTM D 2504-83
- 24) ASTM D 2382-83
- 25) ASTM D 323-82 (approved 1982)

#### 25<del>)26</del>) ASTM D 2099-00

- b) Standard Industrial Classification Manual, published by Executive Office of the President, Office of Management and Budget, Washington, D.C., 1987.
- c) American Petroleum Institute Bulletin 2517, "Evaporation Loss From Floating Roof Tanks", Second ed., February 1980.
- d) 40 CFR 60 (July 1, 1991) and 40 CFR 60, Appendix A, Method 24 (57 FR 30654, July 10, 1992).
  - e) 40 CFR 61 (July 1, 1991).
- f) 40 CFR 50 (July 1, 1991).
- g)  $\,$  40 CFR 51 (July 1, 1991) and 40 CFR 51, appendix M, Methods 204-204F (July 1, 1999).
- h) 40 CFR 52 (July 1, 1991).
- i) 40 CFR 80 (July 1, 1991) and 40 CFR 80, appendixes D, E, and F (July 1, 1993).

- i); "A Guide for Surface Coating Calculation", July 1986, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-86-016.
- j)k) "Procedures for Certifying Quantity of Volatile Organic Compounds Emitted by Paint, Ink and Other Coating" (revised June 1986), United States Environmental Protection Agency, Washington, D.C., EPA-450/3-84-019.
- k) 1) "A Guide for Graphic Arts Calculations", August 1988, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-88-003.
- 1)m) "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations", December 1988, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-88-018.
- m) m) "Control of Volatile Organic Emissions from Manufacturing of Synthesized Pharmaceutical Products", December 1978, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-78-029.
- n) -> "Control of Volatile Organic Compound Leaks from Gasoline Tank Trucks and Vapor Collection Systems", December 1978, Appendix B, United States Environmental Protection Agency, Washington, D.C., EPA-450/-78-051.
- o) ) "Control of Volatile Organic Compound Emissions from Large Petroleum Dry Cleaners", September 1982, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-82-009.
- p) TAPTI Course SI417 Controlling Volatile Organic Compound Emissions from Leaking Process Equipment", 1982, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-82-015.
- q) + "Portable Instrument User's Manual for Monitoring VOC Sources", June 1986, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-86-015.
- r) "Protocols for Generating Unit-Specific Emission Estimates for Equipment Leaks of VOC and VHAP", October 1988, Unites States Environmental Protection Agency, Washington, D.C., EPA-450/3-88-010.
- s) t) "Petroleum Refinery Enforcement Manual", March 1980, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-80-008.
- t) u) "Inspection Manual for Control of Volatile Organic Emissions from Gasoline Marketing Operations: Appendix D", 1980, United States Environmental Protection Agency, Washington, D.C., EPA-340/1-80-012.
- u)  $\Rightarrow$  "Control of Hydrocarbons from Tank Truck Gasoline Loading Terminals: Appendix A", December 1977, United States Environmental Protection Agency, Washington, D.C., EPA-450/2-77-026.
- v) w) "Technical Guidance Stage II Vapor Recovery Systems for Control of Vehicle Refueling Emissions at Gasoline Dispensing Facilities", November 1991, United States Environmental Protection Agency, Washington, D.C., EPA-450/3-91-022b.

- w)x) California Air Resources Board, Compliance Division. Compliance
  Assistance Program: Gasoline Marketing and Distribution: Gasoline Facilities
  Phase I & II (October 1988, rev. November 1993) (CARB Manual).
- x) >>> South Coast Air Quality Management District (SCAQMD), Applied Science & Technology Division, Laboratory Services Branch, SCAQMD Method 309-91, Determination of Static Volatile Emissions (February 1993).
- y) >> South Coast Air Quality Management District (SCAQMD), Applied Science & Technology Division, Laboratory Services Branch, SCAQMD Method 312-91, Determination of Percent Monomer in Polyester Resins (April 1996).
- z) aa) "Guidelines for Determining Capture Efficiency", January 1995, Office of Air Quality Planning and Standards, United States Environmental Protection Agency, Research Triangle Park NC.
- aa) bb) Memorandum "Revised Capture Efficiency Guidance for Control of Volatile Organic Compound Emissions", February 1995, John S. Seitz, Director, Office of Air Quality Planning and Standards, United States Environmental Protection Agency.
- bb) cc) "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Primer-Surfacer and Topcoat Operations", September 2008, United States Environmental Protection Agency, Washington, D.C., EPA-453/R-08-002.
  - cc) dd) 40 CFR 63, Subpart PPPP, appendix A (2008).
  - dd) ee) 46 CFR Subchapter Q (2007).

ee) ff) 46 CFR Subchapter T (2008).

(Source: Amended at 36 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_\_)

SUBPART B: ORGANIC EMISSIONS FROM STORAGE AND LOADING OPERATIONS

Section 218.128 Monitoring VOL Operations

- a) Except as provided in subsection (d)—below, the owner or operator of each storage vessel with a design capacity greater than or equal to 40,000 gallons storing a liquid with a maximum true vapor pressure that is normally less than 0.75 psia shall notify the Agency within 30 days when the maximum true vapor pressure of the liquid exceeds 0.75 psia.
- b) Available data on the storage temperature may be used to determine the maximum true vapor pressure.
- 1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.
- 2) For other liquids, the vapor pressure:

- A) Determined by ASTM Method D2879-83, incorporated by reference at Section  $218.112(a)\frac{218.112(a)}{(1)}$  of this Part;
- B) Measured by an appropriate method approved by the Agency and USEPA; or
- C) Calculated by an appropriate method approved by the Agency and USEPA.
- c) The owner or operator of each vessel storing a mixture of indeterminate or variable composition shall be subject to the following:
- 1) Prior to the initial filling of the vessel, the maximum true vapor pressure for the range of anticipated liquid compositions to be stored will be determined using the methods described in subsection (b) above.
- 2) For vessels in which the vapor pressure of the anticipated liquid composition is 0.5 psia or greater but less than 0.75 psia, an initial physical test of the vapor pressure is required; a physical test at least once every 6 months thereafter is required as determined by the following methods:
- A) ASTM Method D2879-83, incorporated by reference at Section 218.112(a) $\frac{218.112(a)(1)}{(a)}$  of this Part;
- B) ASTM Method D323- $\frac{08D323-82}{08}$ , incorporated by reference at Section 218.112(a) $\frac{218.112(a)(25)}{0}$  of this Part; or
- C) As measured by an appropriate method approved by the Agency.
- Pd) The owner or operator of each vessel equipped with a closed vent system and control device meeting the specifications of Section 218.120 of this Subpart is exempt from the requirements of subsections (a) and (b) above.

(Source: Amended at 36 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

#### SUBPART Y: GASOLINE DISTRIBUTION

Section 218.585 Gasoline Volatility Standards (Repealed)

- a) No person shall sell, offer for sale, dispense, supply, offer for supply, or transport for use in Illinois gasoline whose Reid vapor pressure exceeds the applicable limitations set forth in subsections (b) and (c) of this Section during the regulatory control periods, which shall be May 1 to September 15 for retail outlets, wholesale purchaser consumer, operations, and all other operations.
- b) The Reid vapor pressure of gasoline, a measure of its volatility, shall not exceed 9.0 psi (62.07 kPa) during the regulatory control period in 1990 and each year thereafter.
- e) The Reid vapor pressure of ethanol blend gasolines shall not exceed the limitations for gasoline set forth in subsection (b) of this Section by more than 1.0 psi (6.9 kPa). Notwithstanding this limitation, blenders of ethanol blend gasolines whose Reid vapor pressure is less than 1.0 psi above the base stock gasoline immediately after blending with ethanol are prohibited from adding butane or any product that will increase the Reid vapor pressure of the blended gasoline.

- d) All sampling of gasoline required pursuant to the provisions of this Section shall be conducted by one or more of the following approved methods or procedures which are incorporated by reference in Section 215.105.
- 1) For manual sampling, ASTM D4057;
- 2) For automatic sampling, ASTM D4177;
- 3) Sampling procedures for Fuel Volatility, 40 CFR 80 Appendix D.
- e) The Reid vapor pressure of gasoline shall be measured in accordance with either test method ASTM D323 or a modification of ASTM D323 known as the "dry method" as set forth in 40 CFR 80, Appendix E, incorporated by reference in 35 Ill. Adm. Code 218.112 of this Part. For gasoline oxygenate blends which contain water extractable oxygenates, the Reid vapor pressure shall be measured using the dry method test.
- f) The ethanol content of ethanol blend gasolines shall be determined by use of one of the approved testing methodologies specified in 40 CFR 80, Appendix F, incorporated by reference in 35 Ill. Adm. Code 218.112 of this Part.
- g) Any alternate to the sampling or testing methods or procedures contained in subsections (d), (e), and (f) of this Section must be approved by the Agency, which shall consider data comparing the performance of the proposed alternative to the performance of one or more approved test methods or procedures. Such data shall accompany any request for Agency approval of any alternate test procedure. If the Agency determines that such data demonstrates that the proposed alternative will achieve results equivalent to the approved test methods or procedures, the Agency shall approve the proposed alternative.
- h) Each refiner or supplier that distributes gasoline or ethanol blends shall:
- 1) During the regulatory control period, state that the Reid vapor pressure of all gasoline or ethanol blends leaving the refinery or distribution operation for use in Illinois complies with the Reid vapor pressure limitations set forth in 35 Ill. Adm. Code 218.585(b) and (c). Any operation receiving this gasoline shall be provided with a copy of an invoice, bill of lading, or other documentation used in normal business practice stating that the Reid vapor pressure of the gasoline complies with the State Reid vapor pressure standard.
- 2) Maintain records for a period of one year on the Reid vapor pressure, quantity shipped and date of delivery of any gasoline or ethanol blends leaving the refinery or distribution operation for use in Illinois. The Agency shall be provided with copies of such records if requested.

(Source: Rep	pealed at	36 Ill.	Req. —,	effective	100 100 100 100
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SUBPART HH: MOTOR VEHICLE REFINISHING

Section 218.784 Equipment Specifications

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

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

(Source: Amended at 36 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

Section 218.792 Registration (Repealed)

- a) Every owner or operator of a motor vehicle refinishing operation shall register with the Agency on or before the date specified in Section 218.791 of this Subpart. The following information shall be included in this registration:
- 1) The name and address of the source, and the name and telephone number of the person responsible for submitting the registration information;
- 2) A description of all coating operations of motor vehicles, mobile equipment, or their parts or components, and all associated surface preparation operations at the source;
- 3) A description of all coating applicators used at the source to comply with Section 218.784(a) of this Subpart, if applicable;
- 4) A description of all cleanup operations at the source, including equipment used to comply with Section 218.784(b) of this Subpart, if applicable;
- 5) A description of all work practices at the source used to comply with Section 218.787 of this Subpart;
- 6) If a source claims to be exempt from the equipment requirements in Section 218.784 of this Subpart because it uses less than 20 gallons of coating per year, the owner's or operator's certification that the annual usage is below this level;
- 7) A written declaration stating whether the source is complying with this Subpart by using coatings that comply with the applicable VOM content limits in

Section 218.780 of this Subpart or by control equipment as specified in Section 218.782; and

- 8) A description of any control devices used to comply with Section 218.782 of this Subpart and the date(s) the device was installed and became operational.
- b) At least 30 calendar days before changing the method of compliance to or from Sections 218.780 and 218.782, the owner or operator of a motor vehicle refinishing operation shall notify the Agency and certify that the source is incompliance with the applicable requirements for the new method of compliance.

(Source: Repealed at 36 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

JCAR350218-1206950r01

ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Document comparison done by DeltaView on Tuesday, May 08, 2012 11:06:59 AM

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227         228         Section           229         218.601         Perchloroethylene Dry Cleaners (Repealed)           230         218.602         Applicability (Repealed)           231         218.603         Leaks (Repealed)           232         218.604         Compliance Dates (Repealed)           233         218.605         Compliance Plan (Repealed)           234         218.606         Exception to Compliance Plan (Repealed)           235         218.607         Standards for Petroleum Solvent Dry Cleaners           236         218.608         Operating Practices for Petroleum Solvent Dry Cleaners           237         218.609         Program for Inspection and Repair of Leaks           238         218.611         Applicability for Petroleum Solvent Dry Cleaners           240         218.612         Compliance Dates (Repealed)           241         218.613         Compliance Plan (Repealed)           242         SubPART AA: PAINT AND INK MANUFACTURING           244         Section           245         Section           246         218.620         Applicability           247         218.621         Exemption for Waterbase Material and Heatset-Offset Ink           249         218.625         Grinding Mills			SUBPART Z: DRY CLEANERS
228         Section           229         218.601         Perchloroethylene Dry Cleaners (Repealed)           230         218.602         Applicability (Repealed)           231         218.603         Leaks (Repealed)           232         218.604         Compliance Dates (Repealed)           233         218.605         Compliance Plan (Repealed)           234         218.606         Exception to Compliance Plan (Repealed)           235         218.607         Standards for Petroleum Solvent Dry Cleaners           236         218.608         Operating Practices for Petroleum Solvent Dry Cleaners           237         218.609         Program for Inspection and Repair of Leaks           238         218.610         Testing and Monitoring           239         218.611         Applicability for Petroleum Solvent Dry Cleaners           240         218.612         Compliance Dates (Repealed)           241         218.613         Compliance Plan (Repealed)           242         Section           243         SUBPART AA: PAINT AND INK MANUFACTURING           244         Subject of Section           245         Section           246         218.621         Exemption for Waterbase Material and Heatset-Offset Ink           24			SERVINCE D. BILL CHEMICAL
230         218.602         Applicability (Repealed)           231         218.603         Leaks (Repealed)           232         218.604         Compliance Dates (Repealed)           233         218.605         Compliance Plan (Repealed)           234         218.606         Exception to Compliance Plan (Repealed)           235         218.607         Standards for Petroleum Solvent Dry Cleaners           236         218.608         Operating Practices for Petroleum Solvent Dry Cleaners           237         218.609         Program for Inspection and Repair of Leaks           238         218.610         Testing and Monitoring           239         218.611         Applicability for Petroleum Solvent Dry Cleaners           240         218.612         Compliance Dates (Repealed)           241         218.613         Compliance Plan (Repealed)           242         SUBPART AA: PAINT AND INK MANUFACTURING           244         218.621         Exemption for Waterbase Material and Heatset-Offset Ink           248         218.622         Applicability           249         218.624         Open-Top Mills, Tanks, Vats or Vessels           250         218.625         Grinding Mills           251         218.628         Leaks		Section	
230         218.602         Applicability (Repealed)           231         218.603         Leaks (Repealed)           232         218.604         Compliance Dates (Repealed)           233         218.605         Compliance Plan (Repealed)           234         218.606         Exception to Compliance Plan (Repealed)           235         218.607         Standards for Petroleum Solvent Dry Cleaners           236         218.608         Operating Practices for Petroleum Solvent Dry Cleaners           237         218.609         Program for Inspection and Repair of Leaks           238         218.610         Testing and Monitoring           239         218.611         Applicability for Petroleum Solvent Dry Cleaners           240         218.612         Compliance Dates (Repealed)           241         218.613         Compliance Plan (Repealed)           242         SUBPART AA: PAINT AND INK MANUFACTURING           244         Exemption for Waterbase Material and Heatset-Offset Ink           245         Section           246         218.621         Exemption for Waterbase Material and Heatset-Offset Ink           249         218.625         Grinding Mills           250         218.625         Grinding Mills           251         218.	229	218.601	Perchloroethylene Dry Cleaners (Repealed)
231         218.603         Leaks (Repealed)           232         218.604         Compliance Dates (Repealed)           233         218.605         Compliance Plan (Repealed)           234         218.606         Exception to Compliance Plan (Repealed)           235         218.607         Standards for Petroleum Solvent Dry Cleaners           236         218.608         Operating Practices for Petroleum Solvent Dry Cleaners           237         218.609         Program for Inspection and Repair of Leaks           238         218.610         Testing and Monitoring           239         218.611         Applicability for Petroleum Solvent Dry Cleaners           240         218.612         Compliance Dates (Repealed)           241         218.613         Compliance Plan (Repealed)           242         SUBPART AA: PAINT AND INK MANUFACTURING           244         Section           245         Section           246         218.620         Applicability           247         218.621         Exemption for Waterbase Material and Heatset-Offset Ink           248         218.622         Open-Top Mills, Tanks, Vats or Vessels           250         218.625         Grinding Mills           251         218.626         Storage Tanks<	230	218.602	· · · · · · · · · · · · · · · · · · ·
232         218.604         Compliance Dates (Repealed)           233         218.605         Compliance Plan (Repealed)           234         218.606         Exception to Compliance Plan (Repealed)           235         218.607         Standards for Petroleum Solvent Dry Cleaners           236         218.608         Operating Practices for Petroleum Solvent Dry Cleaners           237         218.609         Program for Inspection and Repair of Leaks           238         218.611         Applicability for Petroleum Solvent Dry Cleaners           240         218.612         Compliance Dates (Repealed)           241         218.613         Compliance Plan (Repealed)           242         SUBPART AA: PAINT AND INK MANUFACTURING           244         Subplicability           245         Section           246         218.620         Applicability           247         218.621         Exemption for Waterbase Material and Heatset-Offset Ink           248         218.623         Permit Conditions (Repealed)           249         218.624         Open-Top Mills, Tanks, Vats or Vessels           250         218.625         Grinding Mills           251         218.628         Leaks           252         218.630         Clean Up <td>231</td> <td>218.603</td> <td></td>	231	218.603	
233 218.605 Compliance Plan (Repealed) 234 218.606 Exception to Compliance Plan (Repealed) 235 218.607 Standards for Petroleum Solvent Dry Cleaners 236 218.608 Operating Practices for Petroleum Solvent Dry Cleaners 237 218.609 Program for Inspection and Repair of Leaks 238 218.610 Testing and Monitoring 239 218.611 Applicability for Petroleum Solvent Dry Cleaners 240 218.612 Compliance Dates (Repealed) 241 218.613 Compliance Plan (Repealed) 242 243 SUBPART AA: PAINT AND INK MANUFACTURING 244 245 Section 246 218.620 Applicability 247 218.621 Exemption for Waterbase Material and Heatset-Offset Ink 248 218.623 Permit Conditions (Repealed) 249 218.624 Open-Top Mills, Tanks, Vats or Vessels 250 218.625 Grinding Mills 251 218.626 Storage Tanks 252 218.630 Clean Up 253 218.637 Recordkeeping and Reporting 256 257 SUBPART BB: POLYSTYRENE PLANTS	232	218.604	
235         218.607         Standards for Petroleum Solvent Dry Cleaners           236         218.608         Operating Practices for Petroleum Solvent Dry Cleaners           237         218.609         Program for Inspection and Repair of Leaks           238         218.610         Testing and Monitoring           239         218.611         Applicability for Petroleum Solvent Dry Cleaners           240         218.612         Compliance Dates (Repealed)           241         218.613         Compliance Plan (Repealed)           242         SUBPART AA: PAINT AND INK MANUFACTURING           244         Section           245         Section           246         218.620         Applicability           247         218.621         Exemption for Waterbase Material and Heatset-Offset Ink           248         218.623         Permit Conditions (Repealed)           249         218.624         Open-Top Mills, Tanks, Vats or Vessels           250         218.625         Grinding Mills           251         218.626         Storage Tanks           252         218.630         Clean Up           254         218.637         Recordkeeping and Reporting           256         SUBPART BB: POLYSTYRENE PLANTS	233	218.605	
236 218.608 Operating Practices for Petroleum Solvent Dry Cleaners 237 218.609 Program for Inspection and Repair of Leaks 238 218.610 Testing and Monitoring 239 218.611 Applicability for Petroleum Solvent Dry Cleaners 240 218.612 Compliance Dates (Repealed) 241 218.613 Compliance Plan (Repealed) 242 243 SUBPART AA: PAINT AND INK MANUFACTURING 244 245 Section 246 218.620 Applicability 247 218.621 Exemption for Waterbase Material and Heatset-Offset Ink 248 218.623 Permit Conditions (Repealed) 249 218.624 Open-Top Mills, Tanks, Vats or Vessels 250 218.625 Grinding Mills 251 218.626 Storage Tanks 252 218.630 Clean Up 254 218.637 Recordkeeping and Reporting 256 257 SUBPART BB: POLYSTYRENE PLANTS	234	218.606	Exception to Compliance Plan (Repealed)
237 218.609 Program for Inspection and Repair of Leaks 238 218.610 Testing and Monitoring 239 218.611 Applicability for Petroleum Solvent Dry Cleaners 240 218.612 Compliance Dates (Repealed) 241 218.613 Compliance Plan (Repealed) 242 243 SUBPART AA: PAINT AND INK MANUFACTURING 244 245 Section 246 218.620 Applicability 247 218.621 Exemption for Waterbase Material and Heatset-Offset Ink 248 218.623 Permit Conditions (Repealed) 249 218.624 Open-Top Mills, Tanks, Vats or Vessels 250 218.625 Grinding Mills 251 218.626 Storage Tanks 252 218.628 Leaks 253 218.630 Clean Up 254 218.637 Recordkeeping and Reporting 256 257 SUBPART BB: POLYSTYRENE PLANTS	235	218.607	Standards for Petroleum Solvent Dry Cleaners
238         218.610         Testing and Monitoring           239         218.611         Applicability for Petroleum Solvent Dry Cleaners           240         218.612         Compliance Dates (Repealed)           241         218.613         Compliance Plan (Repealed)           242         SUBPART AA: PAINT AND INK MANUFACTURING           243         SUBPART AA: PAINT AND INK MANUFACTURING           244         245         Section           246         218.620         Applicability           247         218.621         Exemption for Waterbase Material and Heatset-Offset Ink           248         218.623         Permit Conditions (Repealed)           249         218.624         Open-Top Mills, Tanks, Vats or Vessels           250         218.625         Grinding Mills           251         218.626         Storage Tanks           252         218.628         Leaks           253         218.630         Clean Up           254         218.637         Recordkeeping and Reporting           256         SUBPART BB: POLYSTYRENE PLANTS	236	218.608	Operating Practices for Petroleum Solvent Dry Cleaners
239 218.611 Applicability for Petroleum Solvent Dry Cleaners 240 218.612 Compliance Dates (Repealed) 241 218.613 Compliance Plan (Repealed) 242 243 SUBPART AA: PAINT AND INK MANUFACTURING 244 245 Section 246 218.620 Applicability 247 218.621 Exemption for Waterbase Material and Heatset-Offset Ink 248 218.623 Permit Conditions (Repealed) 249 218.624 Open-Top Mills, Tanks, Vats or Vessels 250 218.625 Grinding Mills 251 218.626 Storage Tanks 252 218.628 Leaks 253 218.630 Clean Up 254 218.637 Recordkeeping and Reporting 256 257 SUBPART BB: POLYSTYRENE PLANTS		218.609	Program for Inspection and Repair of Leaks
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SUBPART AA: PAINT AND INK MANUFACTURING  244  245 Section  246 218.620 Applicability  247 218.621 Exemption for Waterbase Material and Heatset-Offset Ink  248 218.623 Permit Conditions (Repealed)  249 218.624 Open-Top Mills, Tanks, Vats or Vessels  250 218.625 Grinding Mills  251 218.626 Storage Tanks  252 218.628 Leaks  253 218.630 Clean Up  254 218.636 Compliance Schedule  255 218.637 Recordkeeping and Reporting  256  257 SUBPART BB: POLYSTYRENE PLANTS		218.613	Compliance Plan (Repealed)
244 245 Section 246 218.620 Applicability 247 218.621 Exemption for Waterbase Material and Heatset-Offset Ink 248 218.623 Permit Conditions (Repealed) 249 218.624 Open-Top Mills, Tanks, Vats or Vessels 250 218.625 Grinding Mills 251 218.626 Storage Tanks 252 218.628 Leaks 253 218.630 Clean Up 254 218.636 Compliance Schedule 255 218.637 Recordkeeping and Reporting 256 257 SUBPART BB: POLYSTYRENE PLANTS			
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248       218.623       Permit Conditions (Repealed)         249       218.624       Open-Top Mills, Tanks, Vats or Vessels         250       218.625       Grinding Mills         251       218.626       Storage Tanks         252       218.628       Leaks         253       218.630       Clean Up         254       218.636       Compliance Schedule         255       218.637       Recordkeeping and Reporting         256       SUBPART BB: POLYSTYRENE PLANTS			* *
249       218.624       Open-Top Mills, Tanks, Vats or Vessels         250       218.625       Grinding Mills         251       218.626       Storage Tanks         252       218.628       Leaks         253       218.630       Clean Up         254       218.636       Compliance Schedule         255       218.637       Recordkeeping and Reporting         256       SUBPART BB: POLYSTYRENE PLANTS			•
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257 SUBPART BB: POLYSTYRENE PLANTS		_10.00,	
			SUBPART BB: POLYSTYRENE PLANTS
258	258		

259	Section	
260	218.640	Applicability
261	218.642	Emissions Limitation at Polystyrene Plants
262	218.644	Emissions Testing
263		· ·
264	SUBPA	ART CC: POLYESTER RESIN PRODUCT MANUFACTURING PROCESS
265		
266	Section	
267	218.660	Applicability
268	218.666	Control Requirements
269	218.667	Compliance Schedule
270	218.668	Testing
271	218.670	Recordkeeping and Reporting for Exempt Emission Units
272	218.672	Recordkeeping and Reporting for Subject Emission Units
273	210.072	recording and reporting for Subject Emission Cints
274		SUBPART DD: AEROSOL CAN FILLING
275		SODITARY DD. ALROSOL CHATTLEING
276	Section	
277	218.680	Applicability
278	218.686	Control Requirements
279	218.688	Testing
280	218.690	Recordkeeping and Reporting for Exempt Emission Units
281	218.692	Recordkeeping and Reporting for Subject Emission Units
282	210.092	Recordicepting and Reporting for Subject Emission Onits
283		SUDDADT EE, DAVEDY OVENIC (DEDEALED)
284		SUBPART FF: BAKERY OVENS (REPEALED)
285	Section	
286	218.720	Applicability (Deposled)
287	218.720	Applicability (Repealed)
288	218.726	Control Requirements (Repealed)
289		Testing (Repealed)
299	218.727 218.728	Monitoring (Repealed)
		Recordkeeping and Reporting (Repealed)
291	218.729	Compliance Date (Repealed)
292	218.730	Certification (Repealed)
293		
294		SUBPART GG: MARINE TERMINALS
295	a .:	
296	Section	A 12 1 22 .
297	218.760	Applicability
298	218.762	Control Requirements
299	218.764	Compliance Certification
300	218.766	Leaks
301	218.768	Testing and Monitoring

302 303	218.770	Recordkeeping and Reporting
304		SUBPART HH: MOTOR VEHICLE REFINISHING
305		SODITACI IIII. MOTOR VEINOED REMINISTRA
306	Section	
307	218.780	Emission Limitations
308	218.782	Alternative Control Requirements
309	218.784	Equipment Specifications
310	218.786	Surface Preparation Materials
311	218.787	Work Practices
312	218.788	Testing
313	218.789	Monitoring and Recordkeeping for Control Devices
314	218.790	General Recordkeeping and Reporting (Repealed)
315	218.791	Compliance Date
316	218.792	Registration (Repealed)
317	218.875	Applicability of Subpart BB (Renumbered)
318	218.877	Emissions Limitation at Polystyrene Plants (Renumbered)
319	218.879	Compliance Date (Repealed)
320	218.881	Compliance Plan (Repealed)
321	218.883	Special Requirements for Compliance Plan (Repealed)
322	218.886	Emissions Testing (Renumbered)
323		
324		SUBPART II: FIBERGLASS BOAT MANUFACTURING MATERIALS
325		
326	Section	
327	218.890	Applicability
328	218.891	Emiggion Limitations and Control Descriptions
329		Emission Limitations and Control Requirements
	218.892	Testing Requirements
330		
331	218.892	Testing Requirements Recordkeeping and Reporting Requirements
331 332	218.892 218.894	Testing Requirements
331 332 333	218.892 218.894 Section	Testing Requirements Recordkeeping and Reporting Requirements SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES
331 332 333 334	218.892 218.894 Section 218.900	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability
331 332 333 334 335	218.892 218.894 Section 218.900 218.901	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability Emission Limitations and Control Requirements
331 332 333 334 335 336	218.892 218.894 Section 218.900 218.901 218.902	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability Emission Limitations and Control Requirements Testing Requirements
331 332 333 334 335 336 337	218.892 218.894 Section 218.900 218.901 218.902 218.903	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability Emission Limitations and Control Requirements Testing Requirements Monitoring Requirements
331 332 333 334 335 336 337 338	218.892 218.894 Section 218.900 218.901 218.902	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability Emission Limitations and Control Requirements Testing Requirements
331 332 333 334 335 336 337 338 339	218.892 218.894 Section 218.900 218.901 218.902 218.903	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability Emission Limitations and Control Requirements Testing Requirements Monitoring Requirements Recordkeeping and Reporting Requirements
331 332 333 334 335 336 337 338 339 340	218.892 218.894 Section 218.900 218.901 218.902 218.903	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability Emission Limitations and Control Requirements Testing Requirements Monitoring Requirements Recordkeeping and Reporting Requirements SUBPART PP: MISCELLANEOUS FABRICATED PRODUCT
331 332 333 334 335 336 337 338 339 340 341	218.892 218.894 Section 218.900 218.901 218.902 218.903	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability Emission Limitations and Control Requirements Testing Requirements Monitoring Requirements Recordkeeping and Reporting Requirements
331 332 333 334 335 336 337 338 339 340 341 342	218.892 218.894 Section 218.900 218.901 218.902 218.903 218.904	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability Emission Limitations and Control Requirements Testing Requirements Monitoring Requirements Recordkeeping and Reporting Requirements SUBPART PP: MISCELLANEOUS FABRICATED PRODUCT
331 332 333 334 335 336 337 338 339 340 341	218.892 218.894 Section 218.900 218.901 218.902 218.903	Testing Requirements Recordkeeping and Reporting Requirements  SUBPART JJ: MISCELLANEOUS INDUSTRIAL ADHESIVES  Applicability Emission Limitations and Control Requirements Testing Requirements Monitoring Requirements Recordkeeping and Reporting Requirements SUBPART PP: MISCELLANEOUS FABRICATED PRODUCT

345 346 347	218.923 218.926 218.927	Permit Conditions (Repealed) Control Requirements Compliance Schedule
348 349	218.928 218.929	Testing Cementable and Dress or Performance Shoe Leather
350		
351 352		SUBPART QQ: MISCELLANEOUS FORMULATION  MANUFACTURING PROCESSES
353		MANUFACTURING PROCESSES
354	Section	
355	218.940	Applicability
356	218.943	Permit Conditions (Repealed)
357	218.946	Control Requirements
358	218.947	Compliance Schedule
359	218.948	Testing
360		
361		SUBPART RR: MISCELLANEOUS ORGANIC CHEMICAL
362		MANUFACTURING PROCESSES
363		
364	Section	
365	218.960	Applicability
366	218.963	Permit Conditions (Repealed)
367	218.966	Control Requirements
368	218.967	Compliance Schedule
369	218.968	Testing
370		
371		SUBPART TT: OTHER EMISSION UNITS
372		
373	Section	
374	218.980	Applicability
375	218.983	Permit Conditions (Repealed)
376	218.986	Control Requirements
377	218.987	Compliance Schedule
378	218.988	Testing
379		
380		SUBPART UU: RECORDKEEPING AND REPORTING
381		
382	Section	
383	218.990	Exempt Emission Units
384	218.991	Subject Emission Units
385	010 1000	
386	218.APPENI	θ
387		Manufacturing

388 389 390 391 392 393 394 395	218.APPENDIX B 218.APPENDIX C 218.APPENDIX D 218.APPENDIX E 218.APPENDIX G 218.APPENDIX H	VOM Measurement Techniques for Capture Efficiency (Repealed) Reference Methods and Procedures Coefficients for the Total Resource Effectiveness Index (TRE) Equation List of Affected Marine Terminals TRE Index Measurements for SOCMI Reactors and Distillation Units Baseline VOM Content Limitations for Subpart F, Section 218.212 Cross-Line Averaging			
396 397 398	AUTHORITY: Implementing Section 10 and authorized by Sections 27, 28, and 28.5 of the Environmental Protection Act [415 ILCS 5/10, 27, 28, and 28.5].				
399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417	24 at 16 III. Reg. 13564 Reg. 13864, effective A September 27, 1993; an amended in R94-12 at 1 18 III. Reg. 16392, effective November 15, effective May 9, 1995; amended in R96-13 at 2 III. Reg. 7708, effective February 2, 1998; amen R02-20 at 27 III. Reg. 7 effective May 15, 2006 amended in R08-8 at 32 Reg. 5330, effective May 2010; amended in R10- 8(A) at 35 III. Reg. 469 effective July 27, 2011;	R91-7 at 15 III. Reg. 12231, effective August 16, 1991; amended in R91-8, effective August 24, 1992; amended in R91-28 and R91-30 at 16 III. August 24, 1992; amended in R93-9 at 17 III. Reg. 16636, effective mended in R93-14 at 18 III. Reg. 1945, effective January 24, 1994; l8 III. Reg. 14973, effective September 21, 1994; amended in R94-15 at ctive October 25, 1994; amended in R94-16 at 18 III. Reg. 16950, 1994; amended in R94-21, R94-31 and R94-32 at 19 III. Reg. 6848, amended in R94-33 at 19 III. Reg. 7359, effective May 22, 1995; 20 III. Reg. 14428, effective October 17, 1996; amended in R97-24 at 21 at 21 III. Reg. 14282, effective July 16, 1998; amended in R98-16 at 22 III. Reg. 14282, effective July 16, 1998; amended in R98-16 at 22 III. Reg. 14282, effective July 16, 1998; amended in R98-16 at 21 III. Reg. 7086, effective April 30, 2007; 21 III. Reg. 14874, effective August 26, 2008; amended in R10-10 at 34 III. arch 23, 2010; amended in R10-8 at 34 III. Reg. 9096, effective June 25, 20 at 34 III. Reg. 14174, effective September 14, 2010; amended in R10-4, effective December 21, 2010; amended in R11-23 at 35 III. Reg. 13473, amended in R11-23(A) at 35 III. Reg. 18813, effective October 25, 2011; 36 III. Reg, effective			
418 419 420		SUBPART A: GENERAL PROVISIONS			
421 422	Section 218.112 Incor	porations by Reference			
423 424 425	The following materials additions or amendmen	s are incorporated by reference and do not contain any subsequent ts.			
426 427 428	Conshoh	n Society for Testing and Materials, 100 Barr Harbor Drive, West locken PA 19428-9555:			
429 430	1) A	ASTM D 2879-86			

2)	ASTM D 323-08ASTM D 323-82
2)	4.000 4.00
3)	ASTM D 86-82
45	1 OFF 1 D 2 (0 (0 (10 T1))
4)	ASTM D 369-69 (1971)
, m.s.	1 OFF 1 D 20 ( ) ( )
5)	ASTM D 396-69
	1 CT 1 C 2 C C C C C
6)	ASTM D 2880-71
7.	4 CTD 4 D 077 4 C
/)	ASTM D 975-68
0)	1 CTT 1 T 202 T 01 (100 T)
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586	(C 0,1ma	ou Amonded et 26 III Dec
587	(Sourc	e: Amended at 36 Ill. Reg, effective)
588	CIIDDADTI	B: ORGANIC EMISSIONS FROM STORAGE AND LOADING OPERATIONS
589	SUBFARTI	5. ORGANIC EMISSIONS FROM STORAGE AND LOADING OPERATIONS
590	Section 218 1	28 Monitoring VOL Operations
591	Section 210.1	28 Monitoring VOL Operations
592	a)	Except as provided in subsection (d) below, the owner or operator of each storage
593	ω)	vessel with a design capacity greater than or equal to 40,000 gallons storing a
594		liquid with a maximum true vapor pressure that is normally less than 0.75 psia
595		shall notify the Agency within 30 days when the maximum true vapor pressure of
596		the liquid exceeds 0.75 psia.
597		I am
598	b)	Available data on the storage temperature may be used to determine the maximum
599	,	true vapor pressure.
500		
501 502		1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected
		and rapor pressure is calculated based upon the highest expected

603			dar-month average of the storage temperature. For vessels operated
604		at am	bient temperatures, the maximum true vapor pressure is calculated
605		based	d upon the maximum local monthly average ambient temperature as
606		repor	ted by the National Weather Service.
607			
608		2) For o	other liquids, the vapor pressure:
609			
610		A)	Determined by ASTM Method D2879-83, incorporated by
611		,	reference at Section <u>218.112(a)218.112(a)(1)</u> of this Part;
612			
613		B)	Measured by an appropriate method approved by the Agency and
614			USEPA; or
615			
616		C)	Calculated by an appropriate method approved by the Agency and
617		0)	USEPA.
618			COLITI.
519	c)	The owner o	r operator of each vessel storing a mixture of indeterminate or
620	<i>\(\circ\)</i>		sposition shall be subject to the following:
521		variable com	sposition shall be subject to the following.
521 522		1) Prior	to the initial filling of the vessel, the maximum true vapor pressure
523			
523 524			the range of anticipated liquid compositions to be stored will be
52 <del>4</del> 525		deter	mined using the methods described in subsection (b)-above.
525 526		2) East	roggola in which the room an annual of the sufficient of the
520 527			ressels in which the vapor pressure of the anticipated liquid
527 528		_	position is 0.5 psia or greater but less than 0.75 psia, an initial
			cal test of the vapor pressure is required; a physical test at least once
529			6 months thereafter is required as determined by the following
630 631		methe	ods:
531		<b>A</b> >	ACTIVATA (1. 1700000 00. 1
532		A)	ASTM Method D2879-83, incorporated by reference at Section
533			218.112(a)218.112(a)(1) of this Part;
634		77)	10TD 63 6 1 1 1 D000 00 D000 00 1
635		B)	ASTM Method <u>D323-08</u> <del>D323-82</del> , incorporated by reference at
536			Section <u>218.112(a)</u> <del>218.112(a)(25)</del> of this Part; or
537		α,	
538		C)	As measured by an appropriate method approved by the Agency.
539	45		
540	d)	The owner or	r operator of each vessel equipped with a closed vent system and
541			e meeting the specifications of Section 218.120 of this Subpart is
542		exempt from	the requirements of subsections (a) and (b) above.
543			
544	(Sour	ce: Amended	at 36 Ill. Reg, effective)
545			

646		SUBPART Y: GASOLINE DISTRIBUTION
647 648	Section 218.	585 Gasoline Volatility Standards (Repealed)
649 650 651	<del>a)</del>	No person shall sell, offer for sale, dispense, supply, offer for supply, or transport for use in Illinois gasoline whose Reid vapor pressure exceeds the applicable
652 653 654		limitations set forth in subsections (b) and (c) of this Section during the regulatory control periods, which shall be May 1 to September 15 for retail outlets, wholesale purchaser consumer, operations, and all other operations.
655 656 657 658	<del>b)</del>	The Reid vapor pressure of gasoline, a measure of its volatility, shall not exceed 9.0 psi (62.07 kPa) during the regulatory control period in 1990 and each year thereafter.
659 660 661 662 663	e)	The Reid vapor pressure of ethanol blend gasolines shall not exceed the limitations for gasoline set forth in subsection (b) of this Section by more than 1.0 psi (6.9 kPa). Notwithstanding this limitation, blenders of ethanol blend gasolines whose Reid vapor pressure is less than 1.0 psi above the base stock gasoline
664 665 666	47	immediately after blending with ethanol are prohibited from adding butane or any product that will increase the Reid vapor pressure of the blended gasoline.
667 668 669 670	<del>d)</del>	All sampling of gasoline required pursuant to the provisions of this Section shall be conducted by one or more of the following approved methods or procedures which are incorporated by reference in Section 215.105.
571 572		1) For manual sampling, ASTM D4057;
673 674 675		<ul> <li>For automatic sampling, ASTM D4177;</li> <li>Sampling procedures for Fuel Volatility, 40 CFR 80, Appendix D.</li> </ul>
576 577	e)	
678 679 680 681 682	<del>e)</del>	The Reid vapor pressure of gasoline shall be measured in accordance with either test method ASTM D323 or a modification of ASTM D323 known as the "dry method" as set forth in 40 CFR 80, Appendix E, incorporated by reference in 35 III. Adm. Code 218.112 of this Part. For gasoline oxygenate blends which contain water extractable oxygenates, the Reid vapor pressure shall be measured using the dry method test.
584 585 586 587	Ð	The ethanol content of ethanol blend gasolines shall be determined by use of one of the approved testing methodologies specified in 40 CFR 80, Appendix F, incorporated by reference in 35 Ill. Adm. Code 218.112 of this Part.
588	<del>g)</del>	Any alternate to the sampling or testing methods or procedures contained in

689 subsections (d), (e), and (f) of this Section must be approved by the Agency, 690 which shall consider data comparing the performance of the proposed alternative to the performance of one or more approved test methods or procedures. Such 691 692 data shall accompany any request for Agency approval of any alternate test 693 procedure. If the Agency determines that such data demonstrates that the 694 proposed alternative will achieve results equivalent to the approved test methods 695 or procedures, the Agency shall approve the proposed alternative. 696 697 h) Each refiner or supplier that distributes gasoline or ethanol blends shall: 698 699 1) During the regulatory control period, state that the Reid vapor pressure of 700 all gasoline or ethanol blends leaving the refinery or distribution operation 701 for use in Illinois complies with the Reid vapor pressure limitations set 702 forth in 35 III. Adm. Code 218.585(b) and (c). Any operation receiving 703 this gasoline shall be provided with a copy of an invoice, bill of lading, or 704 other documentation used in normal business practice stating that the Reid vapor pressure of the gasoline complies with the State Reid vapor pressure 705 706 standard. 707 708 2) Maintain records for a period of one year on the Reid vapor pressure, 709 quantity shipped and date of delivery of any gasoline or ethanol blends 710 leaving the refinery or distribution operation for use in Illinois. The 711 Agency shall be provided with copies of such records if requested. 712 713 (Source: Repealed at 36 Ill. Reg. \_\_\_\_\_, effective 714 715 SUBPART HH: MOTOR VEHICLE REFINISHING 716 Section 218.784 Equipment Specifications 717 718 719 Every owner or operator of a motor vehicle refinishing operation, unless the source uses less than 720 20 gallons of coating per calendar year from all motor vehicle refinishing operations combined, 721 shall: 722 723 a) Coat motor vehicles, mobile equipment, or their parts and components using one 724 of the following coating applicators: 725 726 1) Electrostatic spray equipment calibrated, operated and maintained in 727 accordance with the manufacturer's specifications; or 728 729 2) High Volume Low Pressure (HVLP) spray equipment calibrated, operated 730 and maintained in accordance with the manufacturer's specifications; 731 <u>orand</u>

732			
733		<u>3)</u>	An equivalent coating applicator technology that is demonstrated by the
734			manufacturer to achieve transfer efficiency comparable to the HVLP spray
735			equipment technology listed in subsection (a)(2) of this Section for a
736			comparable operation, and for which written approval has been obtained
737			from USEPA. The owner or operator must maintain documentation of
738			USEPA's approval at the motor vehicle refinishing operation; and
739			
740	b)	Clear	n all coating applicators with a device that:
741			
742		1)	Recirculates solvent during the cleaning process;
743			
744		2)	Collects spent solvent so it is available for disposal or recycling; and
745		-	1
746		3)	Minimizes evaporation of solvents during cleaning, rinsing, draining, and
747			storage.
748			-
749	(Sour	ce: An	nended at 36 Ill. Reg, effective)
750			
751	Section 218.7	792 Re	egistration (Repealed)
752			
753	a)	Ever	y owner or operator of a motor vehicle refinishing operation shall register
754		with	the Agency on or before the date specified in Section 218.791 of this
755			art. The following information shall be included in this registration:
756			
757		<del>1)</del>	The name and address of the source, and the name and telephone number
758			of the person responsible for submitting the registration information;
759			
760		<del>2)</del>	A description of all coating operations of motor vehicles, mobile
761			equipment, or their parts or components, and all associated surface
762			preparation operations at the source;
763			
764		<del>3)</del>	A description of all coating applicators used at the source to comply with
765			Section 218.784(a) of this Subpart, if applicable;
766			
767		<del>4)</del>	A description of all cleanup operations at the source, including equipment
768			used to comply with Section 218.784(b) of this Subpart, if applicable;
769			
770		<del>5)</del>	A description of all work practices at the source used to comply with
771			Section 218.787 of this Subpart;
772			
773		<del>6)</del>	If a source claims to be exempt from the equipment requirements in
774			Section 218.784 of this Subpart because it uses less than 20 gallons of

775		coating per year, the owner's or operator's certification that the annual
776		usage is below this level;
777		
778		7) A written declaration stating whether the source is complying with this
779		Subpart by using coatings that comply with the applicable VOM content
780		limits in Section 218.780 of this Subpart or by control equipment as
781		specified in Section 218.782; and
782		
783		8) A description of any control devices used to comply with Section 218.782
784		of this Subpart and the date(s) the device was installed and became
785		operational.
786		
787	<del>b)</del>	At least 30 calendar days before changing the method of compliance to or from
788		Sections 218.780 and 218.782, the owner or operator of a motor vehicle
789		refinishing operation shall notify the Agency and certify that the source is in
790		compliance with the applicable requirements for the new method of compliance.
791		
792	(Sour	ce: Repealed at 36 Ill. Reg, effective)