ILLINOIS POLLUTION CONTROL BOARD November 4, 1993

IN THE MATTER OF:)	
	j	
STAGE II VAPOR RECOVERY IN)	R93-28
THE METRO-EAST AREA: REPEAL)	(Rulemaking)
OF 35 TLL. ADM. 219.586	1	

Proposed Rule. First Notice.

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

On October 21, 1993 the Illinois Environmental Protection Agency (Agency) filed a rulemaking petition in which it proposes that the Board repeal the Stage II vapor recovery controls applicable in the Metro-East area (Madison, Monroe, and St. Clair Counties, Illinois). By order of the same day the Board accepted the Agency's petition.

Repeal of the Stage II regulations is predicated upon promulgation by the United States Environmental Protection Agency (USEPA) of rules that govern on-board vapor recovery (OBVR) systems (see discussion following). The Board believes that it is in the public interest that Illinois be poised to react to the Metro-East Stage II situation immediately upon USEPA promulgation of the OBVR rules, which is now expected to occur no later than January 1994. Pursuant thereto, the Board today sends the repeal proposal to first notice. The Board believes that beginning the dialogue on this matter immediately will provide the best opportunity for both full consideration and expeditious resolution of this matter.

The Board notes that it today takes no position on the substantive merits of the proposal. The decision as to whether this proposal will proceed or not, and an opinion in support thereof, will be rendered by the Board only after public hearing and upon closure of the public comment period in this matter.

Given that the Metro-East area consists of three contiguous counties, the Board construes Section 28 of the Environmental Protection Act (415 ILCS 5/1 et seq.) (Act) as requiring one hearing in the affected area. Therefore, the Board will hold one hearing in one of the subject counties.

The Board also invites written public comment. The public comment period will remain open to a date following the hearing, the date to be specified by the hearing officer.

BACKGROUND

Stage II vapor recovery systems are designed to control and capture hydrocarbon vapors during the fueling of vehicle tanks. Vehicle fuel emissions consist of gasoline vapors displaced from the vehicle tank by dispensed liquid gasoline as the tank is filled. The Stage II system captures these vapors as they exit the vehicle's fuel fillpipe, thereby preventing escape of the vapors into the atmosphere. Vapor capture is accomplished by one of several types of devices attached to or part of the nozzle of the fuel dispensing system.

The Stage II regulations at issue occur at 35 Ill. Adm. Code 219.586. They were adopted by the Board in August 1992¹ in response to requirements of both the federal Clean Air Act and the Illinois Environmental Protection Act. In particular, the Clean Air Act requires that areas classified as "moderate ozone nonattainment areas" have Stage II regulations in place and submitted for approval to the USEPA by November 15, 1992. (42 USC 7511a(b)(3).) The Metro-East area is classified by the USEPA as a moderate ozone nonattainment area.

The Clean Air Act, however, does provide for a circumstance under which Stage II regulations are not required in moderate ozone nonattainment areas. That circumstance is that the USEPA promulgate regulations for OBVR². The Clean Air Act specifies that USEPA is to promulgate OBVR regulations by November 15, 1991. Nevertheless, USEPA had not promulgated OBVR regulations by November 15, 1992, and still has not promulgated them. The nexus between the Stage II regulations required as of November 15, 1992 and the USEPA's action on the OBVR regulations has also been recognized by the state legislature in its directive to the Board to address Stage II:

The Board shall adopt regulations requiring the owner or operator of a gasoline dispensing system that dispenses more than 10,000 gallons of gasoline per month to install and operate a system for the recovery of gasoline vapor emissions arising from the fueling of motor vehicles that meets the requirements of Section 182 of the federal Clean Air Act (42 USC 7511a). These

In the Matter of: Stage II Gasoline Vapor Recovery Rules:
Amendments to 35 Ill. Adm. Code Parts 215, 218 and 219, R91-30,
August 13, 1992. In addition to the Metro-East Stage II
regulations, Stage II regulations for the Chicago ozone
nonattainment area were also adopted in R91-30. The Chicago area
regulations are not at issue today. The effective date of the
R91-30 regulations was August 24, 1992.

² OBVR systems accomplish vapor recovery through devices built into the vehicle rather than into the fuel pump.

regulations shall apply only in areas of the State that are classified as moderate, serious, severe or extreme nonattainment areas for ozone pursuant to Section 181 of the federal Clean Air Act (42 USC 7511), but shall not apply to areas classified as moderate nonattainment areas for ozone if the Administrator of the U.S. Environmental Protection Agency promulgates standards for vehicle-based (onboard) systems for the control of vehicle refueling emissions pursuant to Section 202(a)(6) of the federal Clean Air Act (42 USC 7521(a)(6) by November 15, 1992.

(415 ILCS 5/10, emphasis added)

Now, however, it appears that federal promulgation of OBVR regulations will in fact occur. The National Resources Defense Council (NRDC) and others have successfully brought suit against USEPA for failure to promulgate the OBVR regulations. (NRDC v. Reilly, No. 92-1137, D.C. Cir. Jan. 22, 1993.) The court has found that USEPA did not have the discretion to forego promulgation of the OBVR regulations, and accordingly ordered USEPA to proceed with the regulations. Additionally, a consent decree has been entered that requires that USEPA promulgate the OBVR regulations by January 22, 1994.

In recognition of these OBVR developments, the Agency on May 3, 1993 filed a motion with the Board requesting that the Board adopt an emergency rule that would extend the deadline upon which affected facilities in the Metro-East area were required under Section 219.586 to come into compliance with the Stage II requirements. By order of May 20, 1993 the Board granted the Agency's motion and adopted an emergency rule, the net effect of which was to temporarily move out the compliance date to October 15, 1993. That date is now past, and, absent further regulatory amendment, the affected facilities are again required to be in compliance with Stage II requirements.

It is the Agency's observation that absent repeal of the Stage II rules

... the specter is raised of a very large capital outlay in an economically depressed area of the State to satisfy a Clean Air Act requirement for only a very short period of time. Specifically, the Agency estimated that the capital outlay for installation of Stage II at the 400 area station would be approximately \$14 million. In January when the OBVR rules are promulgated, there is no longer a federal requirement for Stage II systems to be in place.

(Agency Statement of Reasons at p.2)

ADDITIONAL INFORMATION

In the interest of assuring a full record in this matter, the Board asks the Agency and interested persons to present the following particular information: (1) the number of facilities that have already installed some Stage II equipment, including those who may have done installation in conjunction with installing new tanks; (2) the remaining equipment or modifications necessary to operate Stage II vapor recovery in accordance with the in-place rule; and (3) cost estimates to complete installation that has begun, and estimated costs to operate a Stage II program in accordance with the in-place rule.

As a final matter, the Board observes that the Act at Section 10 specifies that Stage II "... regulations ... shall not apply ... if [USEPA] ... promulgates [OBVR] standards ... by November 15, 1992" (see full quotation above). In light of this language, the Board particularly asks interested persons to comment on whether USEPA's failure to promulgate OBVR regulations by November 15, 1992 constitutes an impediment to the Board's moving forward with repeal of the Metro-East Stage II regulations.

ORDER

The Board hereby adopts for first notice the following amendments to 35 Ill. Adm. Code 219 effectuating the repeal of Section 219.586. The Clerk of the Board is directed to file this proposal with the Secretary of State for publication in the Illinois Register.

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

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

SUBPART A: GENERAL PROVISIONS

Section	
219.100	Introduction
219.101	Savings Clause
219.102	Abbreviations and Conversion Factors
219.103	Applicability
219.104	Definitions
219.105	Test Methods and Procedures
219.106	Compliance Dates
219.107	Operation of Afterburners

219.108	
	Control or Compliance Determinations
219.109	
219.110	
219.111	
219.112	
219.113	Monitoring for Negligibly-Reactive Compounds
SUBPART	B: ORGANIC EMISSIONS FROM STORAGE AND LOADING OPERATIONS
Section	
219.121	Storage Containers
219.122	Loading Operations
219.123	Petroleum Liquid Storage Tanks
219.124	
219.125	
219.126	The second se
SUBP	ART C: ORGANIC EMISSIONS FROM MISCELLANEOUS EQUIPMENT
Section	
219.141	Separation Operations
219.142	
	Vapor Blowdown
219.144	-
	SUBPART E: SOLVENT CLEANING
	SUBPART E: SOLVENT CLEANING
Section	
219.181	Solvent Cleaning in General
219.182	
219.183	· · · · · · · · · · · · · · · · · · ·
219.184	
219.185	
219.186	
	SUBPART F: COATING OPERATIONS
Section	
219.204	Emission Limitations
219.205	
219.206	
219.207	
219.208	
219.209	Exemption From General Rule on Use of Organic Material
219.210	
219.211	Recordreeping and Reporting
	SUBPART G: USE OF ORGANIC MATERIAL
Section	
219.301	Use of Organic Material
219.302	

219.303 219.304	
	SUBPART H: PRINTING AND PUBLISHING
Section	
219.401	Flexographic and Rotogravure Printing
219.402	Applicability
219.403	Compliance Schedule
219.404	
219.405	
	Q: LEAKS FROM SYNTHETIC ORGANIC CHEMICAL AND POLYMER MANUFACTURING PLANT
Section	
219.421	General Requirements
219.422	Inspection Program Plan for Leaks
219.423	Inspection Program for Leaks
219.424	Repairing Leaks
219.425	Recordkeeping for Leaks
219.426	Report for Leaks
219.427	Alternative Program for Leaks
219.428	Open-Ended Valves
219.429	Standards for Control Devices
219.430	Compliance Date (Repealed)
SUBPA	ART R: PETROLEUM REFINING AND RELATED INDUSTRIES; ASPHALT MATERIALS
	· ·
Section	ASPHALT MATERIALS
Section 219.441	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal
Section 219.441 219.442	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems
Section 219.441 219.442 219.443	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator
Section 219.441 219.442 219.443 219.444	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds
Section 219.441 219.442 219.443	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements
Section 219.441 219.442 219.443 219.444 219.445	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks
Section 219.441 219.442 219.443 219.444 219.445 219.446	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks
Section 219.441 219.442 219.443 219.444 219.445 219.446 219.447	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks
Section 219.441 219.442 219.443 219.444 219.445 219.446 219.447 219.448 219.449	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks
Section 219.441 219.442 219.443 219.444 219.445 219.446 219.447 219.448 219.449	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Alternative Program for Leaks
Section 219.441 219.442 219.443 219.444 219.445 219.446 219.447 219.448 219.449	Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Alternative Program for Leaks Sealing Device Requirements
Section 219.441 219.442 219.443 219.444 219.445 219.446 219.447 219.448 219.449 219.450 219.451	ASPHALT MATERIALS Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Alternative Program for Leaks
Section 219.441 219.442 219.443 219.445 219.445 219.446 219.447 219.448 219.449 219.450 219.451 219.452 219.453	Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Reporting for Leaks Alternative Program for Leaks Sealing Device Requirements Compliance Schedule for Leaks
Section 219.441 219.442 219.443 219.445 219.445 219.447 219.448 219.449 219.450 219.451 219.453 SUBP	Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Reporting for Leaks Alternative Program for Leaks Sealing Device Requirements Compliance Schedule for Leaks Compliance Dates (Repealed)
Section 219.441 219.442 219.443 219.444 219.445 219.446 219.447 219.448 219.449 219.450 219.451 219.453 SUBP	Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Alternative Program for Leaks Sealing Device Requirements Compliance Schedule for Leaks Compliance Dates (Repealed) PART S: RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS
Section 219.441 219.442 219.443 219.444 219.445 219.446 219.447 219.448 219.449 219.450 219.451 219.452 219.453 SUBP	Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Alternative Program for Leaks Sealing Device Requirements Compliance Schedule for Leaks Compliance Dates (Repealed) PART S: RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS Manufacture of Pneumatic Rubber Tires
Section 219.441 219.442 219.443 219.444 219.445 219.446 219.447 219.448 219.449 219.450 219.451 219.452 219.453 SUBP Section 219.461 219.462	Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Alternative Program for Leaks Sealing Device Requirements Compliance Schedule for Leaks Compliance Dates (Repealed) PART S: RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS Manufacture of Pneumatic Rubber Tires Green Tire Spraying Operations
Section 219.441 219.442 219.443 219.445 219.445 219.446 219.447 219.448 219.450 219.451 219.452 219.453 SUBP Section 219.461 219.462 219.463	Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Reporting for Leaks Sealing Device Requirements Compliance Schedule for Leaks Compliance Dates (Repealed) PART S: RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS Manufacture of Pneumatic Rubber Tires Green Tire Spraying Operations Alternative Emission Reduction Systems
Section 219.441 219.442 219.443 219.445 219.445 219.446 219.447 219.448 219.450 219.451 219.452 219.453 SUBP Section 219.461 219.462 219.463 219.464	Petroleum Refinery Waste Gas Disposal Vacuum Producing Systems Wastewater (Oil/Water) Separator Process Unit Turnarounds Leaks: General Requirements Monitoring Program Plan for Leaks Monitoring Program for Leaks Recordkeeping for Leaks Reporting for Leaks Alternative Program for Leaks Sealing Device Requirements Compliance Schedule for Leaks Compliance Dates (Repealed) PART S: RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS Manufacture of Pneumatic Rubber Tires Green Tire Spraying Operations

219.466 Compliance Plan (Repealed)

SUBPART T: PHARMACEUTICAL MANUFACTURING

	SOUPART I. FIRMWACEOTICAL MANOTACIONING
Section	
219.480	Applicability
219.481	Control of Reactors, Distillation Units, Crystallizers,
219.401	
	Centrifuges and Vacuum Dryers
219.482	Control of Air Dryers, Production Equipment Exhaust
	Systems and Filters
219.483	Material Storage and Transfer
219.484	In-Process Tanks
219.485	Leaks
219.486	
219.487	Testing
219.488	Monitoring for Air Pollution Control Equipment
219.400	Recordkeeping for Air Pollution Control Equipment
219.489	RecordReeping for Air Politicion Concrot Equipment
	SUBPART V: AIR OXIDATION PROCESSES
Section	
219.521	Definitions (Repealed)
219.525	Emission Limitations for Air Oxidation Processes
219.526	Testing and Monitoring
219.527	Compliance Date (Repealed)
	Companies (Mopenies)
	SUBPART W: AGRICULTURE
Section	
	Dostinido Dynamtica
219.541	Pesticide Exception
	SUBPART X: CONSTRUCTION
Section	
219.561	Architectural Coatings
	Paving Operations
219.563	
213.000	
	SUBPART Y: GASOLINE DISTRIBUTION
Section	
	Bulk Gasoline Plants
219.581	
219.582	Bulk Gasoline Terminals
219.583	Gasoline Dispensing Facilities - Storage Tank Filling
	Operations
219.584	Gasoline Delivery Vessels
219.585	Gasoline Volatility Standards
219.586	Gasoline Dispensing Operations - Motor Vehicle Fueling
	Operations (Repealed)

SUBPART Z: DRY CLEANERS

Section

219.601 219.602 219.603 219.604 219.605 219.606 219.607 219.608 219.609 219.610	Exception to Compliance Plan (Repealed) Standards for Petroleum Solvent Dry Cleaners Operating Practices for Petroleum Solvent Dry Cleaners Program for Inspection and Repair of Leaks Testing and Monitoring
219.611 219.612 219.613	Exemption for Petroleum Solvent Dry Cleaners Compliance Dates (Repealed) Compliance Plan (Repealed)
	SUBPART AA: PAINT AND INK MANUFACTURING
Section	
219.620	Applicability
219.621	Exemption for Waterbase Material and Heatset-Offset Ink
219.623	Permit Conditions
219.624	· · · · · · · · · · · · · · · · ·
219.625 219.626	Grinding Mills Storage Tanks
219.628	
219.630	
219.636	. =
219.637	Recordkeeping and Reporting
	SUBPART BB: POLYSTYRENE PLANTS
Section	
219.640	Applicability
219.642	Emissions Limitation at Polystyrene Plants
219.644	Emissions Testing
219.875	
219.877	
219.879	Compliance Date (Repealed)
219.881	Compliance Plan (Repealed)
219.883 219.886	Special Requirements for Compliance Plan (Repealed) Emissions Testing (Renumbered)
•	SUBPART PP: MISCELLANEOUS FABRICATED PRODUCT MANUFACTURING PROCESSES
Section 219.920	Applicability
219.923	Permit Conditions
219.926	Control Requirements
219.927	Compliance Schedule
219.928	Testing

SUBPART QQ: MISCELLANEOUS FORMULATION MANUFACTURING PROCESSES

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

SUBPART RR: MISCELLANEOUS ORGANIC CHEMICAL MANUFACTURING PROCESSES

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

SUBPART TT: OTHER EMISSION UNITS

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

SUBPART UU: RECORDKEEPING AND REPORTING

Section
219.990 Exempt Emission Units
219.991 Subject Emission Units

Section 219.Appendix A: List of Chemicals Defining Synthetic

Organic Chemical and Polymer

Manufacturing

Section 219. Appendix B: VOM Measurement Techniques for Capture

Efficiency

Section 219. Appendix C: Reference Test Methods For Air Oxidation

Processes

Section 219.Appendix D: Coefficients for the Total Resource Effectiveness Index (TRE) Equation

AUTHORITY: Implementing Section 10 and authorized by Section 28.5 of the Environmental Protection Act (Ill. Rev. Stat. 1991, ch. 111½, par. 1010) (P.A. 87-1213, effective September 26, 1992) [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 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	 Ill.	Reg.
		, effec	ctive	3				•		

SUBPART Y: GASOLINE DISTRIBUTION

Section 219.586 Gasoline Dispensing Operations - Motor Vehicle Fueling Operations (Repealed)

- a) For the purposes of this Section, the following definitions apply.
 - 1) Average monthly volume means the amount of motor vehicle fuel dispensed per month from a gasoline dispensing operation based upon a monthly average for the 2-year period of November, 1990 through October, 1992 or, if not available, the monthly average for the most recent twelve calendar months. Monthly averages are to include only those months when the operation was operating.
 - 2) Certified means any vapor collection and control system which has been tested and approved by CARB as having a vapor recovery and removal efficiency of at least 95% (by weight) shall constitute a certified vapor collection and control system. CARB testing and approval is pursuant to the CARB manual, incorporated by reference at 219.112 of this Part.
 - 2) Completion of installation means the successful passing of one or more of the following tests applicable to the installed vapor collection and control system: Dynamic Backpressure Test, Pressure Decay/Leak Test, and Liquid Blockage Test, incorporated by reference at 219.112 of this Part.
 - 4) Constructed means fabricated, erected or installed; refers to any facility, emission source or air pollution control equipment.
 - 5) CARB means California Air Resources Board, P.O. Box 2815, Sacramento, CA 95812.
 - 6) Employee means any person who performs work for an employer.
 - 7) Operation means any building, structure, installation, operation or combination thereof located on contiguous properties and under common ownership that provides for the dispensing of motor vehicle fuel.

- 8) Gasoline dispensing operation means any operation where motor vehicle fuel is dispensed into motor vehicle fuel tanks or portable containers from a storage tank with a capacity of 2176 liters (575 gallons) or more.
- 9) Modification means any change, removal or addition, other than an identical replacement, of any component contained within the vapor collection and control system.
- 10) Motor vehicle means any self-propelled vehicle powered by an internal combustion engine including, but not limited to, automobiles and trucks. Specifically excluded from this definition are watercraft and aircraft.
- 11) Motor vehicle fuel means any petroleum distillate having a Reid vapor pressure of more than 27.6 kilopascals (kPa) (four pounds per square inch) and which is used to power motor vehicles.
- 12) Owner or operator means any person who owns, leases, operates, manages, supervises or controls (directly or indirectly) a gasoline dispensing operation.
- 13) Reid vapor pressure for gasoline, shall be measured in accordance with either the 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 references in 35 Ill. Adm. Code 219.112 of this Part.
- 14) Vapor collection and control system means any system certified by CARB which limits the discharge to the atmosphere of motor vehicle fuel vapors displaced during the dispensing of motor vehicle fuel into motor vehicle fuel tanks.
- b) The provisions of subsection (c) below shall apply to any gasoline dispensing operation which dispenses an average monthly volume of more than 10,000 gallons of motor vehicle fuel per month. Compliance shall be demonstrated in accordance with the schedule provided in subsection (d) below.
- c) No owner or operator of a gasoline dispensing operation subject to the requirements of subsection (b) above shall cause or allow the dispensing of motor vehicle fuel at any time from a motor fuel dispenser unless the dispenser is equipped with and utilizes a

vapor collection and control system which is properly installed and operated as provided below:

- 1) Any vapor collection and control system installed, used or maintained has been CARB certified.
- 2) Any vapor collection and control system utilized is maintained in accordance with the manufacturer's specifications and the certification.
- No elements or components of a vapor collection and control system are modified, removed, replaced or otherwise rendered inoperative in a manner which prevents the system from performing in accordance with its certification and design specifications.
- 4) A vapor collection and control system has no defective, malfunctioning or missing components.
- 5) Operators and employees of the gasoline dispensing operation are trained and instructed in the proper operation and maintenance of a vapor collection and control system.
- 6) Instructions are posted in a conspicuous and visible place within the motor fuel dispensing area and describe the proper method of dispensing motor vehicle fuel with the use of the vapor collection and control system.
- d) In conjunction with the compliance provisions of Section 219.105 of this Part, operations subject to the requirements of subsection (c) above shall demonstrate compliance according to the following:
 - 1) Operations that commenced construction after November 1, 1990, must comply by May 1, 1993.
 - [BOARD NOTE: The Board adopted an emergency rule in R93-12, extending the compliance date in Section 219.586(d)(1)from May 1, 1993 to October 15, 1993. This emergency rule became effective on May 24, 1993 and will expire on October 21, 1993.]
 - 2) Operations that commenced construction before November 1, 1990, and dispense an average monthly volume of more than 100,000 gallons of motor fuel per month must comply by November 1, 1993.
 - 3) Operations that commenced construction before November 1, 1990, and dispense an average monthly

- volume of less than 100,000 gallons of motor fuel per month must comply by November 1, 1994.
- 4) New operations constructed after the adoption of this Section shall comply with the requirements of subsection (c) above upon startup of the operation.
- 5) Existing operations previously exempted from but which become subject to the requirements of subsection (c) above after May 1, 1993 shall comply with the requirements of subsection (c) above within six calendar months of the date from which the operation becomes subject.
- e) Any gasoline dispensing operation that becomes subject to the provisions of subsection (c) above at any time shall remain subject to the provisions of subsection (c) above at all times.
- f) Upon request by the Agency, the owner or operator of a gasoline dispensing operation which claims to be exempt from the requirements of this Section shall submit records to the Agency within 30 calendar days from the date of the request which demonstrate that the gasoline dispensing operation is in fact exempt.
- q) Recordkeeping and reporting:
 - 1) Any gasoline dispensing operation subject to subsection (c) above shall retain at the operation copies of the registration information required at subsection (h) below.
 - 2) Records and reports required pursuant to this subsection shall be made available to the Agency upon request. Records and reports which shall be maintained by the owner or operator of the gasoline dispensing operation shall clearly demonstrate:
 - A) That a certified vapor collection and control system has been installed and tested to verify its performance according to its specifications.
 - B) That proper maintenance has been conducted in accordance with the manufacturer's specifications and requirements.
 - C) The time period and duration of all malfunctions of the vapor collection and control system.

- D) The motor vehicle fuel throughput of the operation for each calendar month of the previous year.
- E) That operators and employees are trained and instructed in the proper operation and maintenance of the vapor collection and control system and informed as to the potential penalties associated with the violation of any provision of this Section.
- h) Any gasoline dispensing operation subject to subsection (c) above shall be exempt from the permit requirements specified under 35 Ill. Adm. Code 201.142, 201.143 and 201.144 for its vapor collection and control systems, provided that:
 - Upon the installation of a vapor collection and 1) control system, the owner or operator of the gasoline dispensing operation submits to the Agency a registration which provides at minimum the operation name and address, signature of the owner or operator, the CARB Executive Order Number for the vapor collection and control system to be utilized, the number of nozzles (excluding diesel or kerosene) used for motor vehicle refueling, the monthly average volume of motor vehicle fuel dispensed, the location (including contact person's name, address, and telephone number) of records and reports required by this Section, and the date of completion of installation of the vapor collection and control system.
 - 2) The registration is submitted to the Agency within 30 days of completion of such installation.
 - 3) A copy of the registration information is maintained at the gasoline dispensing operation.
 - 4) Upon the modification of an existing vapor collection and control system, the owner or operator of the gasoline dispensing operation submits to the Agency a registration that details the changes to the information provided in the previous registration of the vapor collection and control system and which includes the signature of the owner or operator. The registration must be submitted to the Agency within 30 days of completion of such modification.

(Source:	Repealed	at		Ill.	Reg.	 effective
			.)			

IT IS SO ORDERED.

I, Dorothy M. Gunn, Board, hereby certify th	at the above	oninion and order	. was
Board, Hereby octory			1003 hv
adopted on the	day of	/ Jonemus	_, 1995, Dg
		(
a vote of $6-0$.			

Dorothy M. Gunn, Clerk Illinois Pollution Control Board