

## PART 212

## GENERAL PROCESS EMISSION SOURCES

(Statutory authority: Environmental Conservation Law, §§ 3-0301, 19-0301, 19-0303)

Sec.	Sec.
212.1 Definitions	212.6 Opacity of emissions limited
212.2 Determination of environmental rating	212.7 Exceptions
212.3 Emissions from existing emission sources	212.8 Compliance schedules
212.4 Emissions from new emission sources and/or modifications	212.9 Tables
212.5 Determining applicable emission stand- ards	212.10 Reasonably available control technology for major facilities
	212.11 Sampling and monitoring

## Historical Note

Part (§§ 212.1-212.10) renum. Part 378, Title 9, filed Sept. 1971; new (§§ 212.1-212.4) filed April 28, 1972; repealed, new (§§ 212.1-212.8) filed April 27, 1973; Oct. 16, 1985 eff. Nov. 15, 1985. Amended Part title.

**Section 212.1 Definitions.** (a) For the purpose of this Part, the general definitions in Part 200 of this Title apply.

(b) For the purpose of this Part, the following definitions also apply:

(1) *Emission rate potential.* The maximum rate at which a specified air contaminant from an emission source would be emitted to the outdoor atmosphere in the absence of any control equipment. The emission rate potential of a specified air contaminant from an emission source is calculated by dividing the weight of such contaminant (expressed in pounds) that would be emitted to the outdoor atmosphere during maximum emission conditions in the absence of any control equipment, by the duration (expressed in hours) of such emissions. When an air contaminant is emitted for a period equal to or less than one hour, the emission rate potential is the weight of the contaminant emitted in the absence of any control equipment, divided by one hour, except that for any toxic air contaminant specified by the commissioner, the duration of emissions used in calculating the emission rate potential may be less than one hour. The maximum emission rate used for calculating the emission rate potential is not the emission rate during catastrophic or emergency conditions.

(2) *Environmental rating.* A rating assigned by the department indicated by the letter A, B, C or D, which considers the potential environmental effects of an air contamination source on its surroundings.

(3) *Lower Orange County metropolitan area.* The area including the towns of Blooming Grove, Chester, Highlands, Monroe, Tuxedo, Warwick, and Woodbury.

(4) *New York City metropolitan area.* All of the city of New York, and Nassau, Suffolk, Westchester and Rockland Counties.

(5) *Overall removal efficiency.* The total reduction of volatile organic compound emissions considering the efficiency of both the capture system and of the subsequent destruction and/or removal of these air contaminants by the control equipment prior to their release into the atmosphere.

(6) *Potential to emit.* The maximum capacity of an air contamination source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restriction on the hours of operation, or on the type or amount of material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in

enforceable permit conditions. Fugitive emissions, to the extent that they are quantifiable, are included in determining the potential to emit.

(7) *Process*. Any industrial, commercial, agricultural or other activity, operation, manufacture or treatment in which chemical, biological and/or physical properties of the material or materials are changed, or in which the material(s) is conveyed or stored without changing the material(s) (where such conveyance or storage system is equipped with a vent(s) and is non-mobile), and which emits air contaminants to the outdoor atmosphere. Processes do not include open fires, operation of combustion installations, and incineration of refuse other than by-products or wastes from processes.

(8) *Process weight*. The total weight of all materials introduced into a process which may cause air contaminant emissions to the outdoor atmosphere. Solid fuel used in a process is considered part of the process weight, but liquid and/or gaseous fuel, uncombined water and combustion air are not.

(9) *Process weight per hour*. The total process weight for any emission source divided by the number of hours during which air contaminants are emitted by such source to the outdoor atmosphere. For continuous processes, process weight should be determined on a daily basis.

(10) *Reasonably available control technology (RACT)*. Lowest emission limit that a particular source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility.

#### Historical Note

Sec. renum. 378.1, Title 9, filed Sept. 1971; new filed April 28, 1972; repealed, new filed April 27, 1973; repealed, filed Feb. 22, 1979; new added by renum. and amd. 212.2, filed Oct. 16, 1985; renum. 212.2, new filed Aug. 23, 1994 eff. 30 days after filing.

**212.2 Determination of environmental rating.** When an application is made for a permit to construct or for a certificate to operate for a process emission source, the commissioner will issue an environmental rating for each air contaminant from each emission point in accordance with Table 1 of this Part.

#### Historical Note

Sec. amd. filed July 11, 1967; renum. 378.2, Title 9, filed Sept. 1971, new filed April 28, 1972; repealed, new filed: May 17, 1972; May 27, 1973; amd. filed Feb. 22, 1979; renum. 212.1, new added by renum. and amd. 212.3, filed Oct. 16, 1985; renum. 212.3, new added by renum. 212.1, filed Aug. 23, 1994 eff. 30 days after filing.

**212.3 Emissions from existing emission sources.** Emissions of air contaminants to the outdoor atmosphere from any process emission source are restricted as follows:

(a) No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3 or Table 4 of this Part for the environmental rating issued by the commissioner; or

(b) In instances where determination of permissible emission rate using process weight is not applicable (see Table 5) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

#### Historical Note

Sec. renum. 378.3, Title 9, filed Sept. 1971; new filed April 28, 1971; repealed, new filed April 27, 1973; amd. filed Feb. 22, 1979; renum. 212.2, new added by renum. and amd. 212.4, filed Oct. 16, 1985; renum. 212.4, new added by renum. and amd. 212.2, filed Aug. 23, 1994 eff. 30 days after filing.

**212.4 Emissions from new emission sources and/or modifications.** Emissions from any process emission source for which an application for a permit to construct is received by the department after July 1, 1973, are restricted as follows:

(a) except as required under section 201.8 of this Title, no person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3 or Table 4 of this Part for the environmental rating issued by the commissioner; or

(b) for gases and liquid particulates with an environmental rating of A, B or C, and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner; or

(c) in instances where determination of permissible emission rate using process weight is not applicable (see Table 5) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except as provided in section 201.6 of this Title.

**Historical Note**

Sec. renum. 378.4, Title 9, filed Sept. 1971; new filed April 28, 1972; repealed, new filed April 27, 1973; amd. filed Feb. 22, 1979; renum. 212.3, new added by renum. and amd. 212.5, filed Oct. 16, 1985; renum. 212.5, new added by renum. 212.3, filed Aug. 23, 1994 eff. 30 days after filing.

**212.5 Determining applicable emission standards.** (a) Where air contaminants from two or more devices or contrivances are emitted to the outdoor atmosphere through a single emission point, the permissible emission rate or degree of air cleaning required is determined by using the sum of the process weights or emission rate potentials for all such devices or contrivances.

(b) Where air contaminants from a single device or contrivance are emitted to the outdoor atmosphere through more than one emission point, the sum of the emissions from all such emission points shall not exceed the quantity that would be permitted if said emissions were through a single emission point.

(c) Where air contaminants from two or more devices or contrivances are emitted to the outdoor atmosphere through a single emission point and the applicable emission standard for one or more of such devices or contrivances if vented separately to the outdoor atmosphere is a concentration standard (grains per standard cubic foot), the permissible emission rate through such emission point shall not exceed the quantity that would be allowed if said emissions were through separate emission points.

(d) Where a source owner can demonstrate to the satisfaction of the commissioner that he will apply best available control technology, the commissioner may specify a less restrictive permissible emission rate, emission standard or degree of air cleaning for such source than required under this Part provided that the less restrictive requirement is equivalent to that which can be achieved through the application of best available control technology.

(e) A process emission source, subject to the Federal new source performance standards in 40 CFR part 60, the national emission standards for hazardous air pollutants in 40 CFR part 61, or to the polychlorinated biphenyl disposal criteria in 40 CFR part 761 satisfies the requirements of this Part for the contaminant regulated by the Federal standard if the source owner can demonstrate that the source is in compliance with the respective Federal regulation.

(f) Owners and/or operators of facilities which have limited the facility's annual potential to emit nitrogen oxides or volatile organic compounds below applicability levels through federally and state enforceable special conditions in permits to construct

and/or certificates to operate under the provisions of section 212.10(d) of this Part must maintain annual actual emissions below these limitations. Nitrogen oxide and volatile organic compound emission points at these facilities are not subject to the control requirements in section 212.9(b) of this Part if the emissions are not given an A rating.

**Historical Note**

Sec. repealed, new filed Dec. 24, 1970; renum. 378.5, Title 9, filed Sept. 1971; new filed April 27, 1973; amd. filed Feb. 22, 1979; renum. 212.4, new added by renum. and amd. 212.7, filed Oct. 16, 1985; renum. 212.6, new added by renum. and amd. 212.4, filed Aug. 23, 1994 eff. 30 days after filing.

**212.6 Opacity of emissions limited.** (a) No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

(b) Upon written application by a source owner or operator, the commissioner, at his discretion may accept for an emission source an equivalent opacity standard exceeding the opacity standard of subdivision (a) of this section, if the source owner can demonstrate through acceptable tests for such source that he is in compliance with all applicable emission requirements other than the opacity standard and that the source and any associated emission control equipment is being operated and maintained in a manner acceptable to the commissioner. An equivalent opacity standard for an emission source will only be granted where reasonably available control technology, as determined by the commissioner, has been utilized. In such cases, the source owner or operator will not cause or allow emissions to exceed the equivalent opacity.

**Historical Note**

Sec. renum. 378.6, Title 9, filed Sept. 1971; new filed April 27, 1973; repealed, filed Feb. 22, 1979; new added by renum. and amd. 212.8, filed Oct. 16, 1985; renum. 212.7, new added by renum. 212.5, filed Aug. 23, 1994 eff. 30 days after filing.

**212.7 Exceptions.** The following process emission sources are not subject to the provisions of this Part:

- (a) process emission sources which are exempt under section 201.6 of this Title;
- (b) kilns and clinker coolers in portland cement plants subject to Part 220 of this Title with respect to emissions which are not given an A rating;
- (c) ferrous jobbing foundry melting furnaces in operation on or prior to February 6, 1968 with respect to particulate emissions only;
- (d) by-product coke oven batteries subject to Part 214 of this Title with respect to emissions which are not given an A rating;
- (e) gasoline, petroleum, and volatile organic liquid storage and transfer facilities subject to Part 229 or Part 230 of this Title, with respect to volatile organic compound emissions which are not given an A rating;
- (f) process emission sources other than kilns and clinker coolers in a portland cement plant with respect to opacity of emissions only;
- (g) process emission sources in a sulfuric or nitric acid plant which are regulated by Part 224 of this Title with respect to emissions of nitrogen oxides, oxides of sulfur, sulfuric acid mist and smoke;
- (h) process emission sources in a petroleum refinery subject to Part 223 of this Title with respect to sulfur compound emissions and emissions of volatile organic compounds which are not given an A rating;
- (i) process emission sources from which emissions of oxides of sulfur are attributable only to sulfur in fuel with respect to emissions of oxides of sulfur;

(j) solvent metal cleaning processes subject to Part 226 of this Title with respect to emissions of volatile organic compounds which are not given an A rating;

(k) iron and/or steel processes subject to Part 216 of this Title;

(l) surface coating operations subject to Part 228 of this Title or coatings exempt from Part 228 pursuant to section 228.1(h) of this Title with respect to emissions of volatile organic compounds which are not given an A rating;

(m) process emission sources with respect to emissions of carbon monoxide and volatile organic compounds produced solely by incomplete combustion of any fuel, except where material is heated, burned, combusted or otherwise chemically changed under oxygen deficient conditions by design;

(n) perchloroethylene dry cleaning facilities subject to Part 232 of this Title;

(o) pharmaceutical and cosmetic manufacturing processes subject to Part 233 of this Title or process exempt from Part 233 pursuant to section 233.1(g) of this Title with respect to emissions of volatile organic compounds which are not given an A rating;

(p) graphic arts processes subject to Part 234 of this Title or inks exempt from Part 234 pursuant to section 234.1(h) of this Title with respect to emissions of volatile organic compounds which are not given an A rating;

(q) primary aluminum reduction plant processes subject to Part 209 of this Title with respect to opacity and emissions of total fluorides; and

(r) process emission sources with respect to emissions of nitrogen oxides produced by catalytic oxidizers used as air pollution control equipment.

#### Historical Note

Sec. renum. 378.7, Title 9, filed Sept. 1971; new filed April 27, 1973; amds. filed: Feb. 22, 1979; July 12, 1983; renum. 212.5, new filed Oct. 16, 1985, repealed, new added by renum. and amd. 212.6, filed Aug. 23, 1994 eff. 30 days after filing.

**212.8 Compliance schedules.** (a) Process emission sources which commence construction before November 16, 1985 in the New York City metropolitan area which are subject to Table 3 of this section are required to comply with the applicable standard within six months after the expiration date of the last certificate to operate issued prior to November 15, 1985. Process emission sources which commence construction after November 15, 1985 in the New York City metropolitan area which are subject to Table 3 (section 212.9[c]) of this Part must comply with the applicable standard upon start-up.

(b) An application for a certificate to operate for process emission sources at bakeries subject to this Part must be submitted to the department by October 20, 1994.

#### Historical Note

Sec. renum. 378.8, Title 9, filed Sept. 1971; new filed April 27, 1973; amds. filed: Feb. 22, 1979; April 10, 1981; July 12, 1983; April 10, 1984; renum. 212.6, filed Oct. 16, 1985; amd. filed Aug. 23, 1994 eff. 30 days after filing eff. 30 days after filing.

### 212.9 Tables. (a) Table 1.

#### ENVIRONMENTAL RATING

Rating	Criteria
A	An air contaminant whose discharge results, or may result, in serious adverse effects on receptors or the environment. These effects may be of a health, economic or aesthetic nature or any combination of these.

- B An air contaminant whose discharge results, or may result in only moderate and essentially localized effects; or where the multiplicity of sources of the contaminant in any given area require an overall reduction of the atmospheric burden of that contaminant.
- C An air contaminant whose discharge may result in localized adverse effects of an aesthetic or nuisance nature.
- D An air contaminant whose discharge will not result in measurable or observable effects on receptors, nor add to an existing or predictable atmospheric burden of that contaminant which may cause adverse effects, considering properties and concentrations of the emissions, isolated conditions, stack height and other factors.

The following items will be considered in making a determination of the environmental rating to be applied to an air contaminant:

- a) toxic and other properties and emission rate potential of the air contaminant;
- b) location of the source with respect to residences or other sensitive environmental receptors, including a consideration of the area's anticipated growth;
- c) emission dispersion characteristics at or near the source, taking into account the physical location of the source relative to surrounding buildings and terrain; and
- d) the projected maximum cumulative impact of taking into account emissions from all sources in the facility under review and the pre-existing ambient concentration of the air contaminant under review.

(b) Table 2.

**Degree of Air Cleaning Required  
for  
Gaseous and Liquid Particulate Emissions (Environmental Rating A, B, C or D)  
and  
Solid Particulate Emissions (Environmental Rating A or D)  
but excluding  
Volatile Organic Compound Emissions in the New York City Metropolitan Area\***

Environmental rating	EMISSION RATE POTENTIAL (LB/HR)									
	Less than 1.0	1 to 10	10 to 20	20 to 100	100 to 500	500 to 1,000	1,000 to 1,500	1,500 to 4,000	4,000 to 10,000	10,000 and greater
A	**									
B	**	90%	91%	94%	96%	96%	97%	98%	98%	99% or greater
C	**	70%	70%	85%	90%	90%	93%	96%	96%	98% or greater
D		NO AIR CLEANING REQUIRED								

\* See Table 3 of this Part for degree of air cleaning required for volatile organic compound emissions in the New York City Metropolitan Area.  
 \*\* Degree of air cleaning required shall be specified by the commissioner.

(c) Table 3

**Degree of Air Cleaning Required  
for  
Process Emission Sources Emitting Volatile Organic Compounds  
in the  
New York City Metropolitan Area**

Environmental rating	EMISSION RATE POTENTIAL (LB/HR)		Degree of Air Cleaning Required
	Less than 1.0	1.0 to 3.5	
A	*	90% OR GREATER OR BEST AVAILABLE CONTROL TECHNOLOGY	REASONABLY AVAILABLE CONTROL TECHNOLOGY
B or C	*	*	REASONABLY AVAILABLE CONTROL TECHNOLOGY
D		NO AIR CLEANING REQUIRED	REASONABLY AVAILABLE CONTROL TECHNOLOGY

\* Degree of air cleaning required will be specified by the commissioner.

(d) Table 4.

**Permissible Emission Rates Based on Process Weight  
for  
Solid Particulate Emissions (Environmental Rating B or C)**

<i>Process weight per hour (lb/hr)</i>	<i>Existing source</i>	<i>Permissible emission rate (lb/hr) New source or modification</i>
100	0.51	0.51
500	1.5	1.5
1,000	2.4	2.4
5,000	6.8	6.8
10,000	11	11
25,000	20	20
50,000	32	32
75,000	42	42
100,000	51	51
250,000	58	0.030 grain per standard cubic foot of undiluted exhaust gas on a dry basis.
500,000	64	
750,000	68	
1,000,000	71	
2,000,000	78	
5,000,000	88	

To determine values of permissible emission rate not shown in table:

for all process weight sources up to 100,000 lb/hr, use  $E = 0.024P^{0.4}$

for existing process weight sources in excess of 100,000 lb/hr, use  $E = 39P^{0.027}$  where  
E = permissible emission rate; P = process weight in lb/hr.

(e) Table 5.

**Processes for which Permissible Emission Rate is Based on Process Weight**

- a. Stone dryers (asphalt concrete plants)
- b. Expanded aggregate kilns (lightweight aggregate plants)
- c. Continuous process material dryers emitting solid particulates and water only
- d. Brass and bronze melting furnaces
- e. Ferro alloy production furnaces
- f. Lime kilns
- g. Glass production furnaces
- h. Graphitizing and silicon carbide furnaces
- i. Gypsum dryers
- j. Primary aluminum reduction furnaces

**Historical Note**

Sec. renum. 378.9, Title 9, filed Sept. 1971; new filed Feb. 22, 1979; amd. filed Oct. 16, 1985 eff. 30 days after filing.

**212.10 Reasonably available control technology for major facilities.**

(a) (1) Owners and/or operators of facilities located in the lower Orange County or New York City metropolitan areas with an annual potential to emit of 25 tons or more of nitrogen oxides or 25 tons or more of volatile organic compounds must comply with the requirements of this section.

(2) Owners and/or operators of facilities located outside of the lower Orange County and New York City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must comply with the requirements of this section.

(3) Owners and/or operators of facilities located in the lower Orange County or New York City metropolitan areas with an annual potential to emit of 25 tons or more of nitrogen oxides or facilities located outside of the lower Orange County or New York City metropolitan areas with an annual potential to emit 100 tons or more of nitrogen oxides may petition the Environmental Protection Agency (EPA) for an exemption from the reasonably available control technology requirements for nitrogen oxide emission points in this section. The facility is eligible for the exemption if the owner and/or operator demonstrates that net ozone air quality benefits are greater in the absence of reductions of nitrogen oxides from the facility. Nothing in this paragraph shall exempt owners and/or operators of facilities which petition the Environmental Protection Agency for an exemption from complying with the applicable requirements of this section by the May 31, 1995 deadline absent approval of the exemption.

(b) Owners and/or operators of emission points subject to this Part which emit nitrogen oxides or volatile organic compounds located at facilities described in subdivision (a) of this section must submit a compliance plan to the department by October 20, 1994. The compliance plan must either include the reasonably available control technology (RACT) analysis required by subdivision (c) of this section or a plan to limit the annual potential to emit below the applicability levels pursuant to subdivision (d) of this section.

(c) (1) The compliance plan must identify reasonably available control technology (RACT) for each emission point which emits nitrogen oxides for major nitrogen oxide facilities or volatile organic compounds for major volatile organic compound facilities. The compliance plan must identify the emission points which do not employ reasonably available control technology (RACT), and a schedule for implementation of RACT must be included in the plan. A RACT analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour and actual emissions in the absence of control equipment less than 15.0 pounds per day at facilities located in the lower Orange County and New York City metropolitan areas. A RACT analysis is not required for emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas. Reasonably available control technology as approved by the department must be implemented on each emission point subject to this section by May 31, 1995.

(2) Compliance plans which include construction of emission control equipment must include a milestone date no later than December 20, 1994 for submission of permit to construct applications to the department for emission control equipment. The compliance plans must include milestone dates for commencement of construction, completion of construction, and completion of emissions testing of emission control equipment.

(3) Reasonably available control technology compliance plans for nitrogen oxide emission points must include technically feasible control strategies to minimize nitrogen oxide formation and emission control equipment alternatives. These process specific RACT demonstrations which are acceptable to the department will be submitted to the United States Environmental Protection Agency for approval as a revision to the State Implementation Plan by the department.

(4) (i) Volatile organic compound emission points which are equipped with a capture system and a control device with an overall removal efficiency of at least 81 percent are equipped with reasonably available control technology.

(ii) Surface coating processes which are not subject to Part 228 of this Title which use a surface coating with a maximum volatile organic compound content of 3.5 pounds VOC per gallon as applied (minus water and excluded VOC) as calculated according to the formula in section 228.2(b)(11) of this Title are equipped with reasonably available control technology.

(iii) Where the facility owner or operator can show to the satisfaction of the department that an emission point cannot achieve an overall removal efficiency of 81 percent or use coatings not exceeding 3.5 pounds VOC per gallon as applied (minus water and excluded VOC) for reasons of technological or economic feasibility, the department may accept a lesser degree of control upon submission of satisfactory evidence that the facility owner or operator will apply reasonably available control technology. These process specific RACT demonstrations which are acceptable to the department will be submitted to the United States Environmental Protection Agency for approval as a revision to the State Implementation Plan by the department.

(d) The owner or operator of any facility with federally and state enforceable conditions in certificates to operate which limit its annual potential to emit nitrogen oxides and volatile organic compounds below the applicability levels of subdivision (a) of this section by May 31, 1995 is exempt from the RACT analysis and implementation requirements of this section. Records must be maintained by the owner or operator at the facility on a monthly basis which verify the facility's annual actual emissions. Upon reasonable request, these records must be submitted to the department in a format acceptable to the department. An exceedance of the annual potential to emit conditions for any calendar year must be reported by the owner or operator to the department within 30 days of the end of that calendar year.

(e) Any facility that is subject to this section after May 31, 1995 will remain subject to these provisions even if the annual potential to emit nitrogen oxides or volatile organic compounds later fall below the applicability threshold.

(f) Owners and/or operators of emission points located at facilities described in subdivision (a) of this section which commence construction after August 15, 1994 must submit a RACT demonstration for nitrogen oxides and volatile organic compound emissions with each application for a permit to construct. Reasonably available control technology must be implemented on these emission points when operation commences. A RACT analysis is not required for new emission points with nitrogen oxide and volatile organic compound emission rate potentials less than 3.0 pounds per hour and actual emissions in the absence of control equipment less than 15.0 pounds per day at facilities located outside of the lower Orange County and New York City metropolitan areas.

#### Historical Note

Sec. filed July 11, 1967; renum. 878.10, Title 9, filed Sept. 1971; new filed Aug. 23, 1994 eff. 30 days after filing.

**212.11 Sampling and monitoring.** (a) Owners and/or operators of any source which is required by the department to demonstrate compliance with this Part must comply with the notification requirements and must conduct capture efficiency and/or stack emissions testing using acceptable procedures pursuant to Part 202 of this Title.

(b) Owners and/or operators of any source equipped with the following emissions control equipment must install continuous monitors and data recorders for the required parameter by June 1, 1995. Continuous monitors must be operated at all times when the associated process equipment is operating except during any quality assurance and routine maintenance activities. Each monitor must be operated according to a quality assurance program approved by the department. Alternative monitoring methods may be employed subject to department approval.

(1) The exhaust gas temperature must be monitored from thermal or catalytic incinerators.

(2) The temperature rise across catalytic incinerator beds must be monitored.

(3) The volatile organic compound outlet concentrations must be monitored from fixed-bed carbon adsorption units.

(4) The outlet gas temperature must be monitored from refrigerated condensers.

(5) Other parameters must be monitored if required by conditions on the permit to construct or certificate to operate for the source.

(c) For the purpose of ascertaining compliance with this Part, the department may obtain or require the owner or operator of a process emission source to provide a sample of any type 5 or 6 refuse (see Table 1 of Appendix 2 of Part 219 of this Title for classifications of refuse) where such refuse is an input material of the process.

**Historical Note**

Sec. filed July 11, 1967; repealed, filed Dec. 24, 1970; new filed Aug. 23, 1994 eff. 30 days after filing.