

TABLE 52.2920—EPA APPROVED COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS REGULATIONS—Continued

State citation	Title/subject	Effective date	EPA approval date	Explanation
Part I .....	Authority .....	01/19/1987	11/13/1987, 52 FR 43574	
Part II .....	Purpose and Policy .....	01/19/1987	11/13/1987, 52 FR 43574	
Part III .....	Policy .....	01/19/1987	11/13/1987, 52 FR 43574	
Part IV .....	Definitions (a—www) .....	01/19/1987	11/13/1987, 52 FR 43574	
Part V .....	Permitting of New Sources And Modifications (A—M).	01/19/1987	11/13/1987, 52 FR 43574	
Part VI .....	Registration of Existing Sources (A—D)	01/19/1987	11/13/1987, 52 FR 43574	
Part VII .....	Sampling, Testing and Reporting Methods (A—D).	01/19/1987	11/13/1987, 52 FR 43574	
Part IX .....	Fees (A—B) .....	01/19/1987	11/13/1987, 52 FR 43574	
Part X .....	Public Participation (A-E) .....	01/19/1987	11/13/1987, 52 FR 43574	
Part XI .....	Enforcement (A-E) .....	01/19/1987	11/13/1987, 52 FR 43574	
Part XII .....	Severability .....	01/19/1987	11/13/1987, 52 FR 43574	
Part XIII .....	Effective Date .....	01/19/1987	11/13/1987, 52 FR 43574	
Part XIV .....	Certification .....	01/19/1987	11/13/1987, 52 FR 43574	

(d) EPA approved State source specific requirements.

Name of source	Permit number	Effective date	EPA approval date	Explanation
None				

(e) [Reserved]

[70 FR 44480, Aug. 3, 2005, as amended at 79 FR 22035, Apr. 21, 2014]

**§ 52.2921 Original identification of plan.**

(a) This section identified the original ‘Implementation Plan for Compliance With the Ambient Air Quality Standards for the Commonwealth of the Northern Mariana Islands’ and all revisions submitted by the Commonwealth of the Northern Mariana Islands that were federally approved prior to June 1, 2005.

(b) [Reserved]

(c) The plan revisions described below were officially submitted on the dates specified.

(1) On February 19, 1987 the Governor’s representative submitted regulations adopted as signed on December 15, 1986 and published in the *Commonwealth Register*, Volume 9, Number 1, pages 4862–94, on January 19, 1987, as follows:

(i) *Incorporation by reference.*

(A) ‘CNMI AIR POLLUTION CONTROL REGULATIONS’ pertaining to the preconstruction review of new and modified major sources, as follows.

- Part I—Authority
- Part II—Purpose and Policy
- Part III—Policy
- Part IV—Definitions

- Part V—Permitting of New Sources and Modifications
- Part VI—Registration of Existing Sources
- Part VII—Sampling, Testing and Reporting Methods
- Part IX—Fees
- Part X—Public Participation
- Part XI—Enforcement
- Part XII—Severability
- Part XIII—Effective Date
- Part XIV—Certification

[52 FR 43574, Nov. 13, 1987. Redesignated and amended at 70 FR 44480, Aug. 3, 2005; 79 FR 22035, Apr. 21, 2014]

**§ 52.2922 Significant deterioration of air quality.**

(a) The requirements of sections 160 through 165 of the Clean Air Act are not met, since the plan does not include approvable procedures for preventing the significant deterioration of air quality.

(b) *Regulations for preventing significant deterioration of air quality.* The provisions of § 52.21 except paragraphs (a)(1), (b)(14)(i)(a) and (b), (b)(14)(ii)(a) and (b), (i)(5)(i)(c), and (k)(2) are hereby incorporated and made a part of the applicable plan for the Commonwealth of the Northern Mariana Islands.

(c) For the purposes of applying the requirements of § 52.21 within the Commonwealth of the Northern Mariana Islands, the terms “major source baseline date” and “trigger date” mean January 13, 1997 in the case of sulfur dioxide, PM<sub>10</sub>, and nitrogen dioxide.

[79 FR 22035, Apr. 21, 2014]

§§ 52.2923–52.2999 [Reserved]

APPENDIXES A–C TO PART 52  
[RESERVED]

APPENDIX D TO PART 52—DETERMINATION OF SULFUR DIOXIDE EMISSIONS FROM STATIONARY SOURCES BY CONTINUOUS MONITORS

1. *Definitions.*

1.1 *Concentration Measurement System.* The total equipment required for the continuous determination of SO<sub>2</sub> gas concentration in a given source effluent.

1.2 *Span.* The value of sulfur dioxide concentration at which the measurement system is set to produce the maximum data display output. For the purposes of this method, the span shall be set at the expected maximum sulfur dioxide concentration except as specified under section 5.2, Field Test for Accuracy.

1.3 *Accuracy (Relative).* The degree of correctness with which the measurement system yields the value of gas concentration of a sample relative to the value given by a defined reference method. This accuracy is expressed in terms of error which is the difference between the paired concentration measurements expressed as a percentage of the mean reference value.

1.4 *Calibration Error.* The difference between the pollutant concentration indicated by the measurement system and the known concentration of the test gas mixture.

1.5 *Zero Drift.* The change in measurement system output over a stated period of time of normal continuous operation when the pollutant concentration at the time for the measurement is zero.

1.6 *Calibration Drift.* The change in measurement system output over a stated period of time of normal continuous operation when the pollutant concentration at the time of the measurement is the same known upscale value.

1.7 *Response Time.* The time interval from a step change in pollutant concentration at the input to the measurement system to the time at which 95 percent of the cor-

responding final value is reached as displayed on the measurement system data presentation device.

1.8 *Operational Period.* A minimum period of time over which a measurement system is expected to operate within certain performance specifications without unscheduled maintenance, repair or adjustment.

1.9 *Reference Method.* The reference method for determination of SO<sub>2</sub> emissions shall be Method 8 as delineated in Part 60 of this chapter. The analytical and computational portions of Method 8 as they relate to determination of sulfuric acid mist and sulfur trioxide, as well as isokinetic sampling, may be omitted from the overall test procedure.

2. *Principle and Applicability.*

2.1 *Principle.* Gases are continuously sampled in the stack emissions and analyzed for sulfur dioxide by a continuously operating emission measurement system. Performance specifications for the continuous measurement systems are given. Test procedures are given to determine the capability of the measurement systems to conform to the performance specifications. Sampling may include either the extractive or nonextractive (in-situ) approach.

2.2 *Applicability.* The performance specifications are given for continuous sulfur dioxide measurement systems applied to nonferrous smelters.

3. *Apparatus.*

3.1 *Calibration Gas Mixture.* Mixture of a known concentrations of sulfur dioxide in oxygen-free nitrogen. Nominal volumetric concentrations of 50 percent and 90 percent of span are recommended. The mixture of 90 percent of span is to be used to set and to check the span and is referred to as the span gas. The gas mixtures shall be analyzed by the Reference Method at least two weeks prior to use or demonstrated to be accurate and stable by an alternate method subject to approval of the Administrator.

3.2 *Zero Gas.* A gas containing less than 1 ppm sulfur dioxide.

3.3 Equipment for measurement of sulfur dioxide concentration using the Reference Method.

3.4 *Chart Record.* Analog chart recorder, input voltage range compatible with analyzer system output.

3.5 Continuous measurement system for sulfur dioxide.

4. *Measurement System Performance Specifications.*

The following performance specifications shall be met in order that a measurement system shall be considered acceptable under this method.