

BOARD MEETING DATE: April 3, 2015

AGENDA NO. 27

PROPOSAL: Amend Regulation IX – Standards of Performance for New Stationary Sources, and Regulation X – National Emission Standards for Hazardous Air Pollutants

SYNOPSIS: Amendments to Regulations IX and X are periodically made to incorporate new or amended federal performance standards that have been enacted by U.S. EPA for stationary sources. These standards are currently in effect and enforceable by SCAQMD pursuant to the federal Clean Air Act, regardless of whether SCAQMD incorporates them into Regulations IX and X. The Board has historically adopted NSPS (40 CFR 60) and NESHAPS (40 CFR 61) into Regulations IX and X, by reference, thus providing stationary sources with a single source of information for determining which federal and local requirements apply to their specific operations. The NSPS and NESHAPS actions by U.S. EPA, primarily from July 1, 2011 to December 31, 2014, are proposed for incorporation into Regulations IX and X, respectively, including new performance standards for certain oil and gas operations not covered by previous U.S. EPA regulation. The actions also include amendments to previous provisions of twelve NSPS standards and two NESHAPS standards.

COMMITTEE: Stationary Source, February 20, 2015, Reviewed

RECOMMENDED ACTIONS:

Adopt the attached resolution:

- 1) Determining that the proposed amendments to Regulations IX and X are exempt from the California Environmental Quality Act; and
- 2) Amending Regulation IX – Standards of Performance for New Stationary Sources, and Regulation X – National Emission Standards for Hazardous Air Pollutants

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Executive Officer

Background

U.S. EPA periodically promulgates new or amends existing NSPS and NESHAP federal standards and requirements. NSPS govern the operations of all new, modified, or reconstructed sources of air pollution identified in the Code of Federal Regulations (CFR), Title 40, Chapter I, Subchapter C, Part 60 (40 CFR Part 60). NESHAP govern the operations of new and existing sources specifically identified in the CFR, Title 40, Chapter I, Subchapter C, Part 61 (40 CFR Part 61).

Direct implementation of NSPS and NESHAP requirements at the local level are authorized by U.S. EPA pursuant to §301 in conjunction with §§ 110, 111(c)(1), and 112(d)(1) of the federal Clean Air Act (CAA). As such, SCAQMD's Board initially adopted by reference, various NSPS as Regulation IX and various NESHAP as Regulation X on December 3, 1976. The adoption of NSPS and NESHAP by reference into Regulations IX and X, respectively, provides stationary sources with a single source of information for determining appropriate federal and local requirements for their specific operations. Since sources of air pollution are required to comply with the most stringent federal, state, and local standards, criteria, and requirements set forth in Regulations IX and X as well as other applicable SCAQMD rules, the NSPS and NESHAP standards are in effect and enforceable by SCAQMD regardless of whether SCAQMD incorporates them into Regulations IX and X. The Board has since periodically amended Regulations IX and X to incorporate new or amended standards as necessary. Regulation IX was last amended on April 6, 2012 and Regulation X was last amended on April 4, 2008.

In 1997, U.S. EPA delegated and/or re-delegated its authority to SCAQMD for specific sections of 40 CFR Parts 60 and 61, as listed in the April 23, 1997 Federal Register (FR), Volume 62, No. 78, 19679 – 19682. In 2006, 2007, 2009, 2010, 2011, and 2012, SCAQMD requested U.S. EPA delegation and/or re-delegation of authority for specific sections of 40 CFR Part 60 following Regulation IX amendments.

In addition, the U.S. EPA has established maximum achievable control technology (MACT) standards for new and existing major sources of hazardous air pollutants. The MACT standards are published in CFR, Title 40, Chapter 1, Subchapter C, Part 63 - National Emission Standards for Hazardous Air Pollutants For Source Categories (40 CFR Part 63). The U.S. EPA delegated the authority for the implementation and enforcement of 40 CFR Part 63 to SCAQMD on February 27, 1997. However, SCAQMD has not established a separate regulation to incorporate the MACT standards by reference. Instead, the MACT standards are directly implemented through the SCAQMD's Title V program as adopted and implemented via SCAQMD Regulation XXX – Title V Permits, in accordance with U.S. EPA's federal Title V program requirements in CFR, Title 40, Chapter 1, Subchapter C, Part 70 – State Operating Permit Programs Categories (40 CFR Part 70).

Regulation IX Proposal

The updates included in this proposal reflect federal actions, primarily between July 1, 2011 and December 31, 2014. One new NSPS for VOC emissions was promulgated in 2012 by U.S. EPA for certain oil and gas production activities not covered by previous regulations, such as gas wells, centrifugal and reciprocal compressors, pneumatic controllers, and storage vessels. Additionally, twelve delegable NSPS actions were amended by U.S. EPA during this time period from 2011 to 2014. They are: (1) general provisions; (2) particulate matter (PM) standards at startup and shutdown for steam generating units; (3) oxides of nitrogen (NO_x), sulfur dioxide (SO₂), PM, and opacity limits for hospital/medical/infectious waste incinerators ; (4) PM standards for Portland cement industry; (5) alternative testing for spark ignition internal combustion (IC) engines and time limit related to malfunction of compression ignition IC engines; (6) NO_x limit for process heaters and SO₂ standards for flares at petroleum refineries; (7) PM standards and opacity limits for recovery furnaces, smelt dissolving tanks, and lime kilns at Kraft pulp mills; (8) SO₂ standards for sweetening units and volatile organic compound (VOC) emission leaks at on-shore natural gas processing plants; (9) applicability, definition, and compliance provisions of commercial and industrial solid waste incinerators; (10) flowback provision of gas wells and VOC potential to emit (PTE) of storage vessels from crude oil and natural gas production; (11) test methods and performance specifications for various operations; and (12) quality assurance/quality control for continuous opacity monitoring systems.

In addition, U.S. EPA also included minor revisions and clarifications to various subparts of 40 CFR Part 60. Since U.S. EPA does not delegate emission guidelines to the SCAQMD, the subparts related to emission guidelines are not listed for inclusion in the proposed amendments. U.S. EPA also amended various subparts of 40 CFR Part 60 related to its revised test methods.

Table 1 lists the NSPS currently proposed for incorporation by reference into SCAQMD Regulation IX. For a description of the actions, please see Attachment A.

Table 1. NSPS Proposed for Incorporation into Regulation IX

40 CFR Part 60	Title	U.S. EPA Action (date)	Reference
Subpart A	General Provisions	Final Rule, Amendment (February 27, 2014)	79 FR 11228, Vol. 79, No. 39
Subpart Da	NSPS for Electric Utility Steam Generating Units	Final Rule, Amendment (November 19, 2014)	79 FR 68777, Vol. 79, No. 223
Subpart Ec	NSPS for Hospital/Medical/Infectious Waste Incinerators	Final Rule, Amendment (May 13, 2013)	78 FR 28052, Vol. 78, No. 92
Subpart F	NSPS for Portland Cement Plants	Final Rule, Amendment (February 12, 2013)	78 FR 10006, Vol. 78, No. 29
Subparts III and JJJ	NSPS for Stationary Compression Ignition and Spark Ignition Internal Combustion Engines	Final Rule, Amendment (January 30, 2013)	78 FR 6674, Vol. 78, No. 20
Subparts Ja	NSPS for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007	Final Rule, Amendment (September 12, 2012)	77 FR 56422, Vol. 77, No. 177
Subparts BB and BBa	NSPS for Kraft Pulp Mills and Kraft Pulp Mill Affected Sources for Which Construction, Reconstruction, or Modification Commenced After May 23, 2013	Final Rule, Amendment (April 4, 2014)	79 FR 18952, Vol. 79, No. 65

40 CFR Part 60	Title	U.S. EPA Action (date)	Reference
Subpart LLL and	NSPS for SO ₂ Emissions from On-Shore Natural Gas Processing for Which Construction, Reconstruction, or Modification Commenced After January 20, 1984, and On or Before August 23, 2011	Final Rule, Amendment (August 16, 2012)	77 FR 49490, Vol. 77, No. 159
Subpart KKK	NSPS for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants for Which Construction, Reconstruction, or Modification Commenced After January 20, 1984, and On or Before August 23, 2011	Final Rule, Amendment (August 16, 2012)	77 FR 49490, Vol. 77, No. 159
Subpart CCCC	NSPS for Commercial and Industrial Solid Waste Incineration Units	Final Rule, Amendment (February 7, 2013)	78 FR 9111 Vol. 78, No. 26
Subpart OOOO	NSPS for Crude Oil and Natural Gas Production, Transmission, and Distribution	Final Rule, <i>New NSPS</i> (August 16, 2012) Amendment (December 31, 2014)	77 FR 49490 Vol. 77, No. 159 79 FR 79018 Vol. 79, No. 250
Appendices A1-A8 and B	Test Methods and Performance Specifications	Final Rule Amendment (February 27, 2014)	79 FR 11228 Vol. 79, No. 39
Appendix F	Quality Assurance Procedures	Final Rule Amendment (February 27, 2014)	79 FR 11228 Vol. 79, No. 39

Due to the bulk of these materials, the complete text of the Federal Register references can be found at: <http://www.aqmd.gov/home/regulations/rules/support-documents#rgIX>. Anyone wishing to view this material may do so by contacting SCAQMD's Public Information Center at (909) 396-3600. The Federal Register documents can also be accessed via the following website: <http://www.gpo.gov/fdsys/browse/collection.action?collectionCode=FR>

Regulation X Proposal

Two delegable NESHAP actions were amended by U.S. EPA between July 1, 2011 and December 31, 2014 and are proposed for incorporation by reference into Regulation X. These actions include amendments to the general provisions for restructuring stationary source audit program, and amendments to the testing regulations and test methods.

Table 2. NESHAP Proposed for Incorporation into Regulation X

40 CFR Part 61	Title	U.S. EPA Action (date)	Reference
Subpart A	General Provisions	Final Rule, Amendment (February 27, 2014)	79 FR 11228, Vol. 79, No. 39
Appendix B and Subparts C, E, D, and N	Test Methods and Testing Regulations	Final Rule, Amendment (February 27, 2014)	79 FR 11228, Vol. 79, No. 39

Due to the bulk of these materials, the complete text of the Federal Register references can be found at: <http://www.aqmd.gov/home/regulations/rules/support-documents#rgX>. Anyone wishing to view this material may do so by contacting SCAQMD's Public Information Center at (909) 396-3600. The Federal Register documents can also be accessed via the following website: <http://www.gpo.gov/fdsys/browse/collection.action?collectionCode=FR>

Public Workshops

U.S. EPA held public workshops with public comment periods as part of its rule development process. Since the proposed amendments incorporate existing federal requirements by reference and do not significantly affect air quality or emissions limitations, no additional public workshops were required or held by SCAQMD.

California Environmental Quality Act (CEQA) and Socioeconomic Impacts

The SCAQMD has reviewed the proposed project pursuant to CEQA Guidelines §15002 (k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA and CEQA Guidelines §15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA. Because the SCAQMD is proposing to incorporate federal NSPS and NESHAP requirements by reference into Regulations IX and X, respectively, without exercising discretion with regard to the proposed amendments, the project is considered to be ministerially exempt from CEQA pursuant to CEQA Guidelines §15268 – Ministerial Projects. Furthermore, the proposed amendments are considered to be categorically exempt because they are considered actions to protect or enhance the environment pursuant to CEQA Guidelines §15308 – Actions By Regulatory Agencies For Protection Of The Environment. A Notice of Exemption has been prepared pursuant to CEQA Guidelines §15062 - Notice of Exemption. If the project is approved, the Notice of Exemption will be filed with the county clerks of Los Angeles, Orange, Riverside and San Bernardino counties.

The proposed amendments do not impose new requirements in addition to the federal regulations and do not significantly affect air quality or emissions limitations. As such, there will be no socioeconomic impacts beyond what was identified for the federal NSPS and NESHAP standards and requirements.

Air Quality Management Plan (AQMP) and Legal Mandates

These federal requirements are not included in the 2012 Final Air Quality Management Plan . U.S. EPA is authorized to delegate authority to implement and enforce standards and related compliance periods for new, modified, or reconstructed sources of air pollution set forth in 40 CFR Part 60 and Part 61, to local air districts pursuant to §§110, 111 (c)(1), 112 (d)(1) and 301 of the CAA. Adoption of new and amended NSPS and NESAP into SCAQMD Regulations IX and X, respectively by reference, formally recognizes SCAQMD’s authority to assist in the implementation and enforcement of these federal regulations at the local level.

Implementation Plan

The proposed amendments will not be submitted into the SIP. Rather, as in the past, a request for delegation of new standard and re-delegation of amended standards will be made under the authority of U.S. EPA. In addition, proposed amendments do not materially affect the structure or function of existing programs associated with the implementation of Regulation IX - Standards of Performance for New Stationary Sources, and Regulation X – National Emission Standards for Hazardous Air Pollutants, and/or any other SCAQMD rules. Staff is available to assist facilities covered by the proposed amendments.

Resource Impacts

Current SCAQMD resources are sufficient to implement and enforce the proposed amendments to Regulation IX and Regulation X.

Attachments

- A. Summary of Proposed Amendments to Regulations IX and X
- B. Resolution
- C. Proposed Amended Regulations IX and X
- D. Final Staff Report
- E. Notice of Exemption

ATTACHMENT A

SUMMARY OF PROPOSED AMENDMENTS TO REGULATIONS IX AND X

REGULATIONS	PROPOSED AMENDMENTS
<p>Regulation IX – NSPS (40 CFR Part 60)</p> <p>Promulgation of 1 New Standard and</p> <p>Twelve Actions to Amend Existing Standards</p>	<ul style="list-style-type: none"> • New NSPS for VOC for certain oil & gas productions not covered by existing standards (i.e., gas wells, centrifugal compressors, reciprocal compressors, pneumatic controllers, and storage vessels) (Subpart OOOO) • General Provisions per revisions to definitions, test methods, etc. (Subpart A) • Startup and shutdown PM standards for utility steam generating units (Subpart Da) • NO_x, SO₂, PM, and opacity limits for hospital/medical/infectious waste incinerators (Subpart Ec) • PM standards for modified, and new & reconstructed sources at Portland cement plants (Subpart F) • Alternative testing for certain large spark ignition reciprocal IC engines (Subpart JJJJ) and time limit related to malfunction of compression ignition IC engines (Subpart IIII) • NO_x emission limit for process heaters and SO₂ standards for flares at newly constructed, reconstructed, or modified petroleum refineries (Subpart Ja) • PM standards and opacity limits for recovery furnaces, smelt dissolving tanks, and lime kilns at Kraft pulp mills (Subparts BB and BBa)

	<ul style="list-style-type: none"> • VOC emission limit for equipment leaks (Subpart KKK) and SO₂ emission standards for sweetening units at on-shore natural gas processing plants (Subpart LLL) • Applicability, definition, and compliance provisions of commercial and industrial solid waste incinerators (Subpart CCCC) • Flow-back provision of gas wells and VOC potential to emit of storage vessels from crude oil & natural gas production (Subpart OOOO) • Test methods and performance specifications (Appendices A1-A8 and B, and related subparts) • Quality assurance procedures for continuous opacity monitoring systems (Appendix F)
<p>Regulation X – NESHAP (40 CFR Part 61)</p> <p>Two Actions to Amend Existing Standards</p>	<ul style="list-style-type: none"> • General Provisions per revisions to definitions, test methods, etc. (Subpart A) • Test methods (Appendix B and related subparts C, D, E, and N)

ATTACHMENT B

RESOLUTION NO. 2015-

A Resolution of the South Coast Air Quality Management District (SCAQMD) Governing Board amending Regulation IX – Standards of Performance for New Stationary Sources, and, Regulation X – National Emission Standards for Hazardous Air Pollutants.

A Resolution of the SCAQMD Governing Board determining that the proposed amendments to Regulation IX – Standards of Performance for New Stationary Sources, and, Regulation X – National Emission Standards for Hazardous Air Pollutants, are exempt from the requirements of the California Environmental Quality Act (CEQA).

WHEREAS, the SCAQMD has had its regulatory program certified pursuant to Public Resources Code §21080.5 and has conducted CEQA review and analysis pursuant to such program (SCAQMD Rule 110); and

WHEREAS, the SCAQMD Governing Board finds and determines that the proposed amendments to Regulations IX and X are considered a "project" pursuant to CEQA per CEQA Guidelines §15002 (k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA; and

WHEREAS, the SCAQMD Governing Board finds and determines that after conducting a review of the proposed amendments to Regulations IX and X in accordance with CEQA Guidelines §15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA, the proposed amendments to Regulations IX and X are determined to be exempt from CEQA; and,

WHEREAS, the SCAQMD Governing Board finds and determines that the proposed amendments to Regulation IX and X are required in order to correctly reference federal regulations and because the SCAQMD exercises no discretion with regard to the project as proposed, the proposed project is considered to be ministerially exempt from CEQA pursuant to CEQA Guidelines §15268 – Ministerial Projects; and,

WHEREAS, the SCAQMD Governing Board finds and determines that the proposed project is also categorically exempt pursuant to CEQA Guidelines §15308 – Actions By Regulatory Agencies For Protection Of The Environment,

because the adoption by reference of the proposed amendments to Regulations IX and X is considered an action by a regulatory agency to enhance and protect the environment; and

WHEREAS, SCAQMD staff has prepared a Notice of Exemption for the proposed project, that is completed in compliance with CEQA Guidelines §15062 – Notice of Exemption; and

WHEREAS, the Notice of Exemption, the April 3, 2015 SCAQMD Governing Board letter, and other supporting documentation were presented to the SCAQMD Governing Board and the SCAQMD Governing Board has reviewed and considered the entirety of this information prior to approving the project; and

WHEREAS, the SCAQMD proposes to incorporate by reference federal New Source Performance Standards (NSPS) requirements into Regulation IX, and National Emission Standards for Hazardous Air Pollutants (NESHAP) into Regulation X; and

WHEREAS, the SCAQMD Governing Board has determined that a need exists to amend Regulations IX and X to provide a mechanism for local enforcement and provide information to affected facilities of these federal standards; and

WHEREAS, the SCAQMD Governing Board obtains its authority to adopt, amend, or repeal rules and regulations from §§ 39002, 39650 et seq. 40000, 40001, 40440, 40441, 40702, and 40725 through 40728, and 41700 of the Health and Safety Code; and

WHEREAS, the SCAQMD Governing Board has determined that the proposed amendments to Regulations IX and X are written or displayed so that their meanings can be easily understood by the persons directly affected by them; and

WHEREAS, the SCAQMD Governing Board has determined that the proposed amendments to Regulations IX and X are in harmony with, and not in conflict with or contradictory to, existing statutes, court decisions, or state or federal regulations; and

WHEREAS, Health and Safety Code §40727.2 requires the SCAQMD to prepare a written analysis of existing federal air pollution control requirements whenever it adopts or amends a rule or regulation. However, if the rule or regulation is a verbatim adoption or incorporation by reference of a federal NSPS

or NESHAP requirement, the SCAQMD may comply with this requirement by making a finding that the proposed amendments fall within Health and Safety Code §40727.2 (g). Therefore, the SCAQMD finds that the proposed amendments to Regulations IX and X represent an adoption by reference of federal NSPS and NESHAP requirements, respectively, and that the proposed amendments to Regulations IX and X fall within the criteria and requirements in Health and Safety Code §40727.2(g); and

WHEREAS, a public hearing has been properly noticed in accordance with the provisions of Health and Safety Code §40725; and

WHEREAS, the SCAQMD Governing Board has held a public hearing in accordance with all provisions of law; and

WHEREAS, the SCAQMD Governing Board, in adopting amendments to Regulations IX and X, references the following statutes which the SCAQMD hereby implements, interprets, or makes specific: Title 42 U.S.C. Section 7411 (performance standards for new stationary sources), Health and Safety Code §§ 40001(a) (air quality standards), 40001 (b) (air pollution episodes), 40440 (a) (rules to carry out plan), 40702 (adopt regulations to execute duties), 42301 (permit system), and 41700 (nuisance); and

WHEREAS, federal Clean Air Act §§ 110, 111 (c)(1), 112 (d)(1) and 301 authorize the United States Environmental Protection Agency (U.S. EPA) to delegate authority to local air districts to administer and enforce federal NSPS and NESHAP requirements; and

WHEREAS, the SCAQMD Governing Board finds that the proposed amendments to Regulations IX and X are proposed to implement and enforce federally adopted regulations, which protect the environment; and

WHEREAS, the SCAQMD Governing Board has determined that the U.S. EPA has already amended NSPS and NESHAP requirements, so that these federal regulations are currently in effect and that the adoption of the proposed amendments to Regulations IX and X would merely update SCAQMD regulations to reflect current U.S. EPA standards; and

WHEREAS, the SCAQMD Governing Board has determined that there is a problem that, by providing a single source of information for determining applicable federal and local requirements, Regulations IX and X will alleviate possible confusion by affected industries, and thereby enhance compliance with NSPS and NESHAP requirements and standards; and

WHEREAS, the SCAQMD Governing Board has determined that the proposed amendments to Regulations IX and X will impose the same requirements as the existing federal regulations and are necessary and proper to execute the power and duties granted to, and imposed upon, the SCAQMD; and

WHEREAS, the SCAQMD Governing Board specifies the Manager for the proposed amendments to Regulations IX and X as the custodian of the documents or other materials which constitute the record of proceedings upon which the adoption of these proposed amendments is based, which are located at the South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, California;

NOW, THEREFORE, BE IT RESOLVED that the SCAQMD Governing Board does hereby determine, pursuant to the authority granted by law, that the proposed amendments to Regulation IX and X are exempt from CEQA pursuant to CEQA Guidelines §15002 (k)(1) – General Concepts, §15061 (b)(1) and (b)(2) – Review for Exemption, §15268 – Ministerial Projects; and §15308 - Actions By Regulatory Agencies For Protection Of The Environment. This information was presented to the SCAQMD Governing Board, whose members reviewed, considered, and approved the information therein prior to acting on the proposed amendments to Regulations IX and X; and

BE IT FURTHER RESOLVED, that the SCAQMD Governing Board finds that the proposed amendments to Regulations IX and X incorporate by reference federal NSPS and NESHAP regulations for the following industries and operations: crude oil and natural gas productions, onshore natural gas processing plants, Portland cement plants, Kraft pulp mills, steam generating units, petroleum refineries, commercial and industrial solid waste incineration units, hospital/medical/infectious waste incinerators, and stationary compression ignition and spark ignition internal combustion engines; and

BE IT FURTHER RESOLVED, that the SCAQMD Governing Board does hereby adopt the proposed amendments to Regulations IX and X, pursuant to the authority granted by law as set forth in the attached and incorporated herein by reference; and

BE IT FURTHER RESOLVED, that the proposed amendments to Regulations IX and X will not be submitted for inclusion into the State Implementation Plan; and

BE IT FURTHER RESOLVED, that the SCAQMD Governing Board hereby directs staff to submit a request for delegation for the new and re-delegation for the amended standards incorporated herein by this reference.

DATE: _____

CLERK OF THE BOARDS

ATTACHMENT C

(Adopted December 3, 1976)(Amended June 7, 1985)(Amended November 1, 1985)
(Amended October 3, 1986)(Amended April 3, 1987)(Amended May 5, 1989)
(Amended September 7, 1990)(Amended October 4, 1991)(Amended April 3, 1992)
(Amended April 9, 1993)(Amended April 8, 1994)(Amended January 9, 1998)
(Amended August 13, 1999)(Amended April 21, 2000)
(Amended May 11, 2001)(Amended April 5, 2002)(Amended May 7, 2004)
(Amended December 2, 2005)(Amended September 8, 2006)
(Amended April 6, 2007)(Amended April 4, 2008)(Amended April 3, 2009)
(Amended March 5, 2010)(Amended March 4, 2011)
(Amended April 6, 2012) (PAREg IX, April 3, 2015)

REGULATION IX

STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

The provisions of Part 60, Chapter I, Title 40, of the Code of Federal Regulations (CFR), in effect July 1, 1984, applicable to the subparts listed in this Regulation were adopted by the South Coast Air Quality Management District on the date shown and were made part of the Rules and Regulations of the South Coast Air Quality Management District.

All new sources of air pollution and all modified or reconstructed sources of air pollution shall comply with the more stringent of the standards, criteria, and requirements set forth herein or in applicable District rules. For the purpose of this Regulation, the word "Administrator" as used in Part 60, Chapter I, Title 40, of the CFR shall mean the Executive Officer of the South Coast Air Quality Management District, except that the Executive Officer shall not be empowered to approve alternate test methods or alternate opacity limits. Other deviations from these federal standards, as presented in the CFR and which were ordered by the South Coast Air Quality Management District Board to suit the needs of the South Coast Air Quality Management District, are noted in the affected subpart.

SUBPART A GENERAL PROVISIONS

(40FR53346, Nov. 17, 1975)	(Adopted Dec. 3, 1976)
	(Amended Oct. 5, 1984)
(52FR17555, May 11, 1987)	(Amended May 5, 1989)
(55FR26912, June 29, 1990)	(Amended Oct. 4, 1991)
(55FR26931, June 29, 1990)	(Amended Oct. 4, 1991)
(55FR37674, Sept. 12, 1990)	(Amended Oct. 4, 1991)
(55FR40171, Oct. 2, 1990)	(Amended Oct. 4, 1991)
(55FR51378, Dec. 13, 1990)	(Amended Oct. 4, 1991)
(57FR32314, July 21, 1992)	(Amended April 9, 1993)
(59FR12408, March 16, 1994)	(Amended August 13, 1999)
(60FR65387, Dec. 19, 1995)	(Amended August 13, 1999)
(62FR8314, Feb. 24, 1997)	(Amended August 13, 1999)
(62FR52384, Oct. 7, 1997)	(Amended August 13, 1999)
(63FR24436, May 4, 1998)	(Amended August 13, 1999)
(65FR48914, August 10, 2000)	(Amended May 11, 2001)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(65FR76378, Dec. 6, 2000)	(Amended May 11, 2001)
(66FR44978, August 27, 2001)	(Amended April 5, 2002)
(67FR43550, June 28, 2002)	(Amended May 7, 2004)
(69FR41346, July 8, 2004)	(Amended Dec. 2, 2005)
(70FR74870, Dec. 16, 2005)	(Amended April 6, 2007)
(71FR38482, July 6, 2006)	(Amended April 6, 2007)
(71FR39154, July 11, 2006)	(Amended April 6, 2007)
(72FR27437, May 16, 2007)	(Amended April 4, 2008)
(72FR32710, June 13, 2007)	(Amended April 4, 2008)
(73FR3568, January 18, 2008)	(Amended April 3, 2009)
(73FR35838, June 24, 2008)	(Amended April 3, 2009)
(74FR5072, January 28, 2009)	(Amended March 5, 2010)
(74FR51950, October 8, 2009)	(Amended March 5, 2010)
(75FR54970, Sept. 9, 2010)	(Amended March 4, 2011)
(76FR2832, January 18, 2011)	(Amended April 6, 2012)
(76FR15372, March 21, 2011)	(Amended April 6, 2012)
(76FR15704, March 21, 2011)	(Amended April 6, 2012)
<u>(79FR11228, February 27,</u>	<u>(Amended Date of Adoption)</u>
<u>2014)</u>	

**SUBPART D STANDARDS OF PERFORMANCE FOR FOSSIL-FUEL-
FIRED STEAM GENERATORS FOR WHICH
CONSTRUCTION IS COMMENCED AFTER AUGUST 17,
1971**

(39FR20792, June 14, 1974)	(Adopted Dec. 3, 1976)
(51FR42839, Nov. 26, 1986)	(Amended April 3, 1987)
(52FR28946, Aug. 4, 1987)	(Amended May 5, 1989)
(55FR5211, Feb. 14, 1990)	(Amended Oct. 4, 1991)
(55FR51378, Dec. 13, 1990)	(Amended Oct. 4, 1991)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(72FR32710, June 13, 2007)	(Amended April 4, 2008)
(74FR5072, January 28, 2009)	(Amended March 5, 2010)

(76FR3517, January 20, 2011) (Amended April 6, 2012)

**SUBPART Da STANDARDS OF PERFORMANCE FOR ELECTRIC
UTILITY STEAM GENERATING UNITS FOR WHICH
CONSTRUCTION IS COMMENCED AFTER SEPT. 18, 1978**

(44FR33613, June 11, 1979)	(Adopted Oct. 5, 1984)
(51FR42839, Nov. 26, 1986)	(Amended April 3, 1987)
(55FR5211, Feb. 14, 1990)	(Amended Oct. 4, 1991)
(63FR49442, Sept. 16, 1998)	(Amended August 13, 1999)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(66FR18546, April 10, 2001)	(Amended April 5, 2002)
(66FR31177, June 11, 2001)	(Amended April 5, 2002)
(66FR42608, August 14, 2001)	(Amended April 5, 2002)
(70FR28606, May 18, 2005)	(Amended Sept. 8, 2006)
(70FR51266, August 30, 2005)	(Amended Sept. 8, 2006)
(71FR9866, February 27, 2006)	(Amended April 6, 2007)
(71FR33388, June 9, 2006)	(Amended April 6, 2007)
(72FR32710, June 13, 2007)	(Amended April 4, 2008)
(74FR5072, January 28, 2009)	(Amended March 5, 2010)
(76FR3517, January 20, 2011)	(Amended April 6, 2012)
<u>(79FR68777, November 19, 2014)</u>	<u>(Amended Date of Adoption)</u>

Note: The 30-day emissions averaging periods specified in the federal standard are deleted and replaced with 24-hour maximum emissions averaging periods for affected facilities in the SCAQMD.

**SUBPART Db STANDARDS OF PERFORMANCE FOR INDUSTRIAL-
COMMERCIAL-INSTITUTIONAL STEAM GENERATING
UNITS**

(51FR42768, Nov. 25, 1986)	(Adopted April 3, 1987)
(51FR42839, Nov. 26, 1986)	
(52FR47826, Dec. 16, 1987)	(Amended May 5, 1989)
(54FR51820, Dec. 18, 1989)	(Amended, Sept. 7, 1990)
(63FR4992, Sept. 16, 1998)	(Amended August 13, 1999)
(65FR13242, March 13, 2000)	(Amended May 11, 2001)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(66FR18546, April 10, 2001)	(Amended April 5, 2002)
(66FR31177, June 11, 2001)	(Amended April 5, 2002)
(66FR42608, August 14, 2001)	(Amended April 5, 2002)
(66FR49830, October 1, 2001)	(Amended April 5, 2002)
(71FR9866, February 27, 2006)	(Amended April 6, 2007)
(71FR33388, June 9, 2006)	(Amended April 6, 2007)
(72FR32710, June 13, 2007)	(Amended April 4, 2008)
(74FR5072, January 28, 2009)	(Amended March 5, 2010)
(76FR3517, January 20, 2011)	(Amended April 6, 2012)
<u>(79FR11228, February 27, 2014)</u>	<u>(Amended Date of Adoption)</u>

SUBPART Dc STANDARDS OF PERFORMANCE FOR SMALL INDUSTRIAL COMMERCIAL-INSTITUTIONAL STEAM GENERATING UNITS

(55FR37674, Sept. 12, 1990)	(Adopted Oct. 4, 1991)
(61FR20734, May 8, 1996)	(Amended August 13, 1999)
(64FR24049, May 5, 1999)	(Amended April 21, 2000)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(70FR74679, Dec. 16, 2005)	(Amended Sept. 8, 2006)
(71FR9866, February 27, 2006)	(Amended April 6, 2007)
(72FR32710, June 13, 2007)	(Amended April 4, 2008)
(74FR5072, January 28, 2009)	(Amended March 5, 2010)
(76FR3517, January 20, 2011)	(Amended April 6, 2012)

SUBPART E STANDARDS OF PERFORMANCE FOR INCINERATORS

(36FR24877, Dec. 23, 1971)	(Adopted Dec. 3, 1976)
(55FR5211, Feb. 14, 1990)	(Amended Oct. 4, 1991)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(71FR27324, May 10, 2006)	(Amended April 6, 2007)

SUBPART Ea STANDARDS OF PERFORMANCE FOR MUNICIPAL WASTE COMBUSTORS

(56FR5488, Feb. 11, 1991)	(Adopted April 3, 1992)
(60FR65381, Dec. 19, 1995)	(Adopted Dec. 12, 1997)
(65FR61743, Oct. 17, 2000)	(Amended May 11, 2001)

SUBPART Eb STANDARDS OF PERFORMANCE AND EMISSION GUIDELINES FOR MUNICIPAL WASTE COMBUSTORS

(60FR65387, Dec. 19, 1995)	(Adopted Dec. 12, 1997)
(62FR45116, Aug. 25, 1997)	(Amended Dec. 12, 1997)
(62FR45124, Aug. 25, 1997)	(Amended Dec. 12, 1997)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(66FR36473, July 12, 2001)	(Amended April 5, 2002)
(66FR57824, Nov. 16, 2001)	(Amended April 5, 2002)
(71FR27324, May 10, 2006)	(Amended April 6, 2007)

SUBPART Ec STANDARDS OF PERFORMANCE FOR HOSPITAL/ MEDICAL INFECTIOUS WASTE INCINERATORS

(62FR48348, Sept. 15, 1997)	(Adopted Dec. 12, 1997)
(65FR61743, Oct. 17, 2000)	(Amended May 11, 2001)
(68FR61759, Oct. 30, 2003)	(Amended May 7, 2004)
(76FR18407, April 4, 2011)	(Amended April 6, 2012)
<u>(78FR28052, May 13, 2013)</u>	<u>(Amended Date of Adoption)</u>

SUBPART F	STANDARDS OF PERFORMANCE FOR PORTLAND CEMENT PLANTS (36FR24877, Dec. 23, 1971) (53FR50354 Dec. 14, 1988) (61FR14637, April 3, 1996) (65FR61743, Oct. 17, 2000) (75FR54970, Sept. 9, 2010) <u>(78FR10006, February 12, 2013)</u>	 (Adopted Dec. 3, 1976) (Amended May 5, 1989) (Amended August 13, 1999) (Amended May 11, 2001) (Amended March 4, 2011) <u>(Amended Date of Adoption)</u>
SUBPART G	STANDARDS OF PERFORMANCE FOR NITRIC ACID PLANTS (39FR20794, June 14, 1974)	 (Adopted Dec. 3, 1976)
SUBPART H	STANDARDS OF PERFORMANCE FOR SULFURIC ACID PLANTS (39FR20794, June 14, 1974) (65FR61743, Oct. 17, 2000) <u>(79FR11228, February 27, 2014)</u>	 (Adopted Dec. 3, 1976) (Amended May 11, 2001) <u>(Amended Date of Adoption)</u>
SUBPART I	STANDARDS OF PERFORMANCE FOR ASPHALTIC CONCRETE PLANTS (39FR9314, March 8, 1974) (51FR12324, April 10, 1986)	 (Adopted Dec. 3, 1976) (Amended April 3, 1987)
SUBPART J	STANDARDS OF PERFORMANCE FOR PETROLEUM REFINERIES (39FR9315, March 8, 1974) (51FR42839, Nov. 26, 1986) (54FR34008, Aug. 17, 1989) (55FR40171, Oct. 2, 1990) (65FR61743, Oct. 17, 2000) (73FR35838, June 24, 2008)	 (Adopted Dec. 3, 1976) (Amended Feb. 13, 1981) (Amended April 3, 1987) (Amended Sept. 7, 1990) (Amended Oct. 4, 1991) (Amended May 11, 2001) (Amended April 3, 2009)
SUBPART Ja	STANDARDS OF PERFORMANCE FOR PETROLEUM REFINERIES FOR WHICH CONSTRUCTION, RECONSTRUCTION, OR MODIFICATION COMMENCED AFTER May 14, 2007 (73FR35838, June 24, 2008) (73FR55751, Sept. 26, 2008) (73FR78546, Dec. 22, 2008)	 (Adopted April 3, 2009) (Amended April 3, 2009) (Amended April 3, 2009)

(73FR78549, Dec. 22, 2008) (Amended April 3, 2009)
(76FR10524, Feb. 25, 2011) (Amended April 6, 2012)
(77FR56422, September 12, (Amended Date of Adoption)
2012)

**SUBPART K STANDARDS OF PERFORMANCE FOR STORAGE
VESSELS FOR PETROLEUM LIQUIDS CONSTRUCTED
AFTER JUNE 11, 1973, AND PRIOR TO MAY 19, 1978**

(39FR9317, March 8, 1974) (Adopted Dec. 3, 1976)
 (Amended Feb. 13, 1981)
(52FR11420, April 8, 1987)
and
(52FR22779, June 16, 1987) (Amended May 5, 1989)

**SUBPART Ka STANDARDS OF PERFORMANCE FOR STORAGE
VESSELS FOR PETROLEUM LIQUIDS CONSTRUCTED
AFTER MAY 18, 1978**

(45FR23379, Apr. 4, 1980) (Adopted Dec. 3, 1976)
 (Amended Feb. 13, 1981)
(52FR11420, April 18, 1987) and
(52FR22779, June 16, 1987) (Amended May 5, 1989)
(65FR2336, January 14, 2000) (Amended May 11, 2001)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART Kb STANDARDS OF PERFORMANCE FOR STORAGE
VESSELS FOR PETROLEUM LIQUIDS FOR WHICH
CONSTRUCTION, RECONSTRUCTION, OR
MODIFICATION COMMENCED AFTER JULY 23, 1983**

(52FR11420, April 8, 1987) and
(52FR22779, June 16, 1987) (Adopted May 5, 1989)
(54FR32972, August 11, 1989) (Amended Sept. 7, 1990)
(65FR2336, January 14, 2000) (Amended May 11, 2001)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART L STANDARDS OF PERFORMANCE FOR SECONDARY
LEAD SMELTERS**

(39FR9317, March 8, 1974) (Adopted Dec. 3, 1976)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART M STANDARDS OF PERFORMANCE FOR SECONDARY
BRASS AND BRONZE PRODUCTION PLANTS**

(39FR9318, March 8, 1974) (Adopted Dec. 3, 1976)
(49FR21864, Mar. 23, 1984) (Amended Oct. 5, 1984)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

SUBPART N	STANDARDS OF PERFORMANCE FOR IRON AND STEEL PLANTS (39FR9318, March 8, 1974) (51FR150, Jan. 2, 1986) (65FR61743, October 17, 2000)	(Adopted Dec. 3, 1976) (Amended June 5, 1981) (Amended April 3, 1987) (Amended May 11, 2001)
SUBPART Na	STANDARDS OF PERFORMANCE FOR BASIC OXYGEN PROCESS FURNACES (51FR150, Jan. 2, 1986) (65FR61743, October 17, 2000)	(Adopted April 3, 1987) (Amended May 11, 2001)
SUBPART O	STANDARDS OF PERFORMANCE FOR SEWAGE TREATMENT PLANTS (39FR9319, March 8, 1974) (51FR13432, April 18, 1986) (54FR27015, June 27, 1989) (59FR5107, February 3, 1994) (65FR61743, October 17, 2000) (<u>79FR11228, February 27, 2014</u>)	(Adopted Dec. 3, 1976) (Amended Oct. 3, 1986) (Amended Sept. 7, 1990) (Amended Dec. 12, 1997) (Amended May 11, 2001) (<u>Amended Date of Adoption</u>)
SUBPART P	STANDARDS OF PERFORMANCE FOR PRIMARY COPPER SMELTERS (41FR2338, Jan. 15, 1976) (65FR61743, October 17, 2000)	(Adopted Nov. 1, 1985) (Amended May 11, 2001)
SUBPART Q	STANDARDS OF PERFORMANCE FOR PRIMARY ZINC SMELTERS (41FR2340, Jan. 15, 1976)	(Adopted Nov. 1, 1985)
SUBPART R	STANDARDS OF PERFORMANCE FOR PRIMARY LEAD SMELTERS (41FR2340, Jan. 15, 1976)	(Adopted Nov. 1, 1985)
SUBPART S	STANDARDS OF PERFORMANCE FOR PRIMARY ALUMINUM REDUCTION PLANTS (45FR44207, June 30, 1980) (65FR61743, October 17, 2000)	(Adopted Nov. 1, 1985) (Amended May 11, 2001)

(65FR61743, October 17, 2000) (Amended May 11, 2001)
(74FR51950, October 8, 2009) (Amended March 5, 2010)

**SUBPART Z STANDARDS OF PERFORMANCE FOR FERRO-ALLOY
PRODUCTION FACILITIES**

(41FR18501, May 4, 1976) (Adopted Nov. 1, 1985)
(55FR5211, Feb. 14, 1990) (Amended Oct. 4, 1991)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART AA STANDARDS OF PERFORMANCE FOR STEEL
PLANTS: ELECTRIC ARC FURNACES CONSTRUCTED
AFTER OCT. 21, 1974, AND ON OR BEFORE AUG. 17,
1983**

(40FR43852, Sept. 23, 1975) (Adopted Dec. 3, 1976)
(40FR43838, Oct. 31, 1984) (Amended June 7, 1985)
(64FR10105, March 2, 1999) (Amended April 21, 2000)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(70FR8523, February 22, 2005) (Amended Sept. 8, 2006)

**SUBPART STANDARDS OF PERFORMANCE FOR STEEL PLANTS:
AAa ELECTRIC ARC FURNACES AND ARGON-OXYGEN
DECARBURIZATION VESSELS CONSTRUCTED AFTER
AUGUST 17, 1983**

(49FR43838, Oct. 3, 1984) (Adopted June 7, 1985)
(64FR10105, March 2, 1999) (Amended April 21, 2000)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(70FR8523, February 22, 2005) (Amended Sept. 8, 2006)

**SUBPART BB STANDARDS OF PERFORMANCE FOR KRAFT PULP
MILLS**

(43FR7572, Feb. 23, 1978) (Adopted Nov. 1, 1985)
(51FR18538, May 20, 1986) (Amended Oct. 3, 1986)
(55FR5211, Feb. 14, 1990) (Amended Oct. 4, 1991)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(79FR18952, April 4, 2014) (Amended Date of
Adoption)

**SUBPART STANDARDS OF PERFORMANCE FOR KRAFT PULP
BBa MILL AFFECTED SOURCES FOR WHICH
CONSTRUCTION, RECONSTRUCTION, OR
MODIFICATION COMMENCED AFTER MAY 23, 2013**

(79FR18952, April 4, 2014) (Amended Date of
Adoption)

**SUBPART CC STANDARDS OF PERFORMANCE FOR GLASS
MANUFACTURING PLANTS**

(45FR66751, Oct. 7, 1980) (Adopted June 7, 1985)
(49FR41030, Oct. 19, 1984)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART DD STANDARDS OF PERFORMANCE FOR GRAIN
ELEVATORS**

(43FR34347, Aug. 3, 1978) (Adopted March 6, 1981)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART EE STANDARDS OF PERFORMANCE FOR SURFACE
COATING OF METAL FURNITURE**

(47FR49287, Oct. 29, 1982) (Adopted Oct. 5, 1984)
(49FR40542, Oct. 16, 1984) (Amended Nov. 1, 1985)
(55FR51378, Dec.13, 1990) (Amended Oct. 4, 1991)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

Note: The 30-day emissions averaging periods specified in the federal standard are deleted and replaced with 24-hour maximum emissions averaging periods for affected facilities in the SCAQMD.

**SUBPART GG STANDARDS OF PERFORMANCE FOR STATIONARY
GAS TURBINES**

(44FR52798, Sept. 10, 1979) (Adopted March 6, 1981)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(69FR41346, July 8, 2004) (Amended Dec. 2, 2005)
(71FR9453, February 24, 2006) (Amended April 6, 2007)
(79FR11228, February 27, 2014) (Amended Date of
Adoption)

**SUBPART HH STANDARDS OF PERFORMANCE FOR LIME
MANUFACTURING PLANTS**

(43FR9453, March 7, 1978) (Adopted April 3, 1981)
(49FR18076, Apr. 26, 1984) (Amended Oct. 5, 1984)
(52FR4773, Feb. 17, 1987) (Amended May 5, 1989)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART KK STANDARDS OF PERFORMANCE FOR LEAD-ACID
BATTERY MANUFACTURING PLANTS**

(47FR16573, Apr. 16, 1982) (Adopted August 5, 1983)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(79FR11228, February 27, 2014) (Amended Date of
Adoption)

**SUBPART LL STANDARDS OF PERFORMANCE FOR METALLIC
MINERAL PROCESSING PLANTS**

(49FR6464, Feb. 21, 1984) (Adopted Nov. 1, 1985)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(79FR11228, February 27, 2014) (Amended Date of
Adoption)

**SUBPART STANDARDS OF PERFORMANCE FOR AUTOMOBILE
MM AND LIGHT-DUTY TRUCK SURFACE COATING
OPERATIONS**

(45FR85415, Dec. 24, 1980) (Adopted Oct. 5, 1984)
(55FR51378, Dec. 13, 1990) (Amended Oct. 4, 1991)
(59FR51383, Oct. 11, 1994) (Amended Aug. 13, 1999)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

Note: The 30-day emissions averaging periods specified in the federal standard are deleted and replaced with 24-hour maximum emissions averaging periods for affected facilities in the SCAQMD.

**SUBPART NN STANDARDS OF PERFORMANCE FOR PHOSPHATE
ROCK PLANTS**

(47FR16589, April 16, 1982) (Adopted Nov. 1, 1985)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART PP STANDARDS OF PERFORMANCE FOR AMMONIUM
SULFATE MANUFACTURE**

(45FR74850, Nov. 12, 1980) (Adopted Feb. 13, 1981)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART QQ STANDARDS OF PERFORMANCE FOR THE GRAPHIC
ARTS INDUSTRY: PUBLICATION ROTOGRAVURE
PRINTING**

(47FR50649, Nov. 8, 1982) (Adopted July 6, 1984)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

Note: The 30-day emissions averaging periods specified in the federal standard are deleted and replaced with 24-hour maximum emissions averaging periods for affected facilities in the SCAQMD.

SUBPART RR STANDARDS OF PERFORMANCE FOR PRESSURE SENSITIVE TAPE AND LABEL SURFACE COATING OPERATIONS

(48FR48368, Oct. 18, 1983) (Adopted May 4, 1984)
(55FR51378, Dec 13, 1990) (Amended Oct. 4, 1991)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

Note: The 30-day emissions averaging periods specified in the federal standard are deleted and replaced with 24-hour maximum emissions averaging periods for affected facilities in the SCAQMD.

SUBPART SS STANDARDS OF PERFORMANCE FOR INDUSTRIAL SURFACE COATING: LARGE APPLIANCES

(47FR47785, Oct. 27, 1982) (Adopted Oct. 5, 1984)
(55FR51378, Dec 13, 1990) (Amended Oct. 4, 1991)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

Note: The 30-day emission averaging periods specified in the federal standard are deleted and replaced with 24-hour maximum emissions averaging periods for affected facilities in the SCAQMD.

SUBPART TT STANDARDS OF PERFORMANCE FOR METAL COIL SURFACE COATING

(47FR49612, Nov. 1, 1982) (Adopted Oct. 5, 1984)
(51FR22938, June 24, 1986) (Amended Oct. 3, 1986)
(55FR51378, Dec 13, 1990) (Amended Oct. 4, 1991)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

Note: The 30-day emissions averaging periods specified in the federal standard are deleted and replaced with 24-hour maximum emissions averaging periods for affected facilities in the SCAQMD.

SUBPART UU STANDARDS OF PERFORMANCE FOR ASPHALT PROCESSING AND ASPHALT ROOFING MANUFACTURE

(45FR34143, Aug. 6, 1982) (Adopted Aug. 5, 1983)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(79FR11228, February 27, 2014) (Amended Date of Adoption)

**SUBPART VV STANDARDS OF PERFORMANCE FOR EQUIPMENT
LEAKS OF VOC IN THE SYNTHETIC ORGANIC
CHEMICALS MANUFACTURING INDUSTRY**

(48FR48355, Oct. 18, 1983)	(Adopted Oct. 5, 1984)
(51FR2699, Jan. 21, 1986)	(Amended April 3, 1987)
(61FR29875, June 12, 1996)	(Amended Aug. 13, 1999)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(72FR64860, Nov. 16, 2007)	(Amended April 4, 2008)
(73FR31372, June 2, 2008)	(Amended April 3, 2009)
(73FR31376, June 2, 2008)	(Amended April 3, 2009)

**SUBPART VVa STANDARDS OF PERFORMANCE FOR EQUIPMENT
LEAKS OF VOC IN THE SYNTHETIC ORGANIC
CHEMICALS MANUFACTURING INDUSTRY FOR
WHICH CONSTRUCTION, RECONSTRUCTION, OR
MODIFICATION COMMENCED AFTER NOVEMBER 7,
2006**

72FR64860, Nov. 16, 2007	(Adopted April 4, 2008)
(73FR31372, June 2, 2008)	(Amended April 3, 2009)
(73FR31376, June 2, 2008)	(Amended April 3, 2009)

**SUBPART STANDARDS OF PERFORMANCE FOR THE BEVERAGE
WW CAN SURFACE COATING INDUSTRY**

(48FR38737, Aug. 25, 1983)	(Adopted Oct. 5, 1984)
(55FR51378, Dec 13, 1990)	(Amended Oct. 4, 1991)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)

Note: The 30-day emissions averaging periods specified in the federal standard are deleted and replaced with 24-hour maximum emissions averaging periods for affected facilities in the SCAQMD.

**SUBPART STANDARDS OF PERFORMANCE FOR NEW
AAA RESIDENTIAL WOOD HEATERS**

(52FR5860, Feb. 26, 1988) and	
(53FR12009, April 12, 1988)	(Adopted May 5, 1989)
(63FR64869, Nov. 24, 1998)	(Amended Aug. 13, 1999)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)

**SUBPART STANDARDS OF PERFORMANCE FOR THE RUBBER
BBB TIRE MANUFACTURING INDUSTRY**

(52FR34868, Sept. 15, 1987) and	
(52FR37874, Oct. 9, 1987)	(Adopted May 5, 1989)

(54FR38634, Sept. 19, 1989) (Amended Sept. 7, 1990)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART STANDARDS OF PERFORMANCE FOR VOLATILE
DDD ORGANIC COMPOUND (VOC) EMISSIONS FROM THE
POLYMER MANUFACTURING INDUSTRY**

(55FR51010, Dec. 11, 1990) (Adopted Oct. 4, 1991)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

**SUBPART STANDARDS OF PERFORMANCE FOR FLEXIBLE
FFF VINYL AND URETHANE COATING AND PRINTING**

(49FR26892, June 29, 1984) (Adopted June 7, 1985)

Note: The 30-day emissions averaging periods specified in the federal standard are deleted and replaced with 24-hour maximum emissions averaging periods for affected facilities in the SCAQMD

**SUBPART STANDARDS OF PERFORMANCE FOR EQUIPMENT
GGG LEAKS OF VOC IN PETROLEUM REFINERIES FOR
WHICH CONSTRUCTION, RECONSTRUCTION, OR
MODIFICATION COMMENCED AFTER JANUARY 4,
1983, AND ON OR BEFORE NOVEMBER 7, 2006**

(49FR22606, May 30, 1984) (Adopted June 7, 1985)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(72FR64860, Nov. 16, 2007) (Amended April 4, 2008)
(73FR31372, June 2, 2008) (Amended April 3, 2009)
(73FR31376, June 2, 2008) (Amended April 3, 2009)

**SUBPART STANDARDS OF PERFORMANCE FOR EQUIPMENT
GGGa LEAKS OF VOC IN PETROLEUM REFINERIES FOR
WHICH CONSTRUCTION, RECONSTRUCTION, OR
MODIFICATION COMMENCED AFTER NOVEMBER 7,
2006**

(72FR64896, Nov. 16, 2007) (Adopted April 3, 2009)
73FR31372, June 2, 2008 (Amended April 3, 2009)
73FR31376, June 2, 2008 (Amended April 3, 2009)

**SUBPART STANDARDS OF PERFORMANCE FOR SYNTHETIC
HHH FIBER PRODUCTION FACILITIES**

(49FR13651, April 5, 1984) (Adopted Nov. 1, 1985)
(55FR51378, Dec 13, 1990) (Amended Oct. 4, 1991)

(65FR61743, October 17, 2000) (Amended May 11, 2001)

SUBPART III STANDARDS OF PERFORMANCE FOR VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE SYNTHETIC ORGANIC CHEMICAL MANUFACTURING INDUSTRY (SOCMI) AIR OXIDATION UNIT PROCESSES

(55FR26912, June 29, 1990) (Amended Oct. 4, 1991)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

SUBPART JJJ STANDARDS OF PERFORMANCE FOR PETROLEUM DRY CLEANERS

(49FR37332, Sept. 21, 1984) (Adopted June 7, 1985)
(50FR49026, Nov. 27, 1985) (Amended Oct. 3, 1986)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

SUBPART KKK STANDARDS OF PERFORMANCE FOR EQUIPMENT LEAKS OF VOC FROM ONSHORE NATURAL GAS PROCESSING PLANTS

(50FR26122, June 24, 1985) (Adopted Nov. 1, 1985)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(77FR49490, August 16, 2012) (Amended Date of Adoption)

SUBPART LLL STANDARDS OF PERFORMANCE FOR ONSHORE NATURAL GAS PROCESSING: SO₂ EMISSIONS

(50FR40518, Oct. 1, 1985) (Adopted Oct. 3, 1986)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(77FR49490, August 16, 2012) (Amended Date of Adoption)

SUBPART NNN STANDARDS OF PERFORMANCE FOR VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM SYNTHETIC ORGANIC CHEMICAL MANUFACTURING INDUSTRY (SOCMI) ~~AIR OXIDATION UNIT PROCESSES~~ DISTILLATION OPERATIONS

(55FR26931, June 29, 1990) (Adopted Oct. 4, 1991)
(65FR61743, October 17, 2000) (Amended May 11, 2001)
(79FR11228, February 27, 2014) (Amended Date of Adoption)

SUBPART STANDARDS OF PERFORMANCE FOR NONMETALLIC

OOO **MINERAL PROCESSING PLANTS**

(50FR31328, Aug. 1, 1985) (Adopted Nov. 1, 1985)
(62FR31351, June 9, 1997) (Amended Dec. 12, 1997)
(62FR62953, Nov. 26, 1997) (Amended August 13, 1999)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

SUBPART **STANDARDS OF PERFORMANCE FOR WOOL**
PPP **FIBERGLASS INSULATION MANUFACTURING**
PLANTS

(50FR7694, Feb. 25, 1985) (Adopted Nov. 1, 1985)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

SUBPART **STANDARDS OF PERFORMANCE FOR VOC**
QQQ **EMISSIONS FROM PETROLEUM REFINERY**
WASTEWATER SYSTEMS

(53FR47616, Nov. 23, 1988) (Adopted May 5, 1989)
(60FR43244, Aug. 18, 1995) (Amended August 13, 1999)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

SUBPART **STANDARDS OF PERFORMANCE FOR VOLATILE**
RRR **ORGANIC COMPOUND (VOC) EMISSIONS FROM**
THE SYNTHETIC ORGANIC CHEMICAL
MANUFACTURING INDUSTRY (SOCMI) REACTOR
PROCESSES

(58FR45948, Aug. 31, 1993) (Adopted April 8, 1994)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

SUBPART **STANDARDS OF PERFORMANCE FOR THE**
SSS **MAGNETIC TAPE MANUFACTURING INDUSTRY**

(53FR38892, Oct. 3, 1988) and
(53FR47955, Nov. 29, 1988) (Adopted May 5, 1989)

SUBPART **STANDARDS OF PERFORMANCE FOR INDUSTRIAL**
TTT **SURFACE COATING PLASTIC PARTS FOR BUSINESS**
MACHINES

(53FR2672, Jan. 29, 1988) and
(53FR19300, May 27, 1988) (Adopted May 5, 1989)
(54FR25458, June 15, 1989) (Amended Sept. 7, 1990)
(65FR61743, October 17, 2000) (Amended May 11, 2001)

SUBPART **STANDARDS OF PERFORMANCE FOR CALCINERS**

UUU	AND DRYERS IN MINERAL INDUSTRIES	
	(57FR44496, Sept. 28, 1992)	(Adopted April 9, 1993)
	(58FR40591, July 29, 1993)	(Amended April 8, 1994)
SUBPART VVV	STANDARDS OF PERFORMANCE FOR POLYMERIC COATING OF SUPPORTING SUBSTRATES	
	(54FR37534, Sept. 11, 1989)	(Adopted Sept. 7, 1990)
	(65FR61743, October 17, 2000)	(Amended May 11, 2001)
SUBPART WWW	STANDARDS OF PERFORMANCE FOR MUNICIPAL SOLID WASTE LANDFILLS	
	(61FR9905, March 12, 1996)	(Adopted Dec. 12, 1997)
	(63FR32743, June 16, 1998)	(Amended Aug. 13, 1999)
	(64FR9258, February 24, 1999)	(Amended April 21, 2000)
	(65FR18906, April 10, 2000)	(Amended May 11, 2001)
	(65FR61743, October 17, 2000)	(Amended May 11, 2001)
SUBPART AAAA	STANDARDS OF PERFORMANCE FOR NEW SMALL MUNICIPAL WASTE COMBUSTION UNITS	
	(65FR76350, December 6, 2000)	(Amended May 11, 2001)
SUBPART CCCC	STANDARDS OF PERFORMANCE FOR COMMERCIAL AND INDUSTRIAL SOLID WASTE INCINERATION UNITS	
	(65FR75338, December 1, 2000)	(Amended May 11, 2001)
	(66FR16605, March 27, 2001)	(Amended April 5, 2002)
	(70FR55568, Sept. 22, 2005)	(Amended Sept. 8, 2006)
	(76FR15704, March 21, 2011)	(Amended April 6, 2012)
	<u>(78FR9111, February 7, 2013)</u>	<u>(Amended Date of Adoption)</u>
SUBPART EEEE	STANDARDS OF PERFORMANCE FOR OTHER SOLID WASTE INCINERATION UNITS	
	(70FR74870, December 16, 2005)	(Amended April 6, 2007)
	(71FR67802, Nov. 24, 2006)	(Amended April 6, 2007)
SUBPART III	STANDARDS OF PERFORMANCE FOR STATIONARY COMPRESSION IGNITION INTERNAL COMBUSTION ENGINES	
	(71FR39154, July, 11, 2006)	(Amended April 6, 2007)
	(76FR37954, June 28, 2011)	(Amended April 6, 2012)

(78FR6674, January 30, 2013) (Amended Date of Adoption)

SUBPART JJJJ STANDARDS OF PERFORMANCE FOR STATIONARY SPARK IGNITION INTERNAL COMBUSTION ENGINES

(73FR3568, January 18, 2008) (Amended April 3, 2009)
(76FR37954, June 28, 2011) (Amended April 6, 2012)
(78FR6674, January 30, 2013) (Amended Date of Adoption)

SUBPART KKKK STANDARDS OF PERFORMANCE FOR STATIONARY COMBUSTION TURBINES

(71FR38482, July 6, 2006) (Amended April 6, 2007)
(74FR11858, March 20, 2009) (Amended March 5, 2010)

SUBPART LLLL STANDARDS OF PERFORMANCE FOR SLUDGE INCINERATION UNITS

(76FR15372, March 21, 2011) (Amended April 6, 2012)

SUBPART OOOO STANDARDS OF PERFORMANCE FOR CRUDE OIL AND NATURAL GAS PRODUCTION, TRANSMISSION, AND DISTRIBUTION

(77FR49490, August 16, 2012) (Amended Date of Adoption)
(79FR79018, December 31, 2014), (Amended Date of Adoption)

APPENDIX A-1 TEST METHODS 1 THROUGH 2F

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX A-2 TEST METHODS 2G THROUGH 3C

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX A-3 TEST METHODS 4 THROUGH 5I

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX A-4 TEST METHODS 6 THROUGH 10B

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX A-5 TEST METHODS 11 THROUGH 15 A

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX A-5 TEST METHODS 11 THROUGH 15 A

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX A-6 TEST METHODS 16 THROUGH 18

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX A-7 TEST METHODS 19 THROUGH 25E

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX A-8 TEST METHODS 26 THROUGH 30B

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX B PERFORMANCE SPECIFICATIONS

(79FR11228, February 27, 2014) (Amended Date of Adoption)

APPENDIX F QUALITY ASSURANCE PROCEDURES

(79FR11228, February 27, 2014) (Amended Date of Adoption)

ATTACHMENT C

(Adopted Dec. 3, 1976)(Amended June 7, 1985)(Amended Nov. 1, 1985)
(Amended October 3, 1986)(Amended April 3, 1987)(Amended May 5, 1989)
(Amended September 7, 1990)(Amended October 4, 1991)(Amended April 3, 1992)
(Amended April 9, 1993)(Amended April 8, 1994)(Amended August 13, 1999)
(Amended May 11, 2001)(Amended May 7, 2004)
(Amended December 2, 2005)
(Amended April 4, 2008)(PAReg X April 3, 2015)

REGULATION X

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS

The provisions of Part 61, Chapter I, Title 40, of the Code of Federal Regulations (CFR), in effect July 1, 1984, applicable to the subparts listed in this Regulation were adopted by the South Coast Air Quality Management District on the date shown and were made part of the Rules and Regulations of the South Coast Air Quality Management District.

The provisions of this Regulation apply to the owner or operator of any stationary source for which a standard is prescribed under this Regulation. For the purpose of this Regulation, the word "Administrator" as used in Part 61, Chapter I, Title 40, of the CFR shall mean the Executive Officer of the South Coast Air Quality Management District, except that the Executive Officer shall not be empowered to approve alternate test methods or opacity limits. Other deviations from these federal standards as presented in the CFR and which were ordered by the South Coast Air Quality Management District Board to suit the needs of the South Coast Air Quality Management District are noted in the affected subpart. Owners or operators shall comply with the more stringent of the standards, criteria or requirements set forth herein or in applicable District rules.

Part 61

SUBPART A GENERAL PROVISIONS

(38FR8826, April 6, 1973)	(Adopted Dec. 3, 1976)
(50FR46284, Nov. 7, 1985)	(Amended Oct. 3, 1986)
(52FR37617, Oct. 8, 1987)	(Amended May 5, 1989)
(59FR12408, March 16, 1994)	(Amended August 13, 1999)
(62FR8314, Feb. 24, 1997)	(Amended August 13, 1999)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(72FR27437, May 16, 2007)	(Amended April 4, 2008)
<u>(75FR55636, September 13, 2010)</u>	<u>(Amended Date of Adoption)</u>
<u>(79FR11228, February 27, 2014)</u>	<u>(Amended Date of Adoption)</u>

SUBPART B (RESERVED)

SUBPART BB NATIONAL EMISSION STANDARD FOR BENZENE EMISSIONS FROM BENZENE TRANSFER OPERATIONS

(55FR8292, March 7, 1990)	(Adopted Oct. 4, 1991)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)

SUBPART C NATIONAL EMISSION STANDARD FOR BERYLLIUM

(38FR8826, April 6, 1973)	(Adopted Dec. 3, 1976)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
<u>(79FR11228, February 27, 2014)</u>	<u>(Amended Date of Adoption)</u>

SUBPART D NATIONAL EMISSION STANDARD FOR BERYLLIUM ROCKET MOTOR FIRING

(38FR8826, April 6, 1973)	(Adopted Dec. 3, 1976)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
<u>(79FR11228, February 27, 2014)</u>	<u>(Amended Date of Adoption)</u>

SUBPART E NATIONAL EMISSION STANDARD FOR MERCURY

(40FR48302, Oct. 14, 1975)	(Adopted Dec. 3, 1976)
(52FR8724, March 19, 1987)	(Amended May 5, 1989)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
<u>(79FR11228, February 27, 2014)</u>	<u>(Amended Date of Adoption)</u>

SUBPART F NATIONAL EMISSION STANDARD FOR VINYL CHLORIDE

(41FR46564, Oct. 21, 1976)	(Adopted Dec. 3, 1976)
(51FR34904, Sept. 30, 1986)	(Amended Apr. 3, 1987)
(55FR28346, July 10, 1990)	(Amended Oct. 4, 1991)
(57FR60998, Dec. 23, 1992)	(Amended April 8, 1994)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)

Note: The requirements of Rule 1163, Control of Vinyl Chloride Emissions, also apply to sources of vinyl chloride.

SUBPART FF NATIONAL EMISSION STANDARD FOR BENZENE WASTE OPERATIONS

(55FR8292, March 7, 1990)	(Adopted Oct. 4, 1991)
(57FR8012, March 5, 1992)	(Amended April 9, 1993)
(58FR3072, Jan. 7, 1993)	(Amended April 8, 1994)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(67FR68526, November 12, 2002)	(Amended May 7, 2004)
(68FR6082, February 6, 2003)	(Amended May 7, 2004)
(68FR67932, December 4, 2003)	(Amended May 7, 2004)

SUBPART J NATIONAL EMISSION STANDARD FOR EQUIPMENT LEAKS (FUGITIVE EMISSION SOURCES) FOR BENZENE

(49FR23513, June 6, 1984)	(Adopted Nov. 1, 1985)
(53FR31801, Aug. 19, 1988)	(Amended May 5, 1989)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)

SUBPART L NATIONAL EMISSION STANDARD FOR BENZENE EMISSIONS FROM MALEIC ANHYDRIDE PLANTS, ETHYLBENZENE/STYRENE PLANTS, BENZENE STORAGE VESSELS, BENZENE EQUIPMENT LEAKS, AND COKE BY-PRODUCT RECOVERY PLANTS

(54FR38044, Sept. 14, 1989)	(Adopted Sept. 7, 1990)
(54FR50887, Dec. 11, 1989)	(Amended Sept. 7, 1990)
(56FR47404, Sept. 19, 1991)	(Amended April 3, 1992)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)

SUBPART M NATIONAL EMISSION STANDARD FOR ASBESTOS

(38FR8826, April 6, 1973)	(Amended Oct. 5, 1984)
(49FR13658, April 5, 1984)	(Amended Oct. 5, 1984)
(51FR8199, March 10, 1986)	(Amended April 3, 1987)
(55FR48406, November 20, 1990)	(Amended Oct. 4, 1991)
(59FR542, January 5, 1994)	(Amended August 13, 1999)
(59FR31157, June 17, 1994)	(Amended August 13, 1999)
(60FR38725, July 28, 1995)	(Amended August 13, 1999)
(60FR65243, Dec. 19, 1995)	(Amended August 13, 1999)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(68FR54790, September 18, 2003)	(Amended May 7, 2004)
(69FR43322, July 20, 2004)	(Amended Dec. 2, 2005)

SUBPART N NATIONAL EMISSION STANDARD FOR INORGANIC ARSENIC EMISSIONS FROM GLASS MANUFACTURING PLANTS

(51FR27956, August 4, 1986)	(Adopted April 3, 1987)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
<u>(79FR11228, February 27, 2014)</u>	<u>(Amended Date of Adoption)</u>

SUBPART O NATIONAL EMISSION STANDARD FOR INORGANIC ARSENIC EMISSIONS FROM PRIMARY COPPER SMELTERS

(51FR27956, August 4, 1986)	(Adopted April 3, 1987)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)

SUBPART P NATIONAL EMISSION STANDARD FOR INORGANIC ARSENIC EMISSIONS FROM ARSENIC TRIOXIDE AND METALLIC ARSENIC PRODUCTION FACILITIES

(51FR27956, August 4, 1986)	(Adopted April 3, 1987)
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SUBPART V NATIONAL EMISSION STANDARD FOR EQUIPMENT LEAKS

Proposed Amended Regulation X (Cont.)

(April 4, 2008 April 3, 2015)

(FUGITIVE EMISSION SOURCES)

(49FR23513, June 6, 1984)
(51FR34904, Sept. 30, 1986)

(Adopted Nov. 1, 1985)
(Amended April 3, 1987)

**SUBPART Y NATIONAL EMISSION STANDARD FOR BENZENE
STORAGE VESSELS**

(54FR38077, Sept. 14, 1989)
(65FR61743, October 17, 2000)

(Adopted Sept. 7, 1990)
(Amended May 11, 2001)

APPENDIX B TEST METHODS

(79FR11228, February 27, 2014)

(Amended Date of
Adoption)

ATTACHMENT D

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

~~Draft~~ Final Staff Report

Proposed Amended Regulation IX - Standards of Performance for New Stationary Sources, and Regulation X – National Emission Standards for Hazardous Air Pollutants

April 2015

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I. EXECUTIVE SUMMARY

U.S. EPA periodically promulgates new or amends existing Standards of Performance for New Stationary Sources (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP). NSPS govern the operations of all new, modified, or reconstructed sources of air pollution identified in the Code of Federal Regulations (CFR), Title 40, Chapter I, Subchapter C, Part 60 (40 CFR Part 60). NESHAP govern the operations of new and existing sources identified in the CFR, Title 40, Chapter I, Subchapter C, Part 61 (40 CFR Part 61) that emit substances designated as hazardous air pollutants pursuant to §112 of the Clean Air Act (CAA) Amendments.

To directly implement NSPS and NESHAP requirements at the local level as authorized by U.S. EPA pursuant to §301 and §§ 110, 111(c)(1), and 112(d)(1) of the CAA, SCAQMD's Board initially adopted various NSPS by reference as Regulation IX and various NESHAP as Regulation X on December 3, 1976. The adoption of NSPS and NESHAP by reference into Regulations IX and X, respectively, provides stationary sources with a single source of information for determining appropriate federal and local requirements for their specific operations. The NSPS and NESHAP standards are in effect and enforceable by SCAQMD regardless of whether SCAQMD incorporates them into Regulations IX and X. The Board has since periodically amended Regulations IX and X to incorporate new or amended standards as necessary. Regulation IX was last amended April 6, 2012 and Regulation X was last amended April 4, 2008.

In 1997, U.S. EPA delegated and/or re-delegated its authority to SCAQMD for specific sections of 40 CFR Parts 60 and 61. In 2006, 2007, 2009, 2010, 2011, and 2012, SCAQMD requested U.S. EPA delegation and re-delegation of authority for specific sections of 40 CFR Part 60 following Regulation IX amendments.

Pursuant to the 1990 Amendments to the federal CAA, U.S. EPA has established maximum achievable control technology (MACT) standards for new and existing major sources of hazardous air pollutants. The MACT standards are published in CFR, Title 40, Chapter I, Subchapter C, Part 63 (40 CFR Part 63). U.S. EPA delegated the authority for the implementation and enforcement of 40 CFR Part 63 to SCAQMD on February 27, 1997. However, SCAQMD has not established a separate regulation to incorporate the MACT standards by reference. Instead, the MACT standards are directly implemented through SCAQMD's Regulation XXX – Title V Permits, in accordance with U.S. EPA's federal Title V program requirements in CFR, Title 40, Chapter 1, Subchapter C, Part 70 – State Operating Permit Programs Categories (40 CFR Part 70).

II. BACKGROUND

On December 3, 1976, SCAQMD's Board initially adopted various NSPS by reference as Regulation IX and various NESHAP as Regulation X. The adoption of NSPS and NESHAP by reference into Regulations IX and X, respectively, provides stationary sources with a single source of information for determining appropriate federal and local requirements for their specific operations. Since sources of air pollution are required to comply with the most stringent federal, state, and local standards, criteria, and requirements set forth in Regulations IX and X and other applicable AQMD rules, the NSPS and NESHAP standards are in effect and enforceable by SCAQMD regardless of whether SCAQMD incorporates them into Regulations IX and X. The Governing Board has since periodically amended Regulations IX and X to incorporate new or amended standards as necessary. Regulation IX was last amended April 6, 2012 and Regulation X was last amended April 4, 2008.

In 1997, U.S. EPA delegated and/or re-delegated its authority to SCAQMD for specific sections of 40 CFR Parts 60 and 61, as listed in the April 23, 1997 Federal Register, Volume 62, No. 78, 19679 – 19682. In 2006, 2007, 2009, 2010, 2011, and 2012, SCAQMD subsequently requested for U.S. EPA delegation and/or re-delegation of authority for specific sections of 40 CFR Part 60 following Regulation IX amendments.

III. LEGAL AUTHORITY

Pursuant to §301 and §§110, 111(c)(1), and 112(d)(1) of the CAA, U.S. EPA is authorized to delegate authority to implement and enforce standards and related compliance periods for new, modified, or reconstructed sources of air pollution set forth in 40 CFR Part 60 and Part 61, to local air districts.

Adoption of new and amended NSPS and NESHAP into SCAQMD Regulations IX and X, respectively by reference, formally recognizes SCAQMD's authority to assist in the implementation and enforcement of these federal regulations at the local level.

The SCAQMD also has its authority to adopt, amend, or repeal rules and regulations from Health and Safety Code §§39002, 39650 et seq. 40000, 40001, 40440, 40441, 40702, and 40725 through 40728, and 41700.

IV. PROPOSED AMENDMENTS

A. *REGULATION IX PROPOSAL*

The updates included in this proposal reflect federal actions primarily between July 1, 2011 and December 31, 2014. One new NSPS for VOC emission was promulgated in 2012 by U.S. EPA for certain oil and gas production activities not covered by previous regulation, such as gas wells, centrifugal and reciprocal compressors, pneumatic controllers, and storage vessels. In addition, twelve delegable NSPS actions were amended by

U.S. EPA during this time period between July 1, 2011 and December 31, 2014. They are: (1) general provisions; (2) particulate matter (PM) standards at startup and shutdown for steam generating units; (3) oxides of nitrogen (NO_x), sulfur dioxide (SO₂), PM, and opacity limits for hospital/medical/infectious waste incinerators (HMIWI); (4) PM standards for Portland cement industry; (5) alternative testing for spark ignition internal combustion (IC) engines and time limit related to malfunction of compression ignition IC engines; (6) NO_x limit for process heaters and SO₂ standards for flares at petroleum refineries; (7) PM standards and opacity limits for recovery furnaces, smelt dissolving tanks, and lime kilns at Kraft pulp mills; (8) SO₂ standards for sweetening units and volatile organic compound (VOC) emission leaks at on-shore natural gas processing plants; (9) applicability, definition, and compliance provisions of commercial and industrial solid waste incinerators; (10) flow back provision of gas wells and VOC potential to emit (PTE) of storage vessels from crude oil and natural gas production; (11) test methods and performance specifications for various operations; and (12) quality assurance/quality control (QA/QC) for continuous opacity monitoring systems.

In addition, U.S. EPA also included minor revisions and clarifications to various subparts of 40 CFR Part 60. Since U.S. EPA does not delegate emission guidelines to the SCAQMD, the subparts related to emission guidelines are not listed for inclusion in the proposed amendments. U.S. EPA also amended various subparts of 40 CFR Part 60 related to its revised test methods.

Table 1 lists the NSPS currently proposed for incorporation by reference into SCAQMD Regulation IX.

Table 1. NSPS Proposed for Incorporation into Regulation IX

40 CFR Part 60	Title	U.S. EPA Action (date)	Reference	New Promulgation, Amendment, and Affected Provision
Subpart A	General Provisions	Final Rule, Amendment (February 27, 2014)	79 FR 11228, Vol. 79, No. 39	General Provisions to reflect revisions to definitions, test methods, etc.

Table 1. NSPS Proposed for Incorporation into Regulation IX (cont.)

40 CFR Part 60	Title	U.S. EPA Action (date)	Reference	New Promulgation, Amendment, and Affected Provision
Subpart Da	NSPS for Electric Utility Steam Generating Units	Final Rule, Amendment (November 19, 2014)	79 FR 68777, Vol. 79, No. 223	Startup and shutdown PM standards for utility steam generating units
Subpart Ec	NSPS for Hospital/Medical/ Infectious Waste Incinerators	Final Rule, Amendment, (May 13, 2013)	78 FR 28052, Vol. 78, No. 92	NO _x , SO ₂ , PM, and opacity limits for hospital/medical/ infectious waste incinerators
Subpart F	NSPS for Portland Cement Plants	Final Rule, Amendment, (February 12, 2013)	78 FR 10006, Vol. 78, No. 29	PM standards for modified, and new & reconstructed sources at Portland cement plants
Subpart III	NSPS for Stationary Compression Ignition Internal Combustion Engines	Final Rule, Amendment, (January 30, 2013)	78 FR 6674, Vol. 78, No. 20	Time limit related to malfunction of compression ignition IC engines
Subpart JJJ	NSPS for Stationary Spark Ignition Internal Combustion Engines			Alternative testing for certain large spark ignition reciprocal IC engines
Subparts Ja	NSPS for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007	Final Rule, Amendment, (September 12, 2012)	77 FR 56422, Vol. 77, No. 177	NO _x emission limit for process heaters and SO ₂ standards for flares at newly constructed, reconstructed, or modified petroleum refineries
Subparts BB and BBa	NSPS for Kraft Pulp Mills and Kraft Pulp Mill Affected Sources for Which Construction, Reconstruction, or Modification Commenced After May 23, 2013	Final Rule, Amendment, (April 4, 2014)	79 FR 18951, Vol. 79, No. 65	PM standards and opacity limits for recovery furnaces, smelt dissolving tanks, and lime kilns at Kraft pulp mills

Table 1. NSPS Proposed for Incorporation into Regulation IX (cont.)

40 CFR Part 60	Title	U.S. EPA Action (date)	Reference	New Promulgation, Amendment, and Affected Provision
Subpart LLL	NSPS for SO ₂ Emissions from On-Shore Natural Gas Processing for Which Construction, Reconstruction, or Modification Commenced After January 20, 1984, and On or Before August 23, 2011	Final Rule, Amendment, (August 16, 2012)	77 FR 49490, Vol. 77, No. 159	SO ₂ emission standards for sweetening units at on-shore natural gas processing plants
Subpart KKK	NSPS for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants for Which Construction, Reconstruction, or Modification Commenced After January 20, 1984, and On or Before August 23, 2011	Final Rule, Amendment, (August 16, 2012)	77 FR 49490, Vol. 77, No. 159	VOC emission limit for equipment leaks at on-shore natural gas processing plants
Subpart CCCC	NSPS for Commercial and Industrial Solid Waste Incineration Units	Final Rule, Amendment (February 7, 2013)	78 FR 9111 Vol. 78, No. 26	Applicability, definition, and compliance provisions of commercial and industrial solid waste incinerators

Table 1. NSPS Proposed for Incorporation into Regulation IX (cont.)

40 CFR Part 60	Title	U.S. EPA Action (date)	Reference	New Promulgation, Amendment, and Affected Provision
Subpart OOOO	NSPS for Crude Oil and Natural Gas Production, Transmission, and Distribution	Final Rule, <i>New NSPS</i> (August 16, 2012) Amendment, (December 31, 2014)	77 FR 49490 Vol. 79, No. 159 79 FR 79018 Vol. 79, No. 250	New NSPS for VOC for certain oil & gas productions not covered by existing standards (i.e., gas wells, centrifugal compressors, reciprocal compressors, pneumatic controllers, and storage vessels) Flow back provision of gas wells and VOC potential to emit of storage vessels from crude oil & natural gas production
Appendices A1-A8 and B	Test Methods and Performance Specifications	Final Rule, Amendment, (February 27, 2014)	79 FR 11228 Vol. 79, No. 39	Test methods and performance specifications, and related subparts
Appendix F	Quality Assurance Procedures	Final Rule, Amendment, (February 27, 2014)	79 FR 11228 Vol. 79, No. 39	Quality assurance procedures for continuous opacity monitoring systems (Appendix F)

B. REGULATION X PROPOSAL

Two delegable NESHAP actions were amended by U.S. EPA between July 1, 2011 and December 31, 2014 and are proposed for incorporation by reference into Regulation X. These actions include amendments to the general provisions for restructuring stationary source audit programs, and amendments to the testing regulations and test methods.

Table 2 lists the NESHAP currently proposed for incorporation by reference into SCAQMD Regulation X.

Table 2. NESHAP Proposed for Incorporation into Regulation X

40 CFR Part 61	Title	U.S. EPA Action (date)	Reference	New Promulgation, Amendment, and Affected Provision
Subpart A	General Provisions	Final Rule, Amendment (February 27, 2014)	79 FR 11228, Vol. 79, No. 39	General Provisions to reflect revisions to definitions, test methods, etc.
Appendix B and Subparts C, E, D, and N	Test Methods and Testing Regulations	Final Rule, Amendment (February 27, 2014)	79 FR 11228, Vol. 79, No. 39	Test methods and related subparts C, D, E, and N

V. SOCIOECONOMIC ASSESSMENT

The proposed NSPS and NESHAP amendments of Regulations IX and X do not impose new requirements beyond existing and enforceable the federal regulations and thus do not significantly affect air quality or emissions limitations beyond U.S. EPA's analysis. As such, there will be no socioeconomic impacts beyond what was identified for the federal NSPS and NESHAP standards and requirements.

VI. CEQA ANALYSIS

The SCAQMD has reviewed the proposed amendments to Regulations IX and X pursuant to CEQA Guidelines §15002 (k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA and CEQA Guidelines §15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA. Because the SCAQMD is proposing to incorporate federal NSPS and NESHAP requirements by reference into Regulations IX and X, respectively, without exercising discretion with regard to the proposed amendments, the project is considered to be ministerially exempt from CEQA pursuant to CEQA Guidelines §15268 – Ministerial Projects. Furthermore, the proposed amendments are considered to be categorically exempt because they are considered actions to protect or enhance the environment pursuant to CEQA Guidelines §15308 – Actions By Regulatory Agencies For Protection Of The Environment. A Notice of Exemption has been prepared pursuant to CEQA Guidelines §15062 - Notice of Exemption. If the project is approved, the Notice of Exemption will be filed with the county clerks of Los Angeles, Orange, Riverside and San Bernardino counties.

VII. FINDINGS UNDER THE HEALTH AND SAFETY CODE

Health and Safety Code Section 40727 requires the AQMD to adopt written findings of necessity, authority, clarity, consistency, non-duplication and reference.

Necessity

The SCAQMD Governing Board has determined that a need exists to amend Regulations IX and X to provide a mechanism for local enforcement and provide information to affected facilities of these federal standards.

Authority

The SCAQMD Governing Board obtains its authority to adopt, amend, or repeal rules and regulations from §§ 39002, 39650 et seq. 40000, 40001, 40440, 40441, 40702, and 40725 through 40728, and 41700 of the Health and Safety Code.

Clarity

The SCAQMD Governing Board has determined that the proposed amendments to Regulations IX and X are written or displayed so that their meanings can be easily understood by the persons directly affected by them.

Consistency

The SCAQMD Governing Board has determined that the proposed amendments to Regulations IX and X are in harmony with, and not in conflict with or contradictory to, existing statutes, court decisions, or state or federal regulations.

Non-Duplication

The SCAQMD finds that the proposed amendments to Regulations IX and X represent an adoption by reference of federal NSPS and NESHAP requirements, respectively, and that the proposed amendments to Regulations IX and X fall within the criteria and requirements in Health and Safety Code §40727.2(g).

Reference

The SCAQMD Governing Board, in adopting amendments to Regulations IX and X, references the following statutes which the SCAQMD hereby implements, interprets, or makes specific: Title 42 U.S.C. Section 7411 (performance standards for new stationary sources), Title 42 U.S.C. Section 7412 (National Emissions Standards for Hazardous Air Pollutants), Health and Safety Code §§ 40001(a) (air quality standards), 40001 (b) (air pollution episodes), 40440 (a) (rules to carry out plan), 40702 (adopt regulations to execute duties), 42301 (permit system), and 41700 (nuisance)

As the proposed amendments reference existing 40 CFR Parts 60 and 61 standards, an analysis of alternatives, comparative analysis or incremental cost analysis is not necessary.

VIII. CONCLUSION AND RECOMMENDATION

Proposed amendments to Regulations IX and X adopt by reference existing 40 CFR Parts 60 and 61 standards. Such actions in the past have provided stationary facilities with a single source of information for determining which federal, as well as local, requirements apply to their specific operations. The proposed amendments will continue this practice. The proposed amendments will not be submitted into the SIP, rather staff will request delegation for the new and re-delegation for the amended federal standards.



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

SUBJECT: NOTICE OF EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

PROJECT TITLE: PROPOSED AMENDED REGULATION IX - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES, AND, REGULATION X – NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS

Pursuant to the California Environmental Quality Act (CEQA) Guidelines, the South Coast Air Quality Management District (SCAQMD) is the Lead Agency and has prepared a Notice of Exemption for the project identified above.

The proposed project is amending Regulation IX – Standards of Performance for New Stationary Sources (NSPS), and, Regulation X – National Emission Standards for Hazardous Air Pollutants (NESHAP), to conform with federal requirements. SCAQMD staff has reviewed the proposed project pursuant to CEQA Guidelines §15002 (k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA and CEQA Guidelines §15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA.

Because the SCAQMD is proposing to incorporate federal NSPS and NESHAP requirements by reference into Regulations IX and X, respectively, without exercising discretion with regard to the proposed amendments, the project is considered to be ministerially exempt from CEQA pursuant to CEQA Guidelines §15268 – Ministerial Projects. Furthermore, the proposed amendments are considered to be categorically exempt because they are considered actions to protect or enhance the environment pursuant to CEQA Guidelines §15308 – Actions By Regulatory Agencies For Protection Of The Environment. A Notice of Exemption has been prepared pursuant to CEQA Guidelines §15062 - Notice of Exemption. If the proposed project is approved, the Notice of Exemption will be filed with the county clerks of Los Angeles, Orange, Riverside and San Bernardino counties.

Any questions regarding this Notice of Exemption should be sent to Barbara Radlein (c/o Planning, Rule Development and Area Sources) at the above address. Ms. Radlein can also be reached at (909) 396-2716. Ms. Tuyet-le Pham is also available at (909) 396-3299 to answer any questions regarding the proposed amendments.

Date: February 5, 2015

Signature: _____

Michael Krause
Program Supervisor, CEQA Section
Planning, Rules, and Area Sources

NOTICE OF EXEMPTION

To: County Clerks
Counties of Los Angeles, Orange,
Riverside and San Bernardino

From: South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

Project Title:

Proposed Amended Regulation IX – Standards of Performance for New Stationary Sources, and, Regulation X – National Emission Standards for Hazardous Air Pollutants

Project Location:

South Coast Air Quality Management District (SCAQMD) area of jurisdiction consisting of the four-county South Coast Air Basin (Orange County and the non-desert portions of Los Angeles, Riverside and San Bernardino counties), and the Riverside County portions of the Salton Sea Air Basin and the Mojave Desert Air Basin.

Description of Nature, Purpose, and Beneficiaries of Project:

The purpose of the proposed amendments is to incorporate by reference federal New Source Performance Standards (NSPS) into Regulation IX and National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements into Regulation X. The incorporation by reference of NSPS requirements into Regulation IX and NESHAP requirements into Regulation X recognizes the SCAQMD's authority to implement and enforce these federal regulations at the local level.

Public Agency Approving Project:

South Coast Air Quality Management District

Agency Carrying Out Project:

South Coast Air Quality Management District

Exempt Status:

CEQA Guidelines §15002 (k)(1) - General Concepts (Three Step Process)

CEQA Guidelines §15061 - Review for Exemption

CEQA Guidelines §15268 - Ministerial Projects

CEQA Guidelines §15308 - Actions By Regulatory Agencies For Protection Of The Environment (Class 8 Categorical Exemption)

Reasons why project is exempt:

Staff has reviewed the proposed project pursuant to CEQA Guidelines §15002 (k) – General Concepts, the three-step process for deciding which document to prepare for a project subject to CEQA and CEQA Guidelines §15061 – Review for Exemption, procedures for determining if a project is exempt from CEQA. Because the SCAQMD is incorporating federal NSPS and NESHAP requirements by reference into Regulations IX and X, respectively, without exercising discretion with regard to the proposed amendments, the project is considered to be ministerially exempt from CEQA pursuant to CEQA Guidelines §15268 – Ministerial Projects. Furthermore, the proposed amendments are considered categorically exempt because they are considered actions to protect or enhance the environment pursuant to CEQA Guidelines §15308 – Actions By Regulatory Agencies For Protection Of The Environment.

Project Approval Date:

SCAQMD Governing Board Hearing: April 3, 2015, 9:00 a.m.; SCAQMD Headquarters

CEQA Contact Person:

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Regulations Contact Person:

Ms. Tuyet-le Pham

Phone Number:

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Fax Number:

(909) 396-3324

Email:

tpham@aqmd.gov

Date Received for Filing: _____

Signature: _____

(Signed Upon Project Approval)

Michael Krause
Program Supervisor, CEQA Section
Planning, Rule Development & Area Sources