(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 April 6, 2012)(Amended April 3, 2015)
(Amended October 7, 2016)

#### **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)
(401 K33340, Nov. 17, 1973)	(Adopted Dec. 5, 1970) (Amended Oct. 5, 1984)
(52ED17555 May 11 1097)	(Amended May 5, 1989)
(52FR17555, May 11, 1987)	
(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)
(79FR11228, February 27,	(Amended April 3, 2015)
2014)	(
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# SUBPART D STANDARDS OF PERFORMANCE FOR FOSSIL-FUELFIRED 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)
(79FR68777, November 19,	(Amended April 3, 2015)
2014)	
(81FR20171, April 6, 2016)	(Amended October 7, 2016)

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) (51FR42839, Nov. 26, 1986)	(Adopted April 3, 1987)
(51FR42768, Nov. 25, 1986) (51FR42839, Nov. 26, 1986) (52FR47826, Dec. 16, 1987) (54FR51820, Dec. 18, 1989) (63FR4992, Sept. 16, 1998) (65FR13242, March 13, 2000) (65FR61743, October 17, 2000) (66FR18546, April 10, 2001) (66FR31177, June 11, 2001) (66FR42608, August 14, 2001) (66FR49830, October 1, 2001) (71FR9866, February 27, 2006) (71FR33388, June 9, 2006) (72FR32710, June 13, 2007)	(Adopted April 3, 1987)  (Amended May 5, 1989) (Amended, Sept. 7, 1990) (Amended August 13, 1999) (Amended May 11, 2001) (Amended May 11, 2001) (Amended April 5, 2002) (Amended April 5, 2002) (Amended April 5, 2002) (Amended April 5, 2002) (Amended April 6, 2007) (Amended April 6, 2007) (Amended April 4, 2008)
(74FR5072, January 28, 2009) (76FR3517, January 20, 2011) (79FR11228, February 27, 2014)	(Amended March 5, 2010) (Amended April 6, 2012) (Amended April 3, 2015)

## 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)
	. , ,

#### 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)
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## 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)
(78FR28052, May 13, 2013)	(Amended April 3, 2015)

## SUBPART F STANDARDS OF PERFORMANCE FOR PORTLAND CEMENT PLANTS

(36FR24877, Dec. 23, 1971)	(Adopted Dec. 3, 1976)
(53FR50354 Dec. 14, 1988)	(Amended May 5, 1989)
(61FR14637, April 3, 1996)	(Amended August 13, 1999)
(65FR61743, Oct. 17, 2000)	(Amended May 11, 2001)
(75FR54970, Sept. 9, 2010)	(Amended March 4, 2011)
(78FR10006, February 12,	(Amended April 3, 2015)
2013) (80FR44771, July 27, 2015)	(Amended October 7, 2016)

## 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)	(Adopted Dec. 3, 1976)
(65FR61743, Oct. 17, 2000)	(Amended May 11, 2001)
(79FR11228, February 27,	(Amended April 3, 2015)
2014)	

## SUBPART I STANDARDS OF PERFORMANCE FOR ASPHALTIC CONCRETE PLANTS

(39FR9314, March 8, 1974)	(Adopted Dec. 3, 1976)
(51FR12324, April 10, 1986)	(Amended April 3, 1987)

## SUBPART J STANDARDS OF PERFORMANCE FOR PETROLEUM REFINERIES

(39FR9315, March 8, 1974)	(Adopted Dec. 3, 1976)
(51FR42839, Nov. 26, 1986)	(Amended Feb. 13, 1981)
,	(Amended April 3, 1987)
(54FR34008, Aug. 17, 1989)	(Amended Sept. 7, 1990)
(55FR40171, Oct. 2, 1990)	(Amended Oct. 4, 1991)
(65FR61743, Oct. 17, 2000)	(Amended May 11, 2001)
(73FR35838, June 24, 2008)	(Amended April 3, 2009)
(80FR75177, December 1,	(Amended October 7, 2016)
2015)	

## SUBPART Ja STANDARDS OF PERFORMANCE FOR PETROLEUM

REFINERIES FOR WHICH CONSTRUCTION, RECONSTRUCTION, OR MODIFICATION COMMENCED AFTER May 14, 2007

(73FR35838, June 24, 2008)	(Adopted April 3, 2009)
(73FR55751, Sept. 26, 2008)	(Amended April 3, 2009)
(73FR78546, Dec. 22, 2008)	(Amended April 3, 2009)

**SUBPART N** 

	(73FR78549, Dec. 22, 2008) (76FR10524, Feb.25, 2011) (77FR56422, September 12, 2012) (80FR75177, December 1, 2015)	(Amended April 3, 2009) (Amended April 6, 2012) (Amended April 3, 2015) (Amended October 7, 2016)
SUBPART K	STANDARDS OF PERFORMANC VESSELS FOR PETROLEUM LIG AFTER JUNE 11, 1973, AND PRICE	QUIDS CONSTRUCTED
	(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 PERFORMANC VESSELS FOR PETROLEUM LIG 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) (65FR2336, January 14, 2000) (65FR61743, October 17, 2000)	(Amended May 5, 1989) (Amended May 11, 2001) (Amended May 11, 2001)
SUBPART Kb	STANDARDS OF PERFORMANC VESSELS FOR PETROLEUM LIC CONSTRUCTION, RECONSTRU MODIFICATION COMMENCED	QUIDS FOR WHICH CTION, OR
	(52FR11420, April 8, 1987) and (52FR22779, June 16, 1987) (54FR32972, August 11, 1989) (65FR2336, January 14, 2000) (65FR61743, October 17, 2000)	(Adopted May 5, 1989) (Amended Sept. 7, 1990) (Amended May 11, 2001) (Amended May 11, 2001)
SUBPART L	STANDARDS OF PERFORMANC LEAD SMELTERS	CE FOR SECONDARY
	(39FR9317, March 8, 1974) (65FR61743, October 17, 2000)	(Adopted Dec. 3, 1976) (Amended May 11, 2001)
	(031 R01743, October 17, 2000)	(1 mienaca may 11, 2001)
SUBPART M	STANDARDS OF PERFORMANC BRASS AND BRONZE PRODUCT	CE FOR SECONDARY
SUBPART M	STANDARDS OF PERFORMANO	CE FOR SECONDARY

STEEL PLANTS

STANDARDS OF PERFORMANCE FOR IRON AND

(39FR9318, March 8, 1974)	(Adopted Dec. 3, 1976)
(51FR150, Jan. 2, 1986)	(Amended June 5, 1981) (Amended April 3, 1987)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)

## SUBPART Na STANDARDS OF PERFORMANCE FOR BASIC OXYGEN PROCESS FURNACES

(51FR150, Jan. 2, 1986) (Adopted April 3, 1987) (65FR61743, October 17, 2000) (Amended May 11, 2001)

## SUBPART O STANDARDS OF PERFORMANCE FOR SEWAGE TREATMENT PLANTS

(39FR9319, March 8, 1974)	(Adopted Dec. 3, 1976)
(51FR13432, April 18, 1986)	(Amended Oct. 3, 1986)
(54FR27015, June 27, 1989)	(Amended Sept. 7, 1990)
(59FR5107, February 3, 1994)	(Amended Dec. 12, 1997)
(65FR61743, October 17, 2000)	(Amended May 11, 2001)
(79FR11228, February 27, 2014)	(Amended April 3, 2015)

## SUBPART P STANDARDS OF PERFORMANCE FOR PRIMARY COPPER SMELTERS

(41FR2338, Jan. 15, 1976) (Adopted Nov. 1, 1985) (65FR61743, October 17, 2000) (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) (Adopted Nov. 1, 1985) (65FR61743, October 17, 2000) (Amended May 11, 2001)

## SUBPART T STANDARDS OF PERFORMANCE FOR THE

PHOSPHATE FERTILIZER INDUSTRY: WET-PROCESS PHOSPHORIC ACID PLANTS

(40FR33154, August 6, 1975) (Adopted Dec. 3, 1976) (Amended August 5,

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

#### SUBPART U STANDARDS OF PERFORMANCE FOR THE

PHOSPHATE FERTILIZER INDUSTRY: SUPERPHOSPHORIC ACID PLANTS

(40FR33155, August 6, 1975) (Adopted Dec. 3, 1976)

(Amended Aug. 5, 1983)

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

#### SUBPART V STANDARDS OF PERFORMANCE FOR THE

PHOSPHATE FERTILIZER INDUSTRY: DIAMMONIUM

PHOSPHATE PLANTS

(40FR33155, August 6, 1975) (Adopted Dec. 3, 1976)

(Amended Aug. 5, 1983)

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

#### SUBPART W STANDARDS OF PERFORMANCE FOR THE

PHOSPHATE FERTILIZER INDUSTRY: TRIPLE

SUPERPHOSPHATE PLANTS

(40FR33156, August 6, 1975) (Adopted Dec. 3, 1976)

(Amended Aug. 5, 1983)

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

#### SUBPART X STANDARDS OF PERFORMANCE FOR THE

PHOSPHATE FERTILIZER INDUSTRY: GRANULAR TRIPLE SUPERPHOSPHATE STORAGE FACILITIES

(40FR33156, August 6, 1975) (Adopted Dec. 3, 1976)

(Amended August 5, 1983)

(62FR18277, April 15, 1997) (Amended August 13, 1999)

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

## SUBPART Y STANDARDS OF PERFORMANCE FOR COAL

PREPARATION PLANTS

(41FR2234, Jan. 15, 1976) (Adopted Dec. 3, 1976) (63FR53288, Oct. 5, 1998) (Amended Aug. 13, 1999) (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 AAa

#### STANDARDS OF PERFORMANCE FOR STEEL PLANTS: 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 April 3, 2015)

#### SUBPART BBa

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

(79FR18952, April 4, 2014) (Amended April 3, 2015)

#### **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)

<u>Note:</u> 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 April 3, 2015)

## 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 April 3, 2015)

## 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 April 3, 2015)

## SUBPART ST MM AN

# STANDARDS OF PERFORMANCE FOR AUTOMOBILE 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)

<u>Note:</u> 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 SCAOMD.

## 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)

<u>Note:</u> 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 STANDA

# 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 April 3, 2015)

#### 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 PEFORMANCE 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 WW

## STANDARDS OF PERFORMANCE FOR THE BEVERAGE 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)

<u>Note:</u> 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 AAA

## STANDARDS OF PERFORMANCE FOR NEW 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)
(80FR13671, March 16, 2015)	(Amended October 7, 2016)

#### SUBPART BBB

## STANDARDS OF PERFORMANCE FOR THE RUBBER 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 DDD

# STANDARDS OF PERFORMANCE FOR VOLATILE 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 FFF

## STANDARDS OF PERFORMANCE FOR FLEXIBLE VINYL AND URETHANE COATING AND PRINTING

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

<u>Note:</u> 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 GGG

# STANDARDS OF PERFORMANCE FOR EQUIPMENT 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)

## SUBPART GGGa

STANDARDS OF PERFORMANCE FOR EQUIPMENT 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 HHH

## STANDARDS OF PERFORMANCE FOR SYNTHETIC 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 April 3, 2015)

#### 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 April 3, 2015)

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

(55FR26931, June 29, 1990) (Adopted Oct. 4, 1991) (65FR61743, October 17, 2000) (Amended May 11, 2001) (79FR11228, February 27, 2014) (Amended April 3, 2015)

SUBPART OOO STANDARDS OF PERFORMANCE FOR NONMETALLIC MINERAL PROCESSING PLANTS

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

SUBPART PPP STANDARDS OF PERFORMANCE FOR WOOL FIBERGLASS INSULATION MANUFACTURING PLANTS

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

SUBPART QQQ STANDARDS OF PERFORMANCE FOR VOC 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 RRR STANDARDS OF PERFORMANCE FOR VOLATILE ORGANIC COMOPOUND (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 SSS

STANDARDS OF PERFORMANCE FOR THE MAGNETIC TAPE MANUFACTURING INDUSTRY

(53FR38892, Oct. 3, 1988) and (53FR47955, Nov. 29, 1988) (Adopted May 5, 1989) SUBPART TTT STANDARDS OF PERFORMANCE FOR INDUSTRIAL SURFACE COATING PLASTIC PARTS FOR BUSINESS MACHINES

(53FR2672, Jan. 29, 1988) and (53FR1930). May 27, 1988)

(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 UUU

STANDARDS OF PERFORMANCE FOR CALCINERS 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) (63FR32743, June 16, 1998) (64FR9258, February 24, 1999) (65FR18906, April 10, 2000) (65FR61743, October 17, 2000) (Adopted Dec. 12, 1997) (Amended Aug. 13, 1999) (Amended April 21, 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)

 (78FR9111, February 7, 2013)
 (Amended April 3, 2015)

SUBPART EEEE STANDARDS OF PERFORMANCE FOR OTHER SOLID WASTE INCINERATION UNITS

(70FR74870, December 16, (Amended April 6, 2007) 2005)

(71FR67802, Nov. 24, 2006)	(Amended April 6, 2007)

#### SUBPART IIII

# 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 April 3, 2015)

#### 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 April 3, 2015)

#### 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 April 3, 2015) (79FR79018, December 31, (Amended April 3, 2015) 2014)

(80FR48262, August 12, 2015) (Amended October 7, 2016)

#### SUBPART OOOOa

### STANDARDS OF PERFORMANCE FOR CRUDE OIL AND NATURAL GAS FACILITIES FOR WHICH CONSTRUCTION, MODIFICATION, OR RECONSTRUCTION COMMENCED AFTER SEPTEMBER 18, 2015

(81FR35823, June 3, 2016) (Amended October 7, 2016)

## SUBPART QQQQ

#### STANDARDS OF PERFORMANCE FOR NEW RESIDENTIAL WOOD HEATERS, NEW RESIDENTIAL HYDRONIC HEATERS AND FORCED-AIR FURNACES

(80FR13671, March 16, 2015) (Amended October 7, 2016)

APPENDIX A-8

STANDARDS OF PERFORMANCE FOR GREENHOUSE **SUBPART** GAS EMISSIONS FROM NEW, MODIFIED, AND **TTTT** RECONSTRUCTED STATIONARY SOURCES: **ELECTRIC UTILITY GENERATING UNITS** (80FR64509, October 23, 2015) (Amended October 7, 2016) **TEST METHODS 1 THROUGH 2F APPENDIX A-1** (79FR11228, February 27, 2014) (Amended April 3, 2015) **TEST METHODS 2G THROUGH 3C APPENDIX A-2** (79FR11228, February 27, 2014) (Amended April 3, 2015) **TEST METHODS 4 THROUGH 5I APPENDIX A-3** (79FR11228, February 27, 2014) (Amended April 3, 2015) **TEST METHODS 6 THROUGH 10B APPENDIX A-4** (79FR11228, February 27, 2014) (Amended April 3, 2015) **APPENDIX A-5 TEST METHODS 11 THROUGH 15 A** (79FR11228, February 27, 2014) (Amended April 3, 2015) **TEST METHODS 16 THROUGH 18 APPENDIX A-6** (79FR11228, February 27, 2014) (Amended April 3, 2015) **TEST METHODS 19 THROUGH 25E APPENDIX A-7** (79FR11228, February 27, 2014) (Amended April 3, 2015)

**TEST METHODS 26 THROUGH 30B** 

## (751K11220, 1 coldary 27, 2011)

(79FR11228, February 27, 2014) (Amended April 3, 2015)

## APPENDIX B PERFORMANCE SPECIFICATIONS

(79FR11228, February 27, 2014) (Amended April 3, 2015)

## APPENDIX F QUALITY ASSURANCE PROCEDURES

(79FR11228, February 27, 2014) (Amended April 3, 2015)