

(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)(Amended April 3, 2015)  
(Amended October 7, 2016)(Amended July 12, 2019)

## **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)
(79FR11228, February 27, 2014)	(Amended April 3, 2015)
(81FR 59809, August 30, 2016)	(Amended July 12, 2019)
(83FR 56713, November 14, 2018)	(Amended July 12, 2019)

**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)
(79FR68777, November 19, 2014)	(Amended April 3, 2015)
(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 South Coast Air Quality Management District.

**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)
(79FR11228, February 27, 2014)	(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)
(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)
(78FR28052, May 13, 2013)	(Amended April 3, 2015)

<b>SUBPART F</b>	<b>STANDARDS OF PERFORMANCE FOR PORTLAND CEMENT PLANTS</b>	
	(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, 2013)	(Amended April 3, 2015)
	(80FR44771, July 27, 2015)	(Amended October 7, 2016)
<b>SUBPART G</b>	<b>STANDARDS OF PERFORMANCE FOR NITRIC ACID PLANTS</b>	
	(39FR20794, June 14, 1974)	(Adopted Dec. 3, 1976)
<b>SUBPART H</b>	<b>STANDARDS OF PERFORMANCE FOR SULFURIC ACID PLANTS</b>	
	(39FR20794, June 14, 1974)	(Adopted Dec. 3, 1976)
	(65FR61743, Oct. 17, 2000)	(Amended May 11, 2001)
	(79FR11228, February 27, 2014)	(Amended April 3, 2015)
<b>SUBPART I</b>	<b>STANDARDS OF PERFORMANCE FOR ASPHALTIC CONCRETE PLANTS</b>	
	(39FR9314, March 8, 1974)	(Adopted Dec. 3, 1976)
	(51FR12324, April 10, 1986)	(Amended April 3, 1987)
<b>SUBPART J</b>	<b>STANDARDS OF PERFORMANCE FOR PETROLEUM REFINERIES</b>	
	(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, 2015)	(Amended October 7, 2016)

**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)
(73FR78549, Dec. 22, 2008)	(Amended April 3, 2009)
(76FR10524, Feb.25, 2011)	(Amended April 6, 2012)
(77FR56422, September 12, 2012)	(Amended April 3, 2015)
(80FR75177, December 1, 2015)	(Amended October 7, 2016)

**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)

<b>SUBPART L</b>	<b>STANDARDS OF PERFORMANCE FOR SECONDARY LEAD SMELTERS</b>	
	(39FR9317, March 8, 1974) (65FR61743, October 17, 2000)	(Adopted Dec. 3, 1976) (Amended May 11, 2001)
<b>SUBPART M</b>	<b>STANDARDS OF PERFORMANCE FOR SECONDARY BRASS AND BRONZE PRODUCTION PLANTS</b>	
	(39FR9318, March 8, 1974) (49FR21864, Mar. 23, 1984) (65FR61743, October 17, 2000)	(Adopted Dec. 3, 1976) (Amended Oct. 5, 1984) (Amended May 11, 2001)
<b>SUBPART N</b>	<b>STANDARDS OF PERFORMANCE FOR IRON AND STEEL PLANTS</b>	
	(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)
<b>SUBPART Na</b>	<b>STANDARDS OF PERFORMANCE FOR BASIC OXYGEN PROCESS FURNACES</b>	
	(51FR150, Jan. 2, 1986) (65FR61743, October 17, 2000)	(Adopted April 3, 1987) (Amended May 11, 2001)
<b>SUBPART O</b>	<b>STANDARDS OF PERFORMANCE FOR SEWAGE TREATMENT PLANTS</b>	
	(39FR9319, March 8, 1974) (51FR13432, April 18, 1986) (54FR27015, June 27, 1989) (59FR5107, February 3, 1994) (65FR61743, October 17, 2000) (79FR11228, February 27, 2014)	(Adopted Dec. 3, 1976) (Amended Oct. 3, 1986) (Amended Sept. 7, 1990) (Amended Dec. 12, 1997) (Amended May 11, 2001) (Amended April 3, 2015)
<b>SUBPART P</b>	<b>STANDARDS OF PERFORMANCE FOR PRIMARY COPPER SMELTERS</b>	
	(41FR2338, Jan. 15, 1976) (65FR61743, October 17, 2000)	(Adopted Nov. 1, 1985) (Amended May 11, 2001)
<b>SUBPART Q</b>	<b>STANDARDS OF PERFORMANCE FOR PRIMARY ZINC SMELTERS</b>	
	(41FR2340, Jan. 15, 1976)	(Adopted Nov. 1, 1985)





<b>SUBPART X</b>	<b>STANDARDS OF PERFORMANCE FOR THE PHOSPHATE FERTILIZER INDUSTRY: GRANULAR TRIPLE SUPERPHOSPHATE STORAGE FACILITIES</b>	(40FR33156, August 6, 1975)  (62FR18277, April 15, 1997) (65FR61743, October 17, 2000)	(Adopted Dec. 3, 1976) (Amended August 5, 1983) (Amended August 13, 1999) (Amended May 11, 2001)
<b>SUBPART Y</b>	<b>STANDARDS OF PERFORMANCE FOR COAL PREPARATION PLANTS</b>	(41FR2234, Jan. 15, 1976) (63FR53288, Oct. 5, 1998) (65FR61743, October 17, 2000) (74FR51950, October 8, 2009)	(Adopted Dec. 3, 1976) (Amended Aug. 13, 1999) (Amended May 11, 2001) (Amended March 5, 2010)
<b>SUBPART Z</b>	<b>STANDARDS OF PERFORMANCE FOR FERRO-ALLOY PRODUCTION FACILITIES</b>	(41FR18501, May 4, 1976) (55FR5211, Feb. 14, 1990) (65FR61743, October 17, 2000)	(Adopted Nov. 1, 1985) (Amended Oct. 4, 1991) (Amended May 11, 2001)
<b>SUBPART AA</b>	<b>STANDARDS OF PERFORMANCE FOR STEEL PLANTS: ELECTRIC ARC FURNACES CONSTRUCTED AFTER OCT. 21, 1974, AND ON OR BEFORE AUG. 17, 1983</b>	(40FR43852, Sept. 23, 1975) (40FR43838, Oct. 31, 1984) (64FR10105, March 2, 1999) (65FR61743, October 17, 2000) (70FR8523, February 22, 2005)	(Adopted Dec. 3, 1976) (Amended June 7, 1985) (Amended April 21, 2000) (Amended May 11, 2001) (Amended Sept. 8, 2006)
<b>SUBPART AAa</b>	<b>STANDARDS OF PERFORMANCE FOR STEEL PLANTS: ELECTRIC ARC FURNACES AND ARGON-OXYGEN DECARBURIZATION VESSELS CONSTRUCTED AFTER AUGUST 17, 1983</b>	(49FR43838, Oct. 3, 1984) (64FR10105, March 2, 1999) (65FR61743, October 17, 2000) (70FR8523, February 22, 2005)	(Adopted June 7, 1985) (Amended April 21, 2000) (Amended May 11, 2001) (Amended Sept. 8, 2006)
<b>SUBPART BB</b>	<b>STANDARDS OF PERFORMANCE FOR KRAFT PULP MILLS</b>		

(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)
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**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 South Coast Air Quality Management District.

**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 MM 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)  |
- 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 South Coast Air Quality Management District.

**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 South Coast Air Quality Management District.

**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 South Coast Air Quality Management District.

**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 South Coast Air Quality Management District.

- 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 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 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 South Coast Air Quality Management District.
- 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)  
(80FR13671, March 16, 2015) (Amended October 7, 2016)

**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 South Coast Air Quality Management District.

**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 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: SO<sub>2</sub> 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)
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(65FR61743, October 17, 2000) (Amended May 11, 2001)  
(79FR11228, February 27, 2014) (Amended April 3, 2015)

**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 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) (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 XXX STANDARDS OF PERFORMANCE FOR MUNICIPAL SOLID WASTE LANDFILLS THAT COMMENCED CONSTRUCTION, RECONSTRUCTION, OR MODIFICATION AFTER JULY 14, 2014**

(81FR59368, August 29, 2016) (Amended July 12, 2019)

**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)  
(81FR40970, June 23, 2016) (Amended July 12, 2019)

**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 April 3, 2015)  
(81FR44212, June 23, 2016) (Amended July 12, 2019)

**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)  
(81FR59809, August 30, 2016) (Amended July 12, 2019)

**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, 2014) (Amended April 3, 2015)  
(80FR48262, August 12, 2015) (Amended October 7, 2016)

**SUBPART STANDARDS OF PERFORMANCE FOR CRUDE OIL AND**

**OOOOa NATURAL GAS FACILITIES FOR WHICH  
CONSTRUCTION, MODIFICATION, OR  
RECONSTRUCTION COMMENCED AFTER SEPTEMBER  
18, 2015**

(81FR35823, June 3, 2016) (Amended October 7, 2016)  
(83FR10628, March 12, 2018) (Amended July 12, 2019)

**SUBPART STANDARDS OF PERFORMANCE FOR NEW  
QQQQ RESIDENTIAL WOOD HEATERS, NEW RESIDENTIAL  
HYDRONIC HEATERS AND FORCED-AIR FURNACES**

(80FR13671, March 16, 2015) (Amended October 7, 2016)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)

**SUBPART STANDARDS OF PERFORMANCE FOR GREENHOUSE  
TTTT GAS EMISSIONS FROM NEW, MODIFIED, AND  
RECONSTRUCTED STATIONARY SOURCES: ELECTRIC  
UTILITY GENERATING UNITS**

(80FR64509, October 23, 2015) (Amended October 7, 2016)

**APPENDIX A-1 TEST METHODS 1 THROUGH 2F**

(79FR11228, February 27, 2014) (Amended April 3, 2015)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)

**APPENDIX A-2 TEST METHODS 2G THROUGH 3C**

(79FR11228, February 27, 2014) (Amended April 3, 2015)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)

**APPENDIX A-3 TEST METHODS 4 THROUGH 5I**

(79FR11228, February 27, 2014) (Amended April 3, 2015)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)

**APPENDIX A-4 TEST METHODS 6 THROUGH 10B**

(79FR11228, February 27, 2014) (Amended April 3, 2015)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)

**APPENDIX A-5 TEST METHODS 11 THROUGH 15 A**

(79FR11228, February 27, 2014) (Amended July 12, 2019)  
(83FR56713, November 14, 2018)

**APPENDIX A-6 TEST METHODS 16 THROUGH 18**

(79FR11228, February 27, 2014) (Amended April 3, 2015)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)

**APPENDIX A-7 TEST METHODS 19 THROUGH 25E**

(79FR11228, February 27, 2014) (Amended April 3, 2015)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)

**APPENDIX A-8 TEST METHODS 26 THROUGH 30B**

(79FR11228, February 27, 2014) (Amended April 3, 2015)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)

**APPENDIX B PERFORMANCE SPECIFICATIONS**

(79FR11228, February 27, 2014) (Amended April 3, 2015)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)

**APPENDIX F QUALITY ASSURANCE PROCEDURES**

(79FR11228, February 27, 2014) (Amended April 3, 2015)  
(83FR56713, November 14, 2018) (Amended July 12, 2019)