

Eastern Kern Air Pollution Control District

Rule 422

**NEW SOURCE PERFORMANCE STANDARDS
(NSPS)**

AND

RULE 423

**NATIONAL EMISSION STANDARDS FOR HAZARDOUS
AIR POLLUTANTS AND SOURCE CATEGORIES
(NESHAPs)**

STAFF REPORT

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I. INTRODUCTION

The Eastern Kern Air Pollution Control District (District) is proposing to adopt amendments to Rule 422, New Source Performance Standards (NSPS) and Rule 423, National Emission Standards for Hazardous Air Pollutants and Source Categories (NESHAPS). The primary reason for amending Rules 422 and 423 is to update the source categories and standards promulgated by the U.S. Environmental Protection Agency (EPA). This staff report presents the proposed amendments made to both Rules.

On November 2, 2018 the District held a public rule development workshop at the Mojave Veteran's Building in Mojave, CA. At this workshop District staff presented proposed amendments to Rules 422 and 423. A 30-day public review and comment period followed the workshop ending December 4, 2017. The District received no comments by the close of the 30-day review period.

Amended Rules 422 and 423 will be presented to the District's Governing Board for adoption at its regular Board Meeting held January 11, 2018, at the Tehachapi Police Department Community Room, located at: 220 West "C" Street, Tehachapi, California and at the Ridgecrest City Hall, located at: 100 West California Avenue, Ridgecrest, California.

Appendix A is the revised ~~strikeout~~ underline version of Rule 422 New Source Performance Standards (NSPS).

Appendix B is the revised ~~strikeout~~ underline version of Rule 423 National Emission Standards for Hazardous Air Pollutants and Source Categories (NESHAPS).

II. BACKGROUND

The federal Clean Air Act (FCAA) requires EPA to establish New Source Performance Standards (NSPS) for sources emitting pollutants that affect national ambient air quality standards (NAAQS). Sources constructed or significantly modified after applicability date(s) are subject to the conditions of the appropriate standard.

The FCAA also requires EPA to develop standards for Hazardous air pollutants (HAP) based on stringent air pollution measures known as Maximum Achievable Control Technology (MACT). MACT standards are titled as "National Emission Standard for Hazardous Air Pollutants" (NESHAP) in the Code of Federal Regulations. These standards are separated by source categories.

Facilities that are subject to MACT standards are major sources with toxic emissions greater than 10 tons per year (tpy) of a single HAP or 25 tpy of any combination of HAPs. EPA promulgates new standards and revisions to existing standards as needed. The authority to implement and enforce these standards is delegated to local air pollution control districts on a case-by-case basis.

Rule 422 incorporates by reference the NSPS as promulgated by EPA and codified into 40 CFR Parts 60. Rule 423 incorporates by reference the NESHAPs as promulgated by EPA and codified into 40 CFR Parts 61 and 63.

EPA develops and adds new source categories to the NSPS and NESHAP as needed. Therefore, the District periodically reviews 40 CFR Parts 60, 61 and 63, for newly delegated source categories to include in Rules 422 and 423. Amendments to Rules 422 and 423 reflect revisions to the NSPS and NESHAP up to October 10, 2017.

III. PROPOSED REVISIONS TO RULE 422

Staff is proposing to amend Rule 422 to incorporate the following revised and new NSPS Subparts as promulgated by U.S. EPA.

40 CFR 60

Updated Subpart Titles:

- Ea, Municipal Waste Combustors Constructed After December 20, 1989 and on or Before September 20, 1994 (Not Delegated)Y, Coal Preparation and Processing Plants
- Eb, Large Municipal Waste Combustors Constructed After September 20, 1994 (Not Delegated)
- Ec, Hospital/Medical/Infectious Waste Incinerators Constructed After June 20, 1996 (Not Delegated)
- I, Hot Mix Asphalt Facilities (Not Delegated)
- N, Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973
- Na, Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced After January 20, 1983
- VV, Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry
- GGG, Equipment Leaks of VOC in Petroleum Refineries
- III, Volatile Organic Compound (VOC) Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes
- NNN, Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations
- QQQ, VOC Emissions from Petroleum Refinery Wastewater Systems
- RRR, Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes

Added Subpart:

- LLLL, New Sewage Sludge Incineration Units (Not Delegated)

See Appendix A for all proposed changes to Rule 422.

IV. PROPOSED REVISIONS TO RULE 423

Staff is proposing to amend Rule 423 to incorporate the following revised and new NESHAP Subparts as promulgated by U.S. EPA.

40 CFR 61

Updated Subpart Titles:

- L, Benzene Emissions from Coke By-Product Recovery Plants
- N, Inorganic Arsenic Emissions from Glass Manufacturing Plants
- O, Inorganic Arsenic Emissions from Primary Copper Smelters
- P, Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities
- Y, Benzene Emissions from Benzene Storage Vessels
- BB, Benzene Emissions from Benzene Transfer Operations

40 CFR 63

Updated Subpart Titles:

- U, Group I Polymers and Resins (Elastomers)
- Y, Marine Tank Vessel Loading Operations
- YY, Generic Maximum Achievable Control Technology Standards
- JJJ, Group IV Polymers and Resins (thermoplastics)
- OOO, Manufacture of Amino/Phenolic Resins
- CCCC, Manufacturing of Nutritional Yeast
- EEEE, Organic Liquids Distribution (non-gasoline) (See District Rules 410, Organic Solvents; 411, Storage of Organic Liquids; and 413, Organic Liquid Loading)
- FFFF, Miscellaneous Organic Chemical Manufacturing (MON)
- GGGG, Solvent Extraction for Vegetable Oil Production
- HHHH, Wet-Formed Fiberglass Mat Production
- JJJJ, Paper and other Web (Surface Coating) (See District Rule 410.7, Graphic Arts)
- KKKK, Metal Can Coating
- MMMM, Miscellaneous Metal Parts and Products
- NNNN, Large Appliances (surface coating)
- OOOO, Fabric Printing, Coating, and Dyeing
- PPPP, Plastic Parts (surface coating)
- QQQQ, Wood Building Products (See District Rule 410.1A, Architectural Coating Controls)
- RRRR, Metal Furniture (surface coating)
- YYYYY, Stationary Combustion Turbines (See District Rule 425, Cogeneration Gas Turbine Engines (Oxides of Nitrogen))
- QQQQQ, Friction Materials Manufacturing
- WWWWWW, Plating and Polishing Operations Area Sources
- XXXXXX, Nine Metal Fabrication and Finishing Area Sources
- YYYYYYY, Ferroalloys Production Facilities Area Sources

- ZZZZZZ, Aluminum, Copper, and Other Nonferrous Foundries Area Sources
- AAAAAAA, Asphalt Processing and Asphalt Roofing Manufacturing Area Sources
- BBBBBBBB, Chemical Preparations Industry Area Sources
- CCCCCC, Paints and Allied Products Manufacturing Area Sources
- DDDDDDD, Prepared Feeds Area Sources

Added Subparts:

- ZZZZ, Reciprocating Internal Combustion Engines (RICE)
- JJJJJJ, Industrial, Commercial, and Institutional Boilers: Area Sources
- EEEEEEE, Gold Mine Ore Processing and Production Area Sources
- FFFFFFFF, (Reserved)
- GGGGGGG, (Reserved)
- HHHHHHH, Polyvinyl Chloride and Copolymers Production

See Appendix B for all proposed changes to Rule 423.

V. DELEGATIONS

The sections below list the Subparts that have not been delegated to the District.

40 CFR Part 60 NSPS

The following provisions of Subpart A, General Provisions are not delegated: Sections 60.4(b), 60.8(b), 60.9, 60.11(b), 60.11(e), 60.13(a), 60.13(d)(2), 60.13(g), and 60.13(i). Subpart B and Subpart C (NSPS Subparts Ca - Ce) have not been delegated to state and local agencies. Subparts B and C describe requirements for states to adopt and submit plans for designated facilities. These State Plans must be reviewed and approved by EPA. The authority to approve State Plans cannot be delegated to states.

In addition, the following Subparts of 40 CFR Part 60 have not been delegated:

- Ea, Municipal Waste Combustors constructed after December 20, 1989 and on or Before September 20, 1994
- Eb, Large Municipal Waste Combustors constructed after September 20, 1994 or for Which Modification or Reconstruction is Commenced After June 19, 1996
- Ec, Hospital/Medical/Infectious Waste Incinerators constructed after June 20, 1996
- H, Sulfuric Acid Plants
- I, Hot Mix Asphalt Facilities
- Ja, Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007
- VVa, Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006
- XX, Bulk Gasoline Terminals

- GGGa, Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006
- TTT, Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines
- AAAA, Small Municipal Waste Combustion Units for Which Combustion is Commenced After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001
- BBBB, Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999
- CCCC, Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 or for Which Modification or Reconstruction is Commenced on or After June 1, 2001
- DDDD, Commercial and Industrial Solid Waste Incineration Units that Commenced Construction on or Before November 30, 1999
- EEEE, Other Solid Waste Incineration Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is Commenced on or After June 16, 2006
- FFFF, Other Solid Waste Incineration Units That Commenced Construction On or Before December 9, 2004
- HHHH, Coal-Fired Electric Steam Generating Units
- IIII, Stationary Compression Ignition Internal Combustion Engines
- JJJJ, Stationary Spark Ignition Internal Combustion Engines
- KKKK, Stationary Combustion Turbines
- LLLL, New Sewage Sludge Incineration Units

40 CFR Part 61 NESHAP

The following provisions of Subpart A, General Provisions have not been delegated to California Air Districts: Sections 61.04(b), 61.04(c), 61.05(c), 61.11, 61.12(d), 61.13(h)(1)(ii), 61.14(d), 61.14(g)(1)(ii), and 61.16.

In addition, the following Subparts of 40 CFR Part 61 have not been delegated:

- B, Radon Emissions from Underground Uranium Mines
- H, Department of Energy Facilities
- I, Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Federal Facilities not Covered by Subpart H
- K, Radionuclide Emissions From Elemental Phosphorus Plants
- Q, Department of Energy Facilities
- R, Phosphogypsum Stacks
- T, Disposal of Uranium Mill Tailings
- W, Radon Emissions From Operating Mill Tailings

40 CFR Part 63 NESHAP for Source Categories (MACT Standards)

The following provisions of Subpart A, General Provisions are not delegated:

- Section 63.6(g), Approval of Alternative Non-Opacity Emission Standards;

- Section 63.6(h)(9), Approval of Alternative Opacity Standards;
- Sections 63.7(e)(2)(ii) and (f), Approval of Major Alternatives to Test Methods;
- Section 63.8(f), Approval of Major Alternatives to Monitoring;
- Section 63.10(f), Approval of Major Alternatives to Recordkeeping and Reporting;
- plus any other provisions specifically identified as non-delegable in each individual standard;

Subparts B, C, D, and E are not delegated to state and local agencies.

VI. ECONOMIC IMPACT

Amending Rule 422, Standards of Performance for New Stationary Sources and Amending Rule 423, National Emission Standards for Hazardous Air Pollutants and Source Categories (NESHAPS) pose no significant cost to industry.

VII. SOCIOECONOMIC IMPACTS

CH & SC Section 40728.5 exempts districts with a population of less than 500,000 persons from the requirement to assess the socioeconomic impacts of proposed rules. Eastern Kern County population is below 500,000 persons.

IX. ENVIRONMENTAL IMPACTS

No significant environmental impacts are expected as a result of amending Rule 422, New Source Performance Standards (NSPS) and Rule 423, National Emission Standards for Hazardous Air Pollutants and Source Categories (NESHAPS). Pursuant to the Section 15061, Subsections (2) & (3) of the California Environmental Quality Act (CEQA) Guidelines, staff will prepare a Notice of Exemption for this project.

X. RULE CONSISTENCY ANALYSIS

Pursuant to California Health and Safety Code Section 40727.2 (g), a rule consistency analysis of proposed amended Rule 422 and proposed amended Rule 423 is not required. District adopts the amendments to the federal requirements by reference.

XI. RULE APPROVAL PROCESS

The District accepted written comments and concerns from persons interested in Amended Rule 422, New Source Performance Standards and Amended Rule 423, National Emission Standards for Hazardous Air Pollutants and Source Categories (NESHAPS) for a period of 30 days starting November 2, 2017 following the workshop held in Mojave (no comments were received). Staff anticipates the revised Rules will be adopted by the District's Governing Board at its January 11, 2018 meeting.

I. REFERENCES

Electronic Code of Federal Regulations. "Title 40 Protection of Environment." Part 60, Standards of Performance for New Stationary Sources. GPO Accessed 10/10/2017.

Electric Code of Federal Regulations. "Title 40 Protection of Environment." Part 61, National Emission Standards for Hazardous Air Pollutants. GPO Accessed 10/10/2017.

Electric Code of Federal Regulations. "Title 40 Protection of Environment." Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories. GPO Accessed 10/10/2017.

U.S. Environmental Protection Agency. "40 CFR Part 60 - New Source Performance Standards (NSPS)." Region 9: Air Standards Delegations. U.S.EPA. Accessed 10/10/2017.

<http://yosemite.epa.gov/r9/r9nsps.nsf/ViewStandards?ReadForm&Part=60>.

U.S. Environmental Protection Agency. "40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)." Region 9: Air Standards Delegations. Accessed 10/10/2017.

<http://yosemite.epa.gov/r9/r9nsps.nsf/ViewStandards?ReadForm&Part=61>.

U.S. Environmental Protection Agency. "40 CFR Part 63 - NESHAPs for Source Categories (MACT Standards)." Region 9: Air Standards Delegations. U.S.EPA. Accessed 10/10/2017.

<http://yosemite.epa.gov/r9/r9nsps.nsf/ViewStandards?ReadForm&Part=63>.

APPENDIX A

AMENDED RULE 422

NEW SOURCE PERFORMANCE STANDARDS

(NSPS)

RULE 422 New Source Performance Standards - Amended 7/13/92, 4/19/93, 12/1/94, 11/14/96, 11/10/99, 1/9/03, 1/13/2011, 1/11/18

Provisions of Part 60, Chapter 1, Title 40, Code of Federal Regulations, in effect ~~February~~ October 10, ~~2010~~2017, are hereby adopted by reference and made a part hereof. All new and modified sources shall comply with standards, criteria and requirements set forth therein.

For purposes of this Rule, the word "Administrator" as used in Title 40, Chapter 1, Part 60, Code of Federal Regulations, shall mean the Control Officer of the Eastern Kern Air Pollution Control District (District), except the Control Officer shall not be empowered to approve alternate or equivalent test methods or standards/work practices.

This Rule incorporates the following provisions of 40 CFR Part 60; implementation delegation has been granted to the District~~EKAPCD~~ by U.S. EPA for all Subparts except those noted:

40 CFR 60:

Subpart	Description
A	General Provisions
B	Adoption and Submittal of State Plans for Designated Facilities (Not Delegated)
C	Emission Guidelines and Compliance Times (Not Delegated)
Ca	(Reserved)
Cb	Large Municipal Waste Combustors that are Constructed on or Before September 20, 1994 (Not Delegated)
Cc	Compliance Times for Municipal Solid Waste Landfills (Not Delegated)
Cd	Sulfuric Acid Production Units (Not Delegated)
Ce	Hospital/Medical/Infectious Waste Incinerators (Not Delegated)
D	Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971
Da	Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978
Db	Industrial-Commercial-Institutional Steam Generating Units
Dc	Small Industrial-Commercial-Institutional Steam Generating Units
E	Incinerators
Ea	Municipal Waste Combustors for Which Construction is Commenced <u>Constructed</u> After December 20, 1989 and on or Before September 20, 1994 (Not Delegated)
Eb	Large Municipal Waste Combustors for Which Construction is Commenced <u>Constructed</u> After September 20, 1994 or for Which Modification or Reconstruction is Commenced After June 19, 1996 (Not Delegated)
Ec	Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced <u>Constructed</u> After June 20, 1996 (Not Delegated)
F	Portland Cement Plants
G	Nitric Acid Plants
H	Sulfuric Acid Plants (Not Delegated)

I	Hot Mix Asphalt Facilities <u>(Not Delegated)</u>
J	Petroleum Refineries
Ja	Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007 (Not Delegated)
K	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978
Ka	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984
Kb	Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984
L	Secondary Lead Smelters
M	Secondary Brass and Bronze Production Plants
N	<u>Primary Emissions from</u> Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973
Na	<u>Secondary Emissions from</u> Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced After January 20, 1983
O	Sewage Treatment Plants
P	Primary Copper Smelters
Q	Primary Zinc Smelters
R	Primary Lead Smelters
S	Primary Aluminum Reduction Plants
T	Phosphate Fertilizer Industry: Wet Process Phosphoric Acid Plants
U	Phosphate Fertilizer Industry: Superphosphoric Acid Plants
V	Phosphate Fertilizer Industry: Diammonium Phosphate Plants
W	Phosphate Fertilizer Industry: Triple Superphosphate Plants
X	Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities
Y	Coal Preparation and Processing Plants
Z	Ferroalloy Production Facilities
AA	Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974 and on or before August 17, 1983
AAa	Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 7, 1983
BB	Kraft Pulp Mills
CC	Glass Manufacturing Plants
DD	Grain Elevators
EE	Surface Coating of Metal Furniture
FF	(Reserved)
GG	Stationary Gas Turbines
HH	Lime Manufacturing Plants
KK	Lead-Acid Battery Manufacturing Plants
LL	Metallic Mineral Processing Plants
MM	Automobile and Light Duty Truck Surface Coating Operations
NN	Phosphate Rock Plants

PP	Ammonium Sulfate Manufacture
QQ	Graphic Arts Industry: Publication Rotogravure Printing
RR	Pressure Sensitive Tape and Label Surface Coating Operations
SS	Industrial Surface Coating: Large Appliances
TT	Metallic Coil Surface Coating
UU	Asphalt Processing and Asphalt Roofing Manufacture
VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006
VVa	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006 (Not Delegated)
WW	Beverage Can Surface Coating Industry
XX	Bulk Gasoline Terminals (Not Delegated)
AAA	New Residential Wood Heaters
BBB	Rubber Tire Manufacturing Industry
CCC	(Reserved)
DDD	<u>Volatile Organic Compounds (VOC) Emissions from the</u> Polymer Manufacturing Industry
EEE	(Reserved)
FFF	Flexible Vinyl and Urethane Coating and Printing
GGG	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
GGGa	Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006 (Not Delegated)
HHH	Synthetic Fiber Production Facilities
III	<u>Volatile Organic Compound (VOC) Emissions from the</u> Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes
JJJ	Petroleum Dry Cleaners
KKK	Onshore Natural Gas Processing Plants
LLL	Onshore Natural Gas Processing: SO ₂ Emissions
MMM	(Reserved)
NNN	<u>Volatile Organic Compound (VOC) Emissions from</u> Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations
OOO	Nonmetallic Mineral Processing Plants
PPP	Wool Fiberglass Insulation Manufacturing Plants
QQQ	<u>VOC Emissions from</u> Petroleum Refinery Wastewater Systems
RRR	<u>Volatile Organic Compound Emissions from</u> Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes
SSS	Magnetic Tape Coating Facilities
TTT	Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines (Not Delegated)
UUU	Calciners and Dryers in Mineral Industries
VVV	Polymeric Coating of Supporting Substrates Facilities

WWW	Municipal Solid Waste Landfills
AAAA	Small Municipal Waste Combustion Units for Which Combustion is Commenced After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001 (Not Delegated)
BBBB	Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999 (Not Delegated)
CCCC	Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 or for Which Modification or Reconstruction is Commenced on or After June 1, 2001 (Not Delegated)
DDDD	Commercial and Industrial Solid Waste Incineration Units that Commenced Construction on or Before November 30, 1999 (Not Delegated)
EEEE	Other Solid Waste Incineration Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is Commenced on or After June 16, 2006 (Not Delegated)
FFFF	Other Solid Waste Incineration Units That Commenced Construction On or Before December 9, 2004 (Not Delegated)
GGGG	(Reserved)
HHHH	Coal-Fired Electric Steam Generating Units (Not Delegated)
IIII	Stationary Compression Ignition Internal Combustion Engines (Not Delegated)
JJJJ	Stationary Spark Ignition Internal Combustion Engines (Not Delegated)
KKKK	Stationary Combustion Turbines (Not Delegated)
<u>LLLL</u>	<u>New Sewage Sludge Incineration Units (Not Delegated)</u>

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APPENDIX B

AMENDED RULE 423

**NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR
POLLUTANTS AND SOURCE CATEGORIES
(NESHAPs)**

RULE 423 National Emission Standards For Hazardous Air Pollutants And Source Categories (NESHAPs) - Amended 7/13/92, 12/1/94, 9/7/95, 11/14/96, 11/10/99, 11/9/00, 1/9/03, 6/29/06, 9/14/06, 1/13/2011, 1/11/18

Provisions of Title 40, Chapter I, Parts 61 and 63, Code of Federal Regulations, in effect ~~February~~ October 10, ~~2010~~ 2017, are hereby adopted by reference and made a part hereof. All sources of hazardous air pollution shall comply with applicable standards, criteria and requirements set forth therein.

For purposes of this Rule, the word "Administrator" as used in Title 40, Chapter I, Parts 61 and 63, Code of Federal Regulations, shall mean the Control Officer of the Eastern Kern Air Pollution Control District, except the Control Officer shall not be empowered to approve alternate or equivalent test methods or standards/work practices.

This Rule incorporates the following provisions of Title 40, Chapter I, Parts 61 and 63; implementation delegation has been granted to EKAPCD by U.S. EPA for all Subparts except those noted:

**40 CFR 61
(Pollutants)
Subpart:**

Description

A	General Provisions
B	Radon Emissions from Underground Uranium Mines (Not Delegated)
C	Beryllium
D	Beryllium Rocket Motor Firing
E	Mercury
F	Vinyl Chloride
G	(Reserved)
H	Department of Energy Facilities (Not Delegated)
I	Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Federal Facilities not Covered by Subpart H (Not Delegated)
J	Equipment Leaks (Fugitive Emission Sources) of Benzene
K	Radionuclide Emissions from Elemental Phosphorus Plants (Not Delegated)
L	<u>Benzene Emissions from</u> Coke By-Product Recovery Plants
M	Asbestos
N	<u>Inorganic Arsenic Emissions from</u> Glass Manufacturing Plants
O	<u>Inorganic Arsenic Emissions from</u> Primary Copper Smelters
P	<u>Inorganic Arsenic Emissions from</u> Arsenic Trioxide and Metallic Arsenic Production Facilities
Q	Department of Energy Facilities (Not Delegated)
R	Phosphogypsum Stacks (Not Delegated)
S	(Reserved)
T	Disposal of Uranium Mill Tailings (Not Delegated)
U	(Reserved)
V	Equipment Leaks (Fugitive Emission Sources)
W	Radon Emissions from Operating Mill Tailings (Not Delegated)
X	(Reserved)

Y	<u>Benzene Emissions from</u> Benzene Storage Vessels
Z	(Reserved)
AA	(Reserved)
BB	<u>Benzene Emissions from</u> Benzene Transfer Operations
CC	(Reserved)
DD	(Reserved)
EE	(Reserved)
FF	Benzene Waste Operations

40 CFR 63**(Source Categories)****Subpart: Description**

Preamble	Generic Maximum Achievable Control Technology (Generic MACT):
A	General Provisions
B	Requirements for Control Technology Determinations for Major Sources in Accordance With Clean Air Act Sections, Sections 112(g) and 112(j) (Not Delegated)
C	List of Hazardous Air Pollutants, Petitions Process, Lesser Quantity Designations, Source Category List (Not Delegated)
D	Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants (Not Delegated)
E	Approval of State Programs and Delegation of Federal Authorities (Not Delegated)
F	Synthetic Organic Chemical Manufacturing Industry
G	Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater
H	Equipment Leaks
I	Certain Processes Subject to the Negotiated Regulation for Equipment Leaks
J	Polyvinyl Chloride and Copolymers Production
K	(Reserved)
L	Coke Oven Batteries
M	Perchloroethylene Dry Cleaning Facilities
N	Chromium Electroplating and Chromium Anodizing Tanks
O	Ethylene Oxide Sterilization Facilities
P	(Reserved)
Q	Industrial Process Cooling Towers
R	Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)
S	Pulp and Paper Industry
T	Halogenated Solvent Cleaning
U	Group I Polymers and Resins (<u>Elastomers</u>) (<u>See District Rules 432, Polyester Resin Operations</u>)
V	(Reserved)
W	Epoxy Resins Production and Non-Nylon Polyamides Production (<u>See District Rules 432, Polyester Resin Operations</u>)
X	Secondary Lead Smelting

Y	Marine Tank Vessel Loading/ Unloading Operations
Z	(Reserved)
AA	Phosphoric Acid Manufacturing Plants
BB	Phosphate Fertilizers Production Plants
CC	Petroleum Refineries
DD	Off-Site Waste and Recovery Operations
EE	Magnetic Tape Manufacturing Operations
FF	(Reserved)
GG	Aerospace Manufacturing and Rework Facilities (See District Rule 410.8, Aerospace Assembly and Coating Operations)
HH	Oil and Natural Gas Production Facilities
II	Shipbuilding and Ship Repair (Surface Coating)
JJ	Wood Furniture Manufacturing Operations (See District Rule 410.9, Wood Products Surface Coating Operations)
KK	Printing and Publishing Industry
LL	Primary Aluminum Reduction Plants
MM	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semicheical Pulp Mills
NN	(Reserved)
OO	Tanks - Level 1
PP	Containers
QQ	Surface Impoundments
RR	Individual Drain Systems
SS	Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process
TT	Equipment Leaks - Control Level 1
UU	Equipment Leaks - Control Level 2
VV	Oil-Water Separators and Organic-Water Separators
WW	Storage Vessels (Tanks) - Control Level 2
XX	Ethylene Manufacturing Process Units
YY	Source Categories: Generic Maximum Achievable Control Technology Standards
ZZ	(Reserved)
AAA	(Reserved)
BBB	(Reserved)
CCC	Steel Pickling – HCl Process Facilities and Hydrochloric Acid Regeneration Plants
DDD	Mineral Wool Production
EEE	Hazardous Waste Combustors
FFF	(Reserved)
GGG	Pharmaceuticals Production
HHH	Natural Gas Transmission and Storage Facilities
III	Flexible Polyurethane Foam Production
JJJ	Group IV Polymers and Resins (thermoplastics) (See District Rules 432, Polyester Resin Operations)
KKK	(Reserved)
LLL	Portland Cement Manufacturing Industry (See District Rules 425.3, Portland Cement Kilns (Oxides of Nitrogen))
MMM	Pesticide Active Ingredient Production

NNN	Wool Fiberglass Manufacturing
OOO	Manufacture of Amino/Phenolic Resins (<u>See District Rules 432, Polyester Resin Operations</u>) Production
PPP	Polyether Polyols Production
QQQ	Primary Copper Smelting
RRR	Secondary Aluminum Production
SSS	(Reserved)
TTT	Primary Lead Smelting
UUU	Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, Sulfur Recovery Units
VVV	Publicly Owned Treatment Works
WWW	(Reserved)
XXX	Ferroalloys Production: Ferromanganese and Silicomanganese
YYY	(Reserved)
ZZZ	(Reserved)
AAAA	Municipal Solid Waste Landfills
CCCC	Manufacturing of Nutritional Yeast Production
DDDD	Plywood and Composite Wood Products
EEEE	Organic Liquids Distribution (<u>non-gasoline</u>) (See District Rules 410, Organic Solvents; 411, Storage of Organic Liquids; and 413, Organic Liquid Loading)
FFFF	Miscellaneous Organic Chemical Manufacturing (<u>MON</u>)
GGGG	Solvent Extraction for Vegetable Oil Production
HHHH	Wet-Formed Fiberglass Mat Production Plants
JJJJ	Paper and other Web (<u>Surface Coating</u>) (See District Rule 410.7, Graphic Arts)
KKKK	Surface Coating of Metal Cans <u>Coating</u>
MMMM	Surface Coating of Miscellaneous Metal Parts and Products (<u>See District Rules 410.4, Metal, Plastic, and Pleasure Craft Parts and Products Coating Operations</u>)
NNNN	Surface Coating of Large Appliances (<u>surface coating</u>) (<u>See District Rules 410.4, Metal, Plastic, and Pleasure Craft Parts and Products Coating Operations</u>)
OOOO	Printing, Coating, and Dyeing of Fabrics <u>Printing, Coating, and Dyeing</u> and Other Textiles
PPPP	Surface Coating of Plastic Parts (<u>surface coating</u>) (<u>See District Rules 410.4, Metal, Plastic, and Pleasure Craft Parts and Products Coating Operations</u>) and Products
QQQQ	Surface Coating of Wood Building Products (See District Rules 410.1A, Architectural Coating Controls & 410.9, <u>Wood Products Surface Coating Operations</u>)
RRRR	Surface Coating of Metal Furniture (<u>surface coating</u>) (<u>See District Rules 410.4, Metal, Plastic, and Pleasure Craft Parts and Products Coating Operations</u>)
SSSS	Surface Coating of Metal Coil
TTTT	Leather Finishing Operations
UUUU	Cellulose Products Manufacturing
VVVV	Boat Manufacturing
WWWW	Reinforced Plastic Composites Production

XXXX	Rubber Tire Manufacturing
YYYY	<u>Stationary</u> Combustion Turbines (See District Rule 425, Cogeneration Gas Turbine Engines (Oxides of Nitrogen))
<u>ZZZZ</u>	<u>Reciprocating Internal Combustion Engines (RICE)</u>
AAAAA	Lime Manufacturing
BBBBB	Semiconductor Manufacturing
CCCCC	Coke Ovens: Pushing, Quenching and Battery Stacks
DDDDD	Industrial, Commercial, and Institutional Boiler and Process Heaters (<u>See District Rules 425.2, Boilers, Steam Generators, and Process Heaters (Oxides of Nitrogen)</u>)
EEEEE	Iron and Steel Foundries
FFFFF	Integrated Iron and Steel Manufacturing
GGGGG	Site Remediation (See District Rule 414.2, Soil Decontamination (Volatile Organic Compounds))
HHHHH	Miscellaneous Coating Manufacturing
IIIII	Mercury Emissions from Mercury Cell Chlor-Alkali Plants
JJJJJ	Brick and Structural Clay Products Manufacturing
KKKKK	Clay Ceramics Manufacturing
LLLLL	Asphalt Roofing and Processing (See District Rule 410.5, Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations; 425.1, Hot Mix Asphalt Paving Plants (Oxides of Nitrogen))
MMMMM	Flexible Polyurethane Foam Fabrication Operations
NNNNN	Hydrochloric Acid Production
PPPPP	Engine Test Cells/Stands
QQQQQ	Friction Materials Manufacturing Facilities
RRRRR	Taconite Iron Ore Processing
SSSSS	Refractory Products Manufacturing
TTTTT	Primary Magnesium Refining
UUUUU	(Reserved)
VVVVV	(Reserved)
WWWWW	Hospital Ethylene Oxide Sterilizers
XXXXX	(Reserved)
YYYYY	Electric Arc Furnace Steelmaking Facilities
ZZZZZ	Iron and Steel Foundries Area Sources
AAAAAA	(Reserved)
BBBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
CCCCCC	Gasoline Dispensing Facilities
DDDDDD	Polyvinyl Chloride and Copolymers Production Area Sources
EEEEEE	Primary Copper Smelting Area Sources
FFFFFF	Secondary Copper Smelting Area Sources
GGGGGG	Primary Nonferrous Metals Area Sources--Zinc, Cadmium, and Beryllium
HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources
IIIII	(Reserved)
JJJJJ	<u>Industrial, Commercial, and Institutional Boilers: Area Sources (See District Rules 425.2, Boilers, Steam Generators, and Process Heaters (Oxides of Nitrogen))</u> (Reserved)
KKKKKK	(Reserved)
LLLLLL	Acrylic and Modacrylic Fibers Production Area Sources

MMMMMM	Carbon Black Production Area Sources
NNNNNN	Chemical Manufacturing Area Sources: Chromium Compounds
OOOOOO	Flexible Polyurethane Foam Production and Fabrication Area Sources ³
PPPPPP	Lead Acid Battery Manufacturing Area Sources
QQQQQQ	Wood Preserving Area Sources
RRRRRR	Clay Ceramics Manufacturing Area Sources
SSSSSS	Glass Manufacturing Area Sources
TTTTTT	Secondary Nonferrous Metals Processing Area Sources
UUUUUU	(Reserved)
VVVVVV	Chemical Manufacturing Area Sources
WWWWWW	Area Source Standards for Plating and Polishing Operations Area Sources
XXXXXX	Area Source Standards for Nine Metal Fabrication and Finishing Area Sources Source Categories
YYYYYY	Ferroalloys Production Facilities Area Sources
ZZZZZZ	Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries Area Sources
AAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing Area Sources
BBBBBB	Chemical Preparations Industry Area Sources
CCCCCC	Paints and Allied Products Manufacturing Area Sources
DDDDDD	Prepared Feeds Area Sources Manufacturing
<u>EEEEEE</u>	<u>Gold Mine Ore Processing and Production Area Sources</u>
<u>FFFFFF</u>	<u>(Reserved)</u>
<u>GGGGGG</u>	<u>(Reserved)</u>
<u>HHHHHH</u>	<u>Polyvinyl Chloride and Copolymers Production</u>

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