APPENDIX C

LIST OF BAAQMD, SCAQMD, AND SJVUAPCD RULES AND REGULATIONS APPLICABLE AT PETROLEUM REFINERIES

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

REGULATION I - GENERAL PROVISIONS AND DEFINITIONS

Rule 1-100 General
All subparts, including:
  1-112 Breakdown
  1-113 Discretionary Enforcement, Breakdown
Rule 1-300 Standards
  1-301 Public Nuisance
Rule 1-400 Administrative Requirements
All subparts, including:
  1-430 Breakdown Procedures
  1-431 Breakdown Report
  1-432 Written Breakdown Report
  1-433 Determination Of Breakdown
  1-434 Administrative Violation, Breakdown
  1-440 Right Of Access To Premises
  1-441 Right Of Access To Information
Rule 1-500 Monitoring and Records

REGULATION II - PERMITS

Rule 2-1 General Requirements
Rule 2-2 New Source Review
Rule 2-3 Power Plants
Rule 2-4 Emissions Banking
Rule 2-6 Major Facility Review

REGULATION III - FEES

Reg 3 District Permit Fees and Hearing Board Fees

REGULATION V - OPEN BURNING

REGULATION VI - PARTICULATE MATTER AND VISIBLE EMISSIONS

REGULATION VII - ODOROUS SUBTANCES
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LIST OF BAAQMD, SCAQMD, AND SJVUAPCD RULES AND REGULATIONS APPLICABLE AT PETROLEUM REFINERIES

REGULATION VIII - ORGANIC COMPOUNDS

- Rule 8-1 General Provisions
- Rule 8-2 Miscellaneous Operation
- Rule 8-3 Architectural Coatings
- Rule 8-5 Storage of Organic Liquids
- Rule 8-6 Terminals and Bulk Plants
- Rule 8-8 Wastewater (Oil-Water) Separators
- Rule 8-9 Vacuum Producing Systems
- Rule 8-10 Process Vessel Depressurizing
- Rule 8-18 Valves and Connectors at Petroleum Refinery Complexes, Chemical Plants, Bulk Plants and Bulk Terminals
- Rule 8-28 Pressure Relief Valves at Petroleum Refineries and Chemical Plants
- Rule 8-33 Gasoline Bulk Terminals and Gasoline Delivery Vehicles
- Rule 8-37 Natural Gas and Crude Oil Production Facilities
- Rule 8-39 Gasoline Bulk Plants & Gas Delivery Vehicles
- Rule 8-44 Marine Vessel Loading Terminals
- Rule 8-46 Marine Tank Vessel to Marine Tank Vessel Loading
- Rule 8-51 Adhesive and Sealant Products

REGULATION IX - INORGANIC GASEOUS POLLUTANTS

- Rule 9-1 Inorganic Gaseous Pollutants - Sulfur Dioxide
- Rule 9-2 Hydrogen Sulfide
- Rule 9-3 Nitrogen Oxides from Heat Transfer Operations
- Rule 9-8 Nitrogen Oxides Carbon Monoxide from Stationary Internal Combustion Engines
- Rule 9-9 NOₓ from Stationary Gas Turbines
- Rule 9-10 NOₓ/CO from Boilers/Generators-Refineries

REGULATION X - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

REGULATION XI - HAZARDOUS POLLUTANTS

- Rule 11-7 Benzene
- Rule 11-11 NESHAPs for Benzene Emissions from Coke

REGULATION XII - MISCELLANEOUS STANDARDS OF PERFORMANCE

- Rule 12-10 Miscellaneous Standards of Performance Oleum Transfer Operations
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LIST OF BAAQMD, SCAQMD, AND SJVUAPCD RULES AND REGULATIONS
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REGULATION XIII - TRANSPORTATION CONTROL MEASURES

Rule 13-1  Trip Reduction Requirements for Large Employers
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

REGULATION I - GENERAL PROVISIONS

Rule 109 Record Keeping for Volatile Organic Compound Emissions

REGULATION II – PERMITS

REGULATION III – FEES

Rule 301 Permit Fees
Rule 307 Fees for Publication
Rule 307-1 Alternatives Fees for Air Toxic Emissions Inventory

REGULATION IV – PROHIBITIONS

Rule 401 Visible Emissions
Rule 402 Nuisance
Rule 403 Fugitive Dust
Rule 404 Particulate Matter – Concentration
Rule 405 Solid Particulate Matter - Weight
Rule 407 Liquid and Gaseous Air Contaminants
Rule 408 Circumvention
Rule 409 Combustion Contaminants
Rule 429 Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen
Rule 430 Breakdown Provisions
Rule 431-1 Sulfur Content of Gaseous Fuels
Rule 431-2 Sulfur Content of Liquid Fuels
Rule 431-3 Sulfur Content of Fossil Fuels
Rule 444 Open Fires
Rule 461 Gasoline Transfer and Dispensing
Rule 462 Organic Liquid Loading
Rule 463 Organic Liquid Storage
Rule 464 Wastewater Separators
Rule 465 Refinery Vacuum-Producing Devices or Systems
Rule 466 Pumps, Compressors, Valves, And Flanges
Rule 467 Pressure Relief Devices
Rule 468 Sulfur Recovery Units
Rule 469 Sulfuric Acid Units
Rule 474 Fuel Burning Equipment - Oxides of Nitrogen
Rule 475 Electric Power Generating Equipment
Rule 476 Steam Generating Equipment
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LIST OF BAAQMD, SCAQMD, AND SJVUAPCD RULES AND REGULATIONS
APPLICABLE AT PETROLEUM REFINERIES

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<td>Natural Gas Fired Control Devices</td>
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**REGULATION IX - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES**

**REGULATION X - NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS**

**REGULATION XI - SOURCE SPECIFIC STANDARDS**

- Rule 1105 Fluid Catalytic Cracking Units – Oxides of Sulfur
- Rule 1108 Cutback Asphalt and Emulsified Asphalt
- Rule 1109 Emissions of NO\textsubscript{x} from Boilers & Process Heaters
- Rule 1110-1 Emissions from Stationary IC Engines
- Rule 1110-2 Emissions from Gaseous- and Liquid-Fueled IC Engines
- Rule 1111 NO\textsubscript{x} Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces
- Rule 1113 Architectural Coatings
- Rule 1118 Emissions from Refinery Flares
- Rule 1119 Petroleum Coke Calcining Operations – SO\textsubscript{x}
- Rule 1123 Refinery Process Turnarounds
- Rule 1134 Emissions of Oxides of Nitrogen from Stationary Gas Turbines
- Rule 1135 Emissions of NO\textsubscript{x} from Electric Power Generating Systems
- Rule 1146 Emissions of Oxides of Nitrogen from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1146-1 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1146-2 Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers
- Rule 1149 Storage Tank Degassing
- Rule 1158 Storage, Handling, and Transport of Petroleum Coke
- Rule 1168 Adhesive and Sealant Applications
- Rule 1170 Methanol Compatible Fuel Storage and Transfer
- Rule 1173 Fugitive Emissions of Volatile Organic Compounds
- Rule 1176 Sumps and Wastewater Systems
- Rule 1186 Less-Polluting Sweepers
- Rule 1189 Emissions from Hydrogen Plant Process Vents
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REGULATION XIII - NEW SOURCE REVIEW

REGULATION XIV - TOXICS AND OTHER NON-CRITERIA POLLUTANTS

Rule 1401  New Source Review of Toxic Air Contaminants
Rule 1402  Control of Toxic Air Contaminants from Existing Sources
Rule 1410  Hydrogen Fluoride Storage and Use

REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

REGULATION XXX - TITLE V PERMITS
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LIST OF BAAQMD, SCAQMD, AND SJVUAPCD RULES AND REGULATIONS
APPLICABLE AT PETROLEUM REFINERIES

SAN JOAQUIN VALLEY AIR QUALITY MANAGEMENT DISTRICT

REGULATION I - GENERAL PROVISIONS

Rule 1080 Stack Monitoring
Rule 1081 Source Sampling
Rule 1090 Penalty
Rule 1100 Equipment Breakdown
Rule 1110 Circumvention

REGULATION II - PERMITS

REGULATION III - FEES

Rule 3010 Permit Fee
Rule 3090 California Clean Air Act Fees
Rule 3100 California Environmental Quality Act Fee
Rule 3110 Air Toxic Fees

REGULATION IV - PROHIBITIONS

Rule 4001 New Source Performance Standards
Rule 4002 National Emissions Standards for Hazardous Air Pollutants
Rule 4101 Visible Emissions
Rule 4102 Nuisance
Rule 4103 Open Burning
Rule 4201 Particulate Matter Concentration
Rule 4202 Particulate Matter Emission Rate
Rule 4301 Fuel Burning Equipment
Rule 4304 Equipment Tuning Procedures for Boilers, Steam Generators, And Process Heaters
Rule 4305 Boilers, Steam Generators & Process Heaters
Rule 4351 Boilers, Steam Generators & Process Heaters -RACT
Rule 4351 Valves, Pressure Relief Valves, Flanges, Threaded Connectors & Process Drains at Pet Refinery & Chemical Plants
Rule 4451 Boilers, Steam Generators & Process Heaters -RACT
Rule 4452 Pump & Compressor Seals at Petroleum Refinery & Chemical Plants
Rule 4453 Refinery Vacuum Producing Devices or Systems
Rule 4454 Refinery Process Unit Turnaround
Rule 4501 Alternate Compliance for Best Available Retrofit Control Technology (BARCT)
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**REGULATION VI – AIR POLLUTION EMERGENCY CONTIGENCY PLAN**

**REGULATION VIII – FUGITIVE PM$_{10}$ PROHIBITIONS**

| Rule 8010 | Fugitive Dust Administrative Requirements For Control Of PM$_{10}$          |
| Rule 8020 | Fugitive Dust Requirements for Control of PM$_{10}$ from Construction, Demolition, Excavation and Extraction Activities |
| Rule 8030 | Fugitive Dust Requirements for Control of PM$_{10}$ from Bulk Materials     |