

## **CHAPTER 8**

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### **ACRONYMS**

Acronyms



## 8.0 ACRONYMS

| ABBREVIATION | DESCRIPTION   |
|--------------|---|
| AB           | Assembly Bill   |
| AB939        | California Integrated Waste Management Act of 1989        |
| AB1807       | California Toxic Air Contaminants Program (Tanner Bill)   |
| AB2728       | Revised Tanner Bill                                       |
| AB2588       | Air Toxic "Hot Spots" Information and Assessment Act      |
| AB2595       | California Clean Air Act                                  |
| ACE2588      | Assessment of Chemical Exposure for AB2588                |
| ADT          | Average Daily Traffic                                     |
| AEL          | Acute Exposure Limit                                      |
| AER          | Annual Emission Reporting                                 |
| AFV          | Alternative Fuel Vehicles                                 |
| AHM          | Acutely Hazardous Material                                |
| API          | American Petroleum Institute                              |
| AQIP         | Air Quality Investment Plan                               |
| AQMD         | Air Quality Management District                           |
| AQMP         | Air Quality Management Plan                               |
| ARB          | Air Resources Board                                       |
| ASC          | Area Source Credits                                       |
| ASTM         | American Society for Testing and Materials                |
| ATCM         | Airborne Toxic Control Measure                            |
| ATIR         | Air Toxics Inventory Report                               |
| ATT          | Advanced Transportation Technology                        |
| AVR          | Average Vehicle Ridership                                 |
| AWT          | Advanced Water Treatment                                  |
| BACT         | Best Available Control Technology                         |
| BACM         | Best Available Control Measures                           |
| BAR          | Bureau of Automotive Repair                               |
| Basin        | South Coast Air Basin                                     |
| BCM          | Best Available Control Measures for Fugitive Dust Sources |
| BMP          | Best Management Practices                                 |
| BOD          | Bio-chemical Oxygen Demand                                |
| BPTCP        | Bay Protection and Toxic Clean Up Plan                    |
| BTU          | British Thermal Units                                     |
| BTU/hr       | British Thermal Units per hour                            |
| CAA          | Clean Air Act   |
| CAAA         | Clean Air Act Amendments                                  |
| CCAA         | California Clean Air Act                                  |
| CAFÉ         | Corporate Average Fuel Economy                            |
| CalARP       | California Accidental Release Prevention Program          |
| Caltrans     | California Department of Transportation                   |
| CalOSHA      | California Occupational Safety and Health Administration  |
| CAPCOA       | California Air Pollution Control Officers Association     |

|                 |   |
|-----------------|---|
| CARB            | California Air Resources Board  |
| CCR             | California Code of Regulations  |
| CEC             | California Energy Commission  |
| CEMS            | Continuous Emissions Monitoring System  |
| CELA            | Central Los Angeles County  |
| CEOC            | Central Orange County   |
| CEQA            | California Environmental Quality Act  |
| CFCs            | Chloroflorocarbons  |
| CFR             | Code of Federal Regulations   |
| CH4             | Methane   |
| CHMIRs          | California Hazardous Materials Incident Reporting System                              |
| CHP             | California Highway Patrol   |
| CIWMB           | California Integrated Waste Management Board  |
| CM              | Control Measure   |
| CMB             | Combustion Sources  |
| CMP             | Congestion Management Plan  |
| CNEL            | community noise equivalent level  |
| CNG             | Compressed Natural Gas  |
| CNS             | Central nervous system  |
| CO              | carbon monoxide   |
| CO <sub>2</sub> | carbon dioxide  |
| COD             | Chemical Oxygen Demand  |
| CONS            | Consumer Products   |
| CPUC            | California Public Utilities Commission  |
| CRA             | Colorado River Aqueduct   |
| CSBV            | Central San Bernardino  |
| CTS             | Coatings and Solvents   |
| CTY             | Contingency Measure   |
| CUP             | Conditional Use Permit  |
| CVWD            | Coachella Valley Water District   |
| CWA             | Clean Water Act   |
| CWAP            | Clean Water Action Plan   |
| CWMI            | Chemical Waste Management Inc.  |
| C4              | Butane  |
| DHS             | Department of Health Services   |
| DMV             | Department of Motor Vehicles  |
| DOC             | Diesel Oxidation Catalyst   |
| DOT             | Department of Transportation  |
| DPR             | Department of Pesticide Regulation  |
| DTSC            | California Environmental Protection Agency, Department<br>of Toxic Substances Control |
| DTIM            | Direct Travel Impact Model  |
| DWR             | California Department of Water Resources  |
| ECR             | Emission Reduction Credit   |
| EB              | Electron Beam   |
| EGR             | Exhaust Gas Recirculation   |

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|                                |  |
|--------------------------------|--|
| EHS                            | Extremely Hazardous Substance                          |
| EIP                            | Economic Incentive Program                             |
| EIR                            | Environmental Impact Report                            |
| EIS                            | Environmental Impact Statement                         |
| EPCRA                          | USEPA's Emergency Planning and Community Right-to-Know |
| ERPG                           | Emergency Response Planning Guideline                  |
| ESP                            | Electrostatic Precipitators                            |
| E85                            | Ethanol  |
| °F                             | Degrees Fahrenheit                                     |
| FBI                            | Federal Bureau of Investigation                        |
| FCCU                           | Fluid Catalytic Cracking Unit                          |
| FEMA                           | Federal Emergency Management Agency                    |
| FHWA                           | Federal Highway Administration                         |
| FIP                            | Federal Implementation Plan                            |
| FLX                            | Compliance Flexibility Programs                        |
| FSS                            | Future Study Strategy                                  |
| FUG                            | Fugitive Emissions                                     |
| FVR                            | Fuel Vapor Recovery                                    |
| G                              | acceleration of gravity                                |
| GWRS                           | Groundwater Replenishment System                       |
| H <sub>2</sub>                 | Hydrogen   |
| H <sub>2</sub> SO <sub>4</sub> | Sulfuric Acid  |
| HAP                            | Hazardous Air Pollutants                               |
| HAZOP                          | hazards and operation process                          |
| HCFs                           | Hydrochlorofluorocarbons                               |
| HDV                            | Heavy Duty Vehicles                                    |
| HEPA                           | High-Efficiency Particulate Air                        |
| HEV                            | Hybrid Electric Vehicles                               |
| HHV                            | Higher Heating Value                                   |
| HMBP                           | Hazardous Materials Business Plan                      |
| HNO <sub>3</sub>               | Nitric Acid  |
| HOV                            | High Occupancy Vehicle                                 |
| HRA                            | Health Risk Assessment                                 |
| HSWA                           | Hazardous and Solid Waste Act                          |
| HMTA                           | Hazardous Materials Transportation Act                 |
| HWCL                           | Hazardous Waste Control Law                            |
| ICE                            | Internal Combustion Engine                             |
| IID                            | Imperial Irrigation District                           |
| IMO                            | International Maritime Organization                    |
| ISCST3                         | Industrial Source Complex Model Short Term Version 3   |
| ISO                            | Independent System Operator                            |
| ISTEA                          | International Surface Transportation Efficiency Act    |
| ITS                            | Intelligent Transportation Systems                     |
| kWh                            | Kilowatt Hour  |
| °K                             | degrees Kelvin   |
| LACDPW                         | Los Angeles County Department of Public Works          |

|                          |  |
|--------------------------|--|
| LACFD                    | Los Angeles County Fire Department                 |
| LACSD                    | Los Angeles County Sanitation Districts            |
| LADPW                    | Los Angeles Department of Public Works             |
| LADWP                    | Los Angeles Department of Water and Power          |
| LAER                     | lowest achievable emission reduction               |
| LA/G                     | Los Angeles – Glendale                             |
| lbs                      | pounds   |
| lbs/hr                   | pounds per hour                                    |
| LEL                      | lower explosive limit                              |
| LEV                      | Low Emission Vehicle                               |
| LOS                      | Level of Service                                   |
| LPG                      | liquefied petroleum gas                            |
| Lpk                      | Peak sound level                                   |
| LTM                      | Long Term Measures                                 |
| LVP                      | Low Pressure Vehicle                               |
| M-2                      | zone code associated with Heavy Manufacturing      |
| MACT                     | Maximum Achieved Control Technologies              |
| m/s                      | meters per second                                  |
| MATES                    | Multiple Air Toxic Exposure Study                  |
| MBAS                     | Methylene Blue Active Substances                   |
| MDAB                     | Mojave Desert Air Basin                            |
| MECA                     | Manufacturer's of Emission Controls Association    |
| MEIR                     | maximum exposed individual resident                |
| MEIW                     | maximum exposed individual worker                  |
| MEK                      | Methyl Ethyl Ketone                                |
| MICR                     | Maximum Increased Cancer Risk                      |
| M & I                    | Municipal and Industrial                           |
| MMBD                     | Million Barrels Per Day                            |
| Mmcf/d                   | Million Cubic Feet per Day                         |
| MOU                      | Memo of Understanding                              |
| MPO                      | Metropolitan Planning Organization                 |
| MRIV                     | Metropolitan Riverside County                      |
| MSC                      | Miscellaneous Sources                              |
| MSDS                     | Material Safety Data Sheet                         |
| MSERC                    | Mobile Source Emission Credit                      |
| MSW                      | Municipal Solid Waste                              |
| MTBE                     | methyl tertiary butyl ether                        |
| MTM                      | Mid-Term Control Measures                          |
| mw                       | megawatts  |
| MWD                      | Metropolitan Water District of Southern California |
| MWDOC                    | Municipal Water District of Orange County          |
| M85                      | Methanol   |
| N <sub>2</sub>           | nitrogen   |
| NAAQS                    | National Ambient Air Quality Standards             |
| NAFTA                    | North American Free Trade Agreement                |
| nanograms/m <sup>3</sup> | nanograms per cubic meter                          |

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|                   |  |
|-------------------|--|
| NESHAPS           | National Emission Standards for Hazardous Air Pollutants                 |
| NPDES             | National Pollutant Discharge Elimination System                          |
| NFPA              | National Fire Protection Agency  |
| NH <sub>3</sub>   | Ammonia  |
| NIOSH             | National Institute of Occupational Safety and Health                     |
| NO                | Nitric Oxide   |
| NO <sub>2</sub>   | Nitrogen Dioxide   |
| NOP               | Notice of Preparation  |
| NOV               | Notice of Violation  |
| NO <sub>x</sub>   | nitrogen oxide   |
| NPDES             | National Pollutant Discharge Elimination System                          |
| NS                | No significant impacts   |
| NSPS              | New Source Performance Standards   |
| NSR               | New Source Review  |
| O <sub>3</sub>    | Ozone  |
| OCSD              | Orange County Sanitation District  |
| OCWD              | Orange County Water District   |
| OEHHA             | Environmental Health Hazards Assessment                                  |
| OEM               | Original Equipment Manufacturer  |
| OES               | Office of Emergency Services   |
| OSHA              | Occupational Safety and Health Administration                            |
| PAHs              | Polynuclear Aromatic Hydrocarbons  |
| PCBF              | Perchlorobenzotrifluoride  |
| PCE               | passenger car equivalents  |
| PEM               | Proton Exchange Membrane   |
| pH                | potential hydrogen ion concentration                                     |
| PM <sub>10</sub>  | particulate matter less than 10 microns equivalent aerodynamic diameter  |
| PM <sub>2.5</sub> | particulate matter less than 2.5 microns equivalent aerodynamic diameter |
| POTW              | Publicly Owned Treatment Works   |
| ppbv              | parts per billion by volume  |
| ppm               | parts per million  |
| ppmv              | parts per million by volume  |
| PRC               | Process Related Emissions  |
| PSD               | Prevention of Significant Deterioration                                  |
| psi               | pounds per square inch   |
| psia              | pounds per square inch absolute  |
| psig              | pounds per square inch (gauge)   |
| PSM               | Process Safety Management Program  |
| PTFE              | Polytetrafluoroethylene  |
| PV                | Photovoltaic   |
| PVID              | Palos Verdes Irrigation District   |
| PWV               | Pomona/Walnut Valley   |
| PWSA              | Ports and Waterways Safety Act   |
| PX                | Power Exchange   |
| QSA               | Quantified Settlement Agreement  |
| RCPG              | Regional Comprehensive Plan and Guide                                    |

|                 |  |
|-----------------|--|
| RCRA            | Resource Conservation and Recovery Act                   |
| RECLAIM         | Regional Clean Air Incentives Market                     |
| REL             | Reference exposure level                                 |
| RFG             | reformulated fuels gasoline                              |
| RFL             | Refueling  |
| RMP             | Risk Management Program                                  |
| RMPP            | Risk Management and Prevention Program                   |
| ROC             | Reactive Organic Compound                                |
| ROG             | Reactive Organic Gases                                   |
| RPS             | Renewable Portfolio Standard                             |
| RTIP            | Regional Transportation Implementation Plan              |
| RTP             | Regional Transportation Plan                             |
| RVP             | Reid Vapor Pressure                                      |
| RWQCB           | Regional Water Quality Control Board, Los Angeles Region |
| SANI            | San Nicolas Island                                       |
| SARA            | Superfund Amendments and Revitalization                  |
| SB              | Senate Bill  |
| SCAB            | South Coast Air Basin                                    |
| SCAG            | Southern California Association of Governments           |
| SCAQMD          | South Coast Air Quality Management District              |
| SCE             | Southern California Edison Company                       |
| SCR             | Selective Catalytic Reduction                            |
| SCS             | Soil Conservation Service                                |
| SDCWA           | San Diego Water Authority                                |
| SNCR            | Selective Non-Catalytic Reduction                        |
| SIP             | State Implementation Plan                                |
| SO <sub>2</sub> | sulfur dioxide   |
| SO <sub>3</sub> | Sulfur Trioxide  |
| SOFC            | Solid Oxide Fuel Cell                                    |
| SO <sub>x</sub> | sulfur oxide   |
| SPCC            | Spill Prevention, Control and Countermeasure             |
| SSAB            | Salton Sea Air Basin                                     |
| SSCOT           | State Standing Committee on Terrorism                    |
| SULEV           | Super Ultra Low Emission Vehicle                         |
| SWP             | State Water Project                                      |
| SWMPS           | Storm Water Management Plan                              |
| SWPPP           | Stormwater Pollution Prevention Plan                     |
| SWRCB           | State Water Resources Control Board                      |
| T-BACT          | Toxics Best Available Control Technology                 |
| TACs            | toxic air contaminants                                   |
| TAO             | Technology Advancement Office                            |
| TCM             | Transportation Control Measure                           |
| TCE             | Trichloroethylene  |
| TDM             | transportation demand management                         |
| TDS             | total dissolved solids                                   |
| TEA             | Transportation Equity Act                                |



|                   |   |
|-------------------|---|
| TIMP              | Transportation Improvement and Mitigation Program |
| TMA               | Transportation Management Association             |
| TMDL              | Total Maximum Daily Loads                         |
| TOG               | Total Organic Gases                               |
| TPD               | Tons per Day                                      |
| TPH               | total petroleum hydrocarbons                      |
| TPY               | Tons per Year                                     |
| TSP               | Total Suspended Particulates                      |
| TSS               | Total Suspended Solids                            |
| TWC               | Three Way Catalyst                                |
| UAM               | Urban Airshed Model                               |
| ULEV              | Ultra Low Emission Vehicle                        |
| ULF               | Ultra Low Flush                                   |
| U.S.              | United States                                     |
| USDOT             | United States Department of Transportation        |
| U.S. EPA          | United States Environmental Protection Agency     |
| USC               | United States Code                                |
| USCG              | United States Coast Guard                         |
| ug/l              | micrograms per liter                              |
| ug/m <sup>3</sup> | micrograms per cubic meter                        |
| UV                | Ultra Violet                                      |
| UWA               | Unified Watershed Assessment                      |
| V/C               | volume to capacity ratio                          |
| VMT               | Vehicle Miles Traveled                            |
| VOC               | volatile organic compounds                        |
| volatiles         | purgeable organics                                |
| WBMWD             | West Basin Metropolitan Water District            |
| WDR               | Waste Discharge Requirements                      |
| WRD               | Water Replenishment District                      |
| WST               | Waste Related Measures                            |
| ZEV               | Zero Emissions Vehicles                           |