

Abbreviations

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| $\mu\text{g}/\text{m}^3$ | micrograms per meters squared |
| AADT | Average Annual Daily Traffic |
| AAQS | Ambient Air Quality Standards |
| AB | Assembly Bill |
| ACM | Asbestos-Containing Materials |
| ACWM | Asbestos-Containing Waste Materials |
| AERMOD | American Meteorological Society/Environmental Protection Agency Regulatory Model Improvement Dispersion Model |
| AES | Aesthetics |
| AICUZ | Air Installation Compatible Use Zone |
| ANSI | American National Standards Institute |
| AVO | Average Vehicle Occupancy |
| BA | Balancing Area |
| BAT | Best Available Technology Economically Achievable |
| BCT | Best Conventional Pollutant Control Technology |
| BLM | Bureau of Land Management |
| BMPs | Best Management Practices |
| Btu | British thermal units |
| CAA | Clean Air Act |
| CAAQS | California Ambient Air Quality Standards |
| Cal ARP | California Accidental Release Prevention Program |
| CalEEMod | California Emissions Estimator Model |
| CalEPA | California Environmental Protection Agency |
| Cal-OSHA | California Occupational Safety and Health Administration |
| Caltrans | California Department of Transportation |
| CARB | California Air Resources Board |
| CBC | California Building Code |
| CCCT | Combined Cycle Combustion Turbine |
| CCR | California Code of Regulations |
| CEC | California Energy Commission |
| CEMS | Continuous Emission Monitoring Systems |
| CEQA | California Environmental Quality Act |

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| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CERS | California Environmental Reporting System |
| CFR | Code of Federal Regulations |
| CGS | California Geological Survey |
| CH ₄ | Methane |
| CHLs | California Historical Landmarks |
| CHSRA | California High Speed Rail Authority |
| City | City of Glendale |
| CMP | Congestion Management Program |
| CNEL | Community Noise Equivalent Level |
| CO | Carbon Monoxide |
| CO ₂ | Carbon Dioxide |
| CO ₂ e | Carbon Dioxide equivalent |
| CRHR | California Register of Historical Resources |
| CRS | California Road System |
| CTG | Combustion Turbine Generator |
| CUPA | Certified Unified Program Agency |
| CWA | Clean Water Act |
| dB | decibel |
| dBA | A-weighted decibel |
| dBC | C-weighted decibel scale |
| DC | Direct Current |
| DTSC | California Department of Toxic Substances and Control |
| EIR | Environmental Impact Report |
| EPC | Engineering, Procurement, and Construction |
| ERAs | Exceedance Response Actions |
| ERC | Emission Control Credit |
| ESA | Environmental Site Assessment |
| FEMA | Federal Emergency Management Agency |
| FHWA | Federal Highway Administration |
| FIRM | Flood Insurance Rate Map |
| G | Ground absorption |
| GHG | Greenhouse Gas |
| GIS | Gas Insulated Switchgear |
| GIS | Geographic Information System |
| gr | grains |
| GWP | Glendale Water and Power |
| H ₂ S | Hydrogen Sulfide |

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| HAZ | Hazards |
| HCM | Highway Capacity Manual |
| HFCs | Hydrofluorocarbons |
| HI | Hazard Indices |
| HOV | High Occupancy Vehicle |
| hp | horsepower |
| hr | hour |
| HRS | Heat Recovery Steam Generator |
| HSWA | Hazardous and Solid Waste Act |
| Hwy | Highway |
| Hz | Hertz |
| I-5 | Interstate 5 |
| IBC | International Building Code |
| ICU | Intersection Capacity Utilization |
| in | inches |
| ISO | International Organization for Standardization |
| KOP | Key Observation Points |
| kV | kilovolt |
| kWe | kilowatt electrical |
| kWH | kilowatt hour |
| L _a | Vibration Acceleration Level |
| LADWP | Los Angeles Department of Water and Power |
| lbm | pounds-mass |
| L _{dn} | day-night average sound level |
| Leq | equivalent continuous sound level |
| LFN | Low Frequency Noise |
| LORS | Laws, Ordinances, Regulations, and Standards |
| LOS | Level of Service |
| LST | Liquid Storage Tank |
| L _v | Vibration Velocity Level |
| m | meters |
| MERPs | Modeled Emission Rates for Precursors |
| MICR | Maximum Individual Cancer Risk |
| MM | Mitigation Measure |
| mmcf | Million Cubic Feet |
| MND | Mitigated Negative Declaration |
| MOE | Measure of Effectiveness |
| mph | miles per hour |

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| MRR | Mandatory Reporting Rule |
| MT | Metric Tons |
| MW | Megawatt |
| MWH | Megawatt-hour |
| N ₂ | Diatomic Nitrogen |
| N ₂ O | Nitrous Oxide |
| Na ₂ PO ₄ | Tri-sodium phosphate |
| NAAQS | National Ambient Air Quality Standards |
| NAGPRA | Native American Graves Protection and Repatriation Act |
| NAHC | Native American Heritage Commission |
| NALs | Numeric Action Levels |
| NCP | National Contingency Plan |
| NECs | No Exposure Certifications |
| NERC | North American Electric Reliability Corporation |
| NESHAP | National Emission Standards for Hazardous Air Pollutants |
| NH ₃ | Ammonia |
| NHPA | National Historic Preservation Act |
| NO ₂ | Nitrogen Dioxide |
| NOIs | Notices of Intent |
| NOP | Notice of Preparation |
| NOTs | Notices of Termination |
| NO _x | Nitrous Oxides |
| NPDES | National Pollutant Discharge Elimination System |
| NPL | National Priorities List |
| NSR | New Source Review |
| NSWDs | Non-storm water discharges |
| O ₂ | Oxygen Gas |
| O ₃ | Ozone |
| OEHHA | Office of Environmental Health Hazard Assessment |
| OPR | Governor's Office of Planning and Research |
| OSHA | Occupational Safety and Health Administration |
| PAHs | Polycyclic Aromatic Hydrocarbons |
| Pb | Lead |
| PCB | Polychlorinated Biphenyls |
| PCE | Passenger Car Equivalent |
| PCR | Public Resources Code |
| PFCs | Perfluorocarbons |
| PHI | California Points of Historical Interest |

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| PM | Particulate Matter |
| PPA | Peak Particle Acceleration |
| ppb | parts per billion |
| ppm | parts per million |
| ppmv | parts per million by volume |
| ppmvd | parts per million by volume, dry basis |
| PPV | Peak Particle Velocity |
| PRDs | Permit Registration Documents |
| PSD | Prevention of Significant Deterioration |
| psig | pounds per square inch gauge |
| P-waves | Primary waves |
| RCRA | Resource Conservation and Recovery Act |
| REL | Reference Exposure Levels |
| RMP | Risk Management Plan |
| RMS | Root-Mean-Square |
| ROWD | Report of Waste Discharge |
| RTP | Regional Transportation Plan |
| R-waves | Rayleigh waves |
| RWQCB | Los Angeles Regional Water Quality Control Board |
| s | second |
| SARA | Superfund Amendments and Reauthorization Act |
| SB | Senate Bill |
| SCAB | South Coast Air Basin |
| SCAG | Southern California Association of Governments |
| SCAQMD | South Coast Air Quality Management District |
| SCC | Siemens Combined Cycle |
| SCCT | Simple Cycle Combustion Turbine |
| scf | square cubic feet |
| SCR | Selective Catalytic Reduction |
| SCRRA | Southern California Regional Rail Authority |
| SEA | Significant Ecological Area |
| SF ₆ | Sulfur Hexafluoride |
| SMARTS | Storm Water Multiple Application and Report Tracking System |
| SO ₄ ²⁻ | Sulfates |
| SoCalGas | Southern California Gas Company |
| SO _x | Sulfur Oxides |
| SPCC | Spill Prevention, Control, and Countermeasure |
| SR | State Route |

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| SRTS | Safe Routes to School |
| SUSMP | Standard Urban Stormwater Mitigation Plan |
| S-waves | Secondary waves |
| SWPPP | Stormwater Pollution Prevention Plan |
| TEWAC | Totally Enclosed Water to Air Cooled |
| TMDL | Total Maximum Daily Loads |
| TPY | Tons Per Year |
| TQ | Threshold Quantity |
| TRA | Traffic |
| USC | United States Code |
| USEPA | United States Environmental Protection Agency |
| UST | Underground Storage Tank |
| V/C | Volume-to-Capacity |
| VMT | Vehicle Miles Traveled |
| VOC | Volatile Organic Compound |
| vpd | vehicles per day |
| WECC | Western Electricity Coordinating Council |