

CHAPTER 7

ACRONYMS

7.0 ACRONYMS

ABBREVIATION	DESCRIPTION
AAQS	Ambient Air Quality Standard
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
AQGGP	Air Quality Guidelines for General Plans
AQIP	Air Quality Investment 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
BARCT	Best Available Retrofit Control Technology
BCM	Best Available Control Measures for Fugitive Dust Sources
BMP	Best Management Practices
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
Caltrans	California Department of Transportation
CalOSHA	California Occupational Safety and Health Administration
CAMx	Comprehensive Air Quality Model with Extensions Model
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCAA	California Clean Air Act

CCOS	Central California Ozone Study
CCR	California Code of Regulations
CDWR	California Department of Water Resources
CEC	California Energy Commission
CEMS	Continuous Emissions Monitoring System
CEQA	California Environmental Quality Act
CFCs	Chloroflorocarbons
CFR	Code of Federal Regulations
CH ₄	Methane
CHMIRs	California Hazardous Materials Incident Reporting System
CHP	California Highway Patrol
CIWMB	California Integrated Waste Management Board
CMAQ	Community Multi-scale Air Quality
CNEL	community noise equivalent level
CNG	Compressed Natural Gas
CNS	Central nervous system
CO	Carbon monoxide
CO ₂	Carbon dioxide
CPUC	California Public Utilities Commission
CRA	Colorado River Aqueduct
CUP	Conditional Use Permit
CVP	Central Valley Project
CWA	Clean Water Act
CWAP	Clean Water Action Plan
CWMI	Chemical Waste Management Inc.
C ₄	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 of Toxic Substances Control
DTIM	Direct Travel Impact Model
DWR	California Department of Water Resources
ERC	Emission Reduction Credit
EB	Electron Beam
EGR	Exhaust Gas Recirculation
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

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°F	Degrees Fahrenheit
FBI	Federal Bureau of Investigation
FEMA	Federal Emergency Management Agency
FGR	flue gas recirculation
FHWA	Federal Highway Administration
FIP	Federal Implementation Plan
FR	Federal Register
G	acceleration of gravity
GWRS	Groundwater Replenishment System
H ₂	Hydrogen
H ₂ SO ₄	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 ₃	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
IM	Industrial Maintenance
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
LAER	lowest achievable emission reduction
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
MACT	Maximum Achieved Control Technologies
m/s	meters per second
MATES	Multiple Air Toxic Exposure Study
MBAS	Methylene Blue Active Substances
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
MM5	Meso-scale Model 5
MMBD	Million Barrels Per Day
MMcfd	Million Cubic Feet per Day
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MSDS	Material Safety Data Sheet
MSERC	Mobile Source Emission Credit
MSIP	Mobile Source Emission Reduction Incentive Program
MSW	Municipal Solid Waste
MTBE	Methyl Tertiary Butyl Ether
MTM	Mid-Term Control Measures
mw	megawatts
N ₂	Nitrogen
NAAQS	National Ambient Air Quality Standards
NAFTA	North American Free Trade Agreement
nanograms/m ³	nanograms per cubic meter
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NPDES	National Pollutant Discharge Elimination System
NFPA	National Fire Protection Agency
NH ₃	Ammonia
NIOSH	National Institute of Occupational Safety and Health
NO	Nitric Oxide
NO ₂	Nitrogen Dioxide
NOP	Notice of Preparation
NOP/IS	Notice of Preparation/Initial Study
NOV	Notice of Violation
NO _x	Nitrogen Oxide
NPDES	National Pollutant Discharge Elimination System
NS	No significant impacts
NSPS	New Source Performance Standards
NSR	New Source Review
NTS	National Technical System
O ₃	Ozone
OADP	Ozone Attainment Demonstration Plan
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
PCBTF	p-chlorobenzotrifluoride

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PCE	passenger car equivalents
PEM	Proton Exchange Membrane
PG&E	Pacific Gas and Electric Company
pH	potential hydrogen ion concentration
PM10	particulate matter less than 10 microns equivalent aerodynamic diameter
PM2.5	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
PSU	Primers, Sealers, and Undercoaters
PTFE	Polytetrafluoroethylene
PX	Power Exchange
QSA	Quantified Settlement Agreement
RACM	Reasonably Available Control Measure
RCPG	Regional Comprehensive Plan and Guide
RCRA	Resource Conservation and Recovery Act
REL	Reference exposure level
REMOVE	Reduced Motor Vehicle Emissions
RFP	Reasonable Further Progress
RFG	reformulated fuels gasoline
RMP	Risk Management Program
RMPP	Risk Management and Prevention Program
ROC	Reactive Organic Compound
ROG	Reactive Organic Gases
ROP	rate of progress
RPS	Renewable Portfolio Standard
RTIP	Regional Transportation Implementation Plan
RTP	Regional Transportation Plan
RTPA	Regional Transportation Planning Agency
RVP	Reid Vapor Pressure
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Revitalization
SAQM	SAPMAP Air Quality Model
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison Company
SCR	Selective Catalytic Reduction

SCS	Soil Conservation Service
SNCR	Selective Non-Catalytic Reduction
SJVAB	San Joaquin Valley Air Basin
SJVUAPCD	San Joaquin Valley Unified Air Pollution Control District
SIP	State Implementation Plan
SO ₂	sulfur dioxide
SO ₃	Sulfur Trioxide
SOFC	Solid Oxide Fuel Cell
SO _x	sulfur oxide
SPCC	Spill Prevention, Control and Countermeasure
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
TACs	toxic air contaminants
TAF	thousand acre feet
TAO	Technology Advancement Office
TCM	Transportation Control Measure
TCE	Trichloroethylene
Tcf	trillion cubic feet
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
TPA	Transportation Planning Agency
TPD	Tons per Day
TPH	total petroleum hydrocarbons
TPY	Tons per Year
TSP	Total Suspended Particulates
TSS	Total Suspended Solids
TWC	Three Way Catalyst
ULEV	Ultra Low Emission Vehicle
ULF	Ultra Low Flush
U.S.	United States
USBR	United States Bureau of Reclamation
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

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ug/m ³	micrograms per cubic meter
UV	Ultra Violet
UWA	Unified Watershed Assessment
V/C	volume to capacity ratio
VECAP	San Joaquin Valley Emergency Clean Air Attainment Program
VMS	Volatile Methylated Siloxanes
VMT	Vehicle Miles Traveled
VOC	volatile organic compounds
volatiles	purgeable organics
WDR	Waste Discharge Requirements
WRD	Water Replenishment District
WST	Waste Related Measures
ZEV	Zero Emissions Vehicles