

List of Abbreviations and Acronyms

AAQS	Ambient Air Quality Standard
AASP	Airport Area Specific Plan
AB	Assembly Bill
ACF	Advanced Chemical Fingerprinting
ACM	asbestos containing materials
ACOS	Airport Compatibility Open Space
ADA	Americans with Disabilities Act
AIChE	American Institute Of Chemical Engineers
ALUC	Airport Land Use Commission
ALUP	Airport Land Use Plan
ANSI	American National Standards Institute
APCD	Air Pollution Control District
APCO	Air Pollution Control Officer
API	American Petroleum Institute
APS	Alternative Planning Strategy
AQAP	Air Quality Attainment Plan
AQIA	Air Quality Impact Analysis
ARB	Air Resources Board
ARCS	Alternative Remedial Contracting System
ARI	Architectural Resource Inventory
ARIM	Architectural Resource Impact Mitigation
AST	aboveground storage tank
ASTM	ASTM International
ATC	Authority To Construct
ATCM	Air Toxics Control Measure
atm	atmosphere
BACT	Best Available Control Technology
bbbl	barrel
bgs	below ground surface
BLEVE	Boiling Liquid Expanding Vapor Explosion
BOPE	Blowout Prevention Equipment
BP	Before Present
bpd	barrels per day
bpd	barrels per day

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bph	barrels per hour
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
Btu	British Thermal Unit
Btu/SCF	British Thermal Units Per Standard Cubic Feet
CAAA	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standard
CalEPA	California Environmental Protection Agency
CALFIRE	California Department of Forestry/San Luis Obispo County Fire Department
Cal/OSHA	California Division of Occupational Safety and Health
Caltrans	California Department of Transportation
CAP	Clean Air Plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCD	Census County Division
CCR	California Code of Regulations
CDFB	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife
CDMG	California Division of Mines and Geology
CDOGGR	California Resource Agency, Department of Conservation, Division of Oil, Gas, and Geothermal Resources
CEC	California Energy Commission
CEMC	Chevron Environmental Management Company
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESA	California Endangered Species Act
CFR	Code Of Federal Regulations
CIWMB	California Integrated Waste Management Board
CHC	Cultural Heritage Commission
CH ₄	methane
CHP	California Highway Patrol
CNDDDB	California Natural Diversity Data Base
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide

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CO ₂	carbon dioxide
CRHR	California Register of Historic Resources
CPUC	California Public Utilities Commission
CRLG	California red-legged frog
CSC	California Department of Fish & Wildlife Species of Special Concern
CTS	California tiger salamander
CV	Check Valve
CWA	Clean Water Act
CWRT	American Institute of Chemical Engineers Center for Waste Reduction Technologies
CZO	Coastal Zoning Ordinance
DA	Development Agreement
dB	decibel
dBA	weighted decibels
DOT	U.S. Department of Transportation
DRO	Diesel-Range Organics
EHD	Environmental Health Division
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency
ERP	Emergency Response Plan
ERWG	Ecological Risk Working Group
ESD	Emergency Shutdown
ESE	Entire Source Emissions
ESH	Environmentally Sensitive Habitat
ESU	evolutionary significant units
FDM	Fugitive Dust Model
FPS	Fully Protected Species (California Department of Fish & Wildlife)
FS	feasibility study
ft	feet
ft ²	square feet
ft ²	square feet
ft ³	cubic feet
ft ³ per bbl	cubic feet per barrel
FVD	Fluorescence Versus Depth

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g	gram
g/d	gallons per day
GC/FID	Gas Chromatograph/Flame Ionization Detector
GC/MS	Gas Chromatography/Mass Spectrometry
g-hp/hr	grams per horsepower hour
GHG	greenhouse gas
GIS	Geographic Information System
gpm	gallons per minute
GRO	Gasoline-Range Organics
GWP	global warming potential
H ₂ S	hydrogen sulfide
HazMat	hazardous material
HAZOP	Hazard And Operability Study
HHRWG	Human Health Risk Working Group
hp	horsepower
HRO	Heavy-Range Organics
HS&P	Heating, Separating And Pumping Facilities
HSC	Health and Safety Code
Hz	hertz
ICS	Incident Command System
IDLH	Immediately Dangerous to Life and Health
IDW	Investigation-derived waste
in	inches
ISCST	Industrial Source Complex Short Term Model
IWMA	Integrated Waste Management Authority
K	Kelvin (absolute temperature)
kg	kilograms
km	kilometers
kV	kilovolts
kVA	kilovolt-amperes
LAFCO	Local Agency Formation Commission
lb	pounds
lbs/yr	pounds per year
Leq	Equivalent Continuous Sound Level
Lmin	Equivalent Minimum Sound Level
Lmax	Equivalent Maximum Sound Level

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LFL	Lower Flammability Limit
LNAPL	low-density non-aqueous phase liquid
LOD	Limit Of Detection
LOS	Level Of Service
LPG	Liquid Petroleum Gas
LTS	Low Temperature Separation
LTX	Low Temperature Separator Unit
LUO	Land Use Ordinance
m	meters
M	thousand
m/s	meters per second
MAOP	Maximum Allowable Operating Pressure
MAWP	Maximum Allowable Working Pressure
MCC	Motor Control Center
mcf	thousand standard cubic feet
MCL	Maximum Contaminant Level
MCL	maximum contaminant level
MDL	Method Detection Limit
mi	miles
ml	milliliter
mm/s	millimeters/second
MM	million
MMBtu/h	Million British Thermal Units Per Hour
MMcf	Million Cubic Feet
MMcfd	Million Cubic Feet Per Day
MMscf	Million Standard Cubic Feet
MMTCE	million metric tons of carbon equivalent
mol	mole
MOV	Motor Operated Valve
mph	miles per hour
MPO	Metropolitan Planning Organizations
MRS	Marine Research Specialists
Mscfd	Thousand Standard Cubic Feet Per Day
msl	Mean Sea Level
MTCO _{2e}	metric tons of carbon dioxide equivalent
μ	micron

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$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
NA	Not Accessible
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NAPL	non-aqueous phase liquid
NCEL	U.S. Navy Civil Engineering Laboratory
NCP	National Contingency Plan
NDBC	National Data Buoy Center
NDDDB	California Natural Diversity Database
NEC	National Electrical Code
NEI	Net Emissions Increase
NFPA	National Fire Prevention Association
NGL	Natural Gas Liquid
NHIS	nonhazardous impacted soil
NIST	National Institute of Standards & Technology
nm	nanometer
NO	Nitrogen Oxide
NO ₂	Nitrogen Dioxide
NODC	National Oceanographic Data Center
NOP	Notice Of Preparation
NO _x	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System
NRDA	National Resource Damage Assessment
NSHP	New Solar Homes Partnership
NSR	New Source Review
O ₃	Ozone
°C	Degrees Celsius
°F	degrees Fahrenheit
OAL	Office of Administrative Law
OD	outer diameter
OEHHA	Office of Environmental Health Hazard Assessment
OES	California Office Of Emergency Services
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
Pa	Pascals

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PAECT	Pollution Abatement And Environmental Control Technology
PAH	Polynuclear Aromatic Hydrocarbon
Pb	Lead
PCA	Principal Component Analysis
PCB	polychlorinated biphenyls
PDT	Pacific Daylight Time
PG&E	Pacific Gas and Electric Company
pH	hydrogen ion concentration in terms of acidity or alkalinity
PHT	Peak Hour Trips
PID	Photoionization detector
PIMA	Petroleum Industry Mutual Aid Agreement
PM10	Suspended Particulate Matter Ten Microns Or Less In Diameter
ppb	parts per billion
ppm	parts per million
ppmV	parts per million volume
ppt	parts per trillion
PRC	Public Resources Code
PSD	Prevention Of Significant Deterioration
psf	pounds per square feet
psia	pounds per square inch absolute
psig	pounds per square inch gauge
PST	Pacific Standard Time
PUC	Public Utilities Commission
PVC	polyvinyl chloride
RPZ	Runway Protection Zone
QA	Quality Assurance
QA/QC	Quality Assurance/Quality Control
QAP	Quality Assurance Program
QC	Quality Control
QRB	Quality Review Board
RF	Response Factors
RMPP	Risk Management and Prevention Program
rms	root mean square
ROC	Reactive Organic Compound
ROG	Reactive Organic Gas

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ROW	Right of Way
rpm	revolutions per minute
RTP	Re mediation Technology Panel
RTP	Regional Transport Plan
RWQCB	Regional Water Quality Control Board
s	second
SARE	Subsurface Archaeological Resource Evaluation
SB	Senate Bill
SLOAPCD	San Luis Obispo County Air Pollution Control District
SLOCFD	San Luis Obispo City Fire Department
SCS	Sustainable Communities Strategy
SDWA	Safe Drinking Water Act
SEA	Significant Ecological Area
SEMS	California Standardized Emergency Management System
SERRT	Surface Evaluation, Remediation, and Restoration Team
SF6	Sulfur hexafluoride
SIM	Selected Ion Monitoring Mode
SIMQAP	Safety, Inspection, Maintenance And Quality Assurance Program
SLAMS	State And Local Air Monitoring Stations
SLOCRA	San Luis Obispo County Regional Airport
SLOCOG	San Luis Obispo Council of Governments
SLOFD	San Luis Obispo Fire Department
SLOPD	San Luis Obispo Police Department
SLUCSD	San Luis Coastal Unified School District
SO ₂	Sulfur Dioxide
SOP	Standard Operating Procedure
SP	specific gravity
SPMD	semi-permeable membrane devices
SRM	Standard Reference Material
SSO	Sanitary Sewer Overflows
SVRA	State Vehicle Recreational Area
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminants
TEG	Triethylene Glycol
TEMA	Tubular Exchanger Manufacturers Association
TOC	Total Organic Carbon

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TOG	Total Organic Gases
TPH	Total Petroleum Hydrocarbons
TPH	total petroleum hydrocarbons
TSP	Total Suspended Particulate
UCM	Unresolved Complex Mixtures
UFC	Uniform Fire Code
UFL	Upper Flammability Limit
µg/L	micrograms per liter
URBEMIS	Urban Emissions
URL	urban reserve line
USL	urban services line
USDA	U.S. Department of Agriculture
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
UST	underground storage tanks
UVCE	Unconfined Vapor Cloud Explosion
VOC	Volatile Organic Compound
VOC	volatile organic compounds
VPD	vehicles per day
WDR	Waste Discharge Requirement
WTM	Wavelength-Time Matrix
WWC	Wastewater Collections Division
yd ³	cubic yards
CBC	California Building Code
CFC	California Fire Code