

Acronyms and Abbreviations

µg/m ³	micrograms per cubic meter
°F	degree Fahrenheit
3-D	three-dimensional
A	ampere
AC	alternating current
ACGIH	American Conference of Government Industrial Hygienists
ACHP	Advisory Council on Historic Preservation
ADT	average daily traffic
AFA	Austin-Foust Associates, Inc.
AFC	Application for Certification
afy	acre-feet per year
AHM	acutely hazardous material
AHPA	Archaeological and Historic Preservation Act
AMR	American Medical Response
ANSI	American National Standards Institute
APCD	air pollution control district
APE	area of potential effects
API	American Petroleum Institute
APLIC	Avian Power Line Interaction Committee
AQMD	air quality management district
AQRVs	air quality related values
ASME	American Society of Mechanical Engineers
AST	aboveground storage tank
B.P.	before present
BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
bgs	below ground surface

BLM	U.S. Bureau of Land Management
BMPs	best management practices
BOP	balance of plant
BPIP	Building Profile Input Program
BUR	Burbank Airport
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAISO	California Independent System Operator
CalARP	California's Accidental Release Prevention Program
CalEPA	California Environmental Protection Agency
Cal-OSHA	California Occupational Safety and Health Administration
CAM	Compliance Assurance Monitoring
CAS	Chemical Abstract Service
CBC	California Building Code
CBMWD	Central Basin Municipal Water District
CBO	Certified Building Official
CCR	California Code of Regulations
CDC	California Department of Conservation
CDFG	California Department of Fish and Game
CDPD	Cellular Digital Pocket Data
CEC	California Energy Commission
CEDD	California Employment Development Department
CEM	continuous emission monitoring
CEMS	continuous emission monitoring system
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CHP	California Highway Patrol

CHU	Critical Habitat Unit
City	City of Vernon
CIWMA	California Integrated Waste Management Act
CMP	Congestion Management Program
CNDDDB	California Natural Diversity Data Base
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
County	Los Angeles County
CPM	Compliance Project Manager
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CRS	Cultural Resources Specialist
CSC	California species of special concern
CT	combustion turbine
CTG	combustion turbine generator
CUP	conditional use permit
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
DAS	data acquisition system
dB	decibels
dBA	decibels, A-weighted
DC	direct current
DCS	distributed control system
DDT	dichlorodiphenyltrichloroethane
DEM	Digital Elevation Model
DER	Designated Ecological Reserve
DOC	determination of compliance
DOF	Department of Finance

DOT	Department of Transportation
DTSC	Department of Toxic Substances Control
EAF	equivalent availability factor
EDR	Environmental Data Resources, Inc.
EGFs	electric generating facilities
EHD	Environmental Health Department
EHS	extremely hazardous substance
EIR	Environmental Impact Review
EMF	electric and magnetic field
EO	Executive Order
EPCRA	Emergency Planning and Community Right-To-Know Act of 1986
ERC	emission reduction credits
ERNS	Emergency Response Notification System
ERPG	Emergency Response Planning Guideline
ERPG-1	Maximum airborne concentration below which nearly all individuals could be exposed for up to 1 hour without experiencing other than mild transient adverse health effects
ERPG-2	Maximum airborne concentration below which nearly all individuals could be exposed for up to 1 hour without developing irreversible or serious health effects
ERPG-3	Maximum airborne concentration below which nearly all individuals could be exposed for up to 1 hour without experiencing life-threatening health effects
ES	Elementary School
ESA	Environmental Site Assessment
FAA	Federal Aviation Administration
FDA	Food and Drug Administration
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FLAG	Federal Land Managers' Air Quality Related Values Workgroup

FMMP	Farmland Mapping and Monitoring Program
FY	fiscal year
g/hp-hr	gram per horsepower hour
g/m ³	gram per cubic meter
GEP	Good Engineering Practice
GIS	gas-insulated subsation
Gj/hr	gigajoules per hour
GO	General Order (of CPUC)
GO-95	General Order 95
gpd	gallons per day
gpm	gallons per minute
gr/dscf	grains per dry standard cubic foot
GWh	gigawatt hours
H&SC	California Health and Safety Code
HAP	hazardous air pollutant
HAZMAT	Hazardous Materials
HCM	<i>Highway Capacity Manual</i>
HCP	Habitat Conservation Plan
HDD	horizontal directional drilling
HHV	higher heating value
HI	hazard index
HMBP	Hazardous Materials Business Plan
HMERT	Hazardous Materials Emergency Response Team
HP	high pressure
HRSG	heat recovery steam generator
HSP	Health and Safety Plan
HWCL	Hazardous Waste Control Law
HWIS	Hazardous Waste Information System
Hz	hertz
I/O	input/output

ICU	Intersection Capacity Utilization
IDLH	Immediately dangerous to life and health
IEEE	Institute of Electrical and Electronic Engineers
IPP	independent power producers
ITE	Institute of Transportation Engineers
IWDP	Industrial Wastewater Discharge Permit
K	degrees Kelvin
kA	kilo-ampere
km	kilometer
KOP	key observation point
kV	kilovolt
kV/m	kilovolts per meter
L ₉₀	the noise level that is exceeded during 90 percent of the measurement period
L ₉₀	noise level that is exceeded during 90 percent of the measurement period
LA Junction	Los Angeles Junction Railway Company
LA River	Los Angeles River
LACDPW	Los Angeles County Department of Public Works
LACMVP	Natural History Museum of Los Angeles County Vertebrate Paleontology Department
LACSD	Sanitation Districts of Los Angeles County
LADWP	Los Angeles Department of Water and Power
LARW	Los Angeles River Watershed
LARWQCB	California Regional Water Quality Control Board, Los Angeles Region
LAUSD	Los Angeles Unified School District
LAX	Los Angeles International Airport
lb/hr	pounds per hour
lb/MMscf	pounds per million standard cubic feet
LC	load center
LD ₅₀	dose lethal to 50 percent of those tested
LDLO	lowest published lethal dose

LEL	lower explosive limit
LEPC	Local Emergency Planning Committee
L_{eq}	equivalent sound pressure level
LGB	Long Beach Airport
LHV	lower heating value
LO/TO	lock-out/tag-out
LORS	laws, ordinances, regulations and standards
LOS	Level of Service
LP	low pressure
m	meter
M	Richter Magnitude
m/s	meter per second
mA	milliamperes
MACT	maximum achievable control technology
MCC	motor control centers
MEI	Maximum Exposed Individual
MEIR	Maximum Exposed Individual Resident
MEIW	Maximum Exposed Individual Worker
mG	milligauss
mg/kg	milligrams per kilogram
mg/L	milligrams/liter
mg/m ³	milligrams per cubic meter
MGS	Malburg Generating Station
mgy	million gallons per year
MICR	maximum individual cancer risk
MLD	Most Likely Descendant
MMBtu/hr	million British thermal units per hour
MS	Middle School
MSDS	Material Safety Data Sheets
MVA	megavolt-amperes

MW	megawatt
MWD	Metropolitan Water District
NAAQS	national ambient air quality standards
NAHC	Native American Heritage Commission
NCCP	Natural Communities Conservation Plan
NESC	National Electric Safety Code
NESHAPS	National Emission Standards for Hazardous Air Pollutants (
NFPA	National Fire Protection Association
NH ₃	ammonia
NHPA	National Historic Preservation Act [
NIOSH	National Institute of Occupational Safety and Health
NO	nitric oxide
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSPS	Standards of Performance for New Stationary Sources
NSR	New Source Review
O&M	operations and maintenance
OEHHA	Office of Health Hazard Assessment
ONT	Ontario International Airport
OSHA	Occupational Safety and Health Act
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyl
PEL	OSHA permissible exposure limit for 8-hr workday
PG&E	Pacific Gas and Electric Company
PM	particulate matter
PM ₁₀	particulate matter less than 10 microns in equivalent diameter
PM _{2.5}	particulate matter with less than 2.5 microns n equivalent diameter
PMI	point of maximum impact

POTW	publicly-owned treatment works
PPE	personal protective equipment
ppm	parts per million
ppmv	parts per million by volume
PRC	Public Resources Code
PRGs	Preliminary Remediation Goals
PRMMP	Paleontological Resources Monitoring and Mitigation Plan
PSD	Prevention of Significant Deterioration
RBLC	USEPA's RACT/BACT/LAER Clearinghouse
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RECLAIM	REgional CLean Air Incentives Market
RELS	reference exposure levels
RH	relative humidity
RICE	reciprocating internal combustion engines
RI-TVI	Radio Interference and Television Interference
RMP	Risk Management Plan
RO/EDI	electrodeionization with reverse osmosis pretreatment
ROW	right-of-way
RQ	Reportable Quantity
RTCs	RECLAIM Trading Credits
RWQCB	Regional Water Quality Control Board
SAA	Streambed Alteration Agreement
SARA	Superfund Amendments and Reauthorization Act
SBCM	San Bernardino County Museum
SCADA	Supervisory Control and Data Acquisition
SCAG	Southern California Council of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central California Information Center
SCE	Southern California Edison

SCR	selective catalytic reduction
SCS	Soil Conservation Service
SERC	State Emergency Response Commission
SHPO	State Historic Preservation Officer
SIC	Standards Industrial Classification
SIP	State Implementation Plan
SMP	Self Monitoring Program
SNA	Significant Nature Areas
SoCalGas	Southern California Gas Company
SOP	standard operating procedure
SO _x	sulfur oxides
SPCC	Spill Prevention Control and Countermeasures
SQMP	stormwater quality management program
State	State of California
STEL	Short-term exposure limit, 15-minute exposure
STG	steam turbine generator
SUSMP	Standard Urban Stormwater Mitigation Plan
SVP	Society of Vertebrate Paleontology
SWIS	Solid Waste Information System
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
T-BACT	toxic emissions with the best available control technology for toxics
TCA	Transportation Corridor Agency
TCLO	lowest published toxic concentration
TICH	Total Identifiable Chlorinated Hydrocarbons
TLV	ACGIH threshold limit value for 8-hour workday
TMP	Traffic Management Plan
TPQ	Threshold Planning Quantity
tpy	tons per year

TQ	threshold quantity
TRALIN	Transmission Line Parameters and Electric Gradient
TRI	Toxic Chemical Release Inventory
TSD	Treatment, Storage, and Disposal
TSP	total suspended particulate matter
TWA	NIOSH time-weighted average for 8-hour workday
UBC	Uniform Building Code
UCMP	University of California Museum of Paleontology
ULN	ultra dry low NO _x
UPRR	Union Pacific Railroad
UPS	uninterruptible power supply
USACE	U.S. Army Corps of Engineers
USAR	Urban Search and Rescue
USC	United States Code
USDOT	U.S. Department of Transportation
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USNPS	United States Department of the Interior, National Park Service
UST	underground storage tank
UTM	Universal Transverse Mercator Projection
UXO	unexploded ordnance
V/C	volume-to-capacity
Vernon	City of Vernon
VFD	Vernon Fire Department
VOC	volatile organic compound
VPP	Vernon Power Plant
WDRs	Waste Discharge Requirements