

# Acronyms and Abbreviations

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°C	degrees Celsius
°F	degree Fahrenheit
µg/m <sup>3</sup>	micrograms per cubic meter
3-D	three-dimensional
AAQS	AAQS ambient air quality standards
AB	Assembly Bill
AC	alternating current
ADT	Average Daily Traffic
AFC	Application for Certification
AFTOX	United States Air Force Toxic Chemical Dispersion Model
afy	acre-feet per year
AG	annual grassland
ANSI/ASME	American National Standards Institute/ American Society of Mechanical Engineers
ASME	American Society of Mechanical Engineers
AST	aboveground storage tanks
BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
bhp	Brake horsepower
BMPs	Best Management Practices
BNSF	Burlington Northern Santa Fe
BOE	Board of Equalization
BRT	Bus Rapid Transit
Btu	British thermal units
Btu/kW-hr	British thermal units per kilowatt-hour
Btu/lb	British thermal units per pound
Btu/scf	British thermal units per standard cubic foot

CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
NAAQS	National Ambient Air Quality Standards
CAISO	California Independent System Operator
Cal/OSHA	California Division of Occupational Safety and Health
CalARP	California Accidental Release Program regulations
Cal-OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CAS	Chemical Abstract Service
CASAC	Clean Air Scientific Advisory Committee
CBC	California Building Code
CCR	California Code of Regulations
CDC	California Department of Conservation
CDE	California Department of Education
CDOGGR	State of California Division of Oil, Gas and Geothermal Resources
CEC	California Energy Commission
CEDD	California Employment Development Department
CEMS	Continuous Emissions Monitoring Systems
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
CHRIS	California Historical Resources Information System
City	City of Chula Vista
CIWMB	California Integrated Waste Management Board

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CMP	Congestion Management Program
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CPM	compliance project manager
CPUC	California Public Utilities Commission
CRGT	chemically recuperated gas turbine
CRHR	California Register of Historical Resources
CRS	Cultural Resources Specialist
CT	combustion turbine
CTG	combustion turbine generators
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CVEUP	Chula Vista Energy Upgrade Project
CVFD	City of Chula Vista Fire Department
CVMC	City of Chula Vista Municipal Code
CVPD	Chula Vista Police Department
CVPP	Chula Vista Power Plant
CWA	Clean Water Act
DAS	data acquisition system
dB	decibel
dBA	decibel, A-weighted
DBE	design basis earthquake
DC	direct current
DEH	Department of Environmental Health
DEH-HIRT	Hazardous Incident Response Team
DEM	Digital Elevation Model
DESCP	drainage, erosion, and sediment control plan

DLN	dry low NO <sub>x</sub>
DOF	California Department of Finance
DSS	Diegan coastal sage scrub
DTSC	California Department of Toxic Substances Control
du	dwelling unit
du/ac	dwelling unit per acre
EAF	equivalent availability factor
EHS	extremely hazardous substance
EMF	electromagnetic field
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Endangered Species Act
FAA	Federal Aviation Administration
FAR	floor area ratio
FEMA	Federal Emergency and Management Administration
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Maps
FMMP	Farmland Mapping and Monitoring Program
ft <sup>2</sup>	square feet
ft <sup>3</sup>	cubic feet
FY	fiscal year
GCP	good combustion practices
GE	General Electric
GEP	good engineering practice
GP2020	San Diego County General Plan 2020
gpd	gallons per day
gph	gallons per hour
gpm	gallons per minute
GSUT	generator step up transformer
HAPs	hazardous air pollutants

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HAT	humid air turbine
hazmat	hazardous materials
HCM	<i>Highway Capacity Manual</i>
HHV	higher heating value
HMBP	Hazardous Materials Business Plan
HMD	Hazardous Materials Division
HRSG	heat recovery steam generator
HSP	Health and Safety Plan
HWCL	Hazardous Waste Control Law
Hz	hertz
I/O	input/output
I-5	Interstate 5
I-805	Interstate 805
ISRGT	intercooled steam-recuperated gas turbine
IWDP	Industrial Wastewater Discharge Permit
KOPs	Key Observation Points
kV	kilovolt
kV/m	kilovolts per meter
kW	kilowatt
lb/hr	pounds per hour
LC	load center
L <sub>dn</sub> or DNL	Day-Night Noise Level
LEPC	local emergency planning committee
L <sub>eq</sub>	Equivalent Noise Level
LHV	lower heating value
L <sub>n</sub>	Percentile Noise Level
LO/TO	Lock-out/tag-out
LORS	laws, ordinances, regulations, and standards
LOS	Level of Service

LRT	Light Rail Transit
LSA	LSA Associates, Inc.
MCE	maximum credible earthquake
MEI	maximum exposed individual
mg/L	milligrams per liter
MIR	maximum impact receptor
MMBtu/hr	million British thermal units per hour
MMC	MMC Energy, Incorporated
mmscf	million standard cubic feet
MRZ	Mineral Resource Zone
MSA	Metropolitan Statistical Area
MSCP	Multiple Species Conservation Program
MSDS	Material Safety Data Sheet
MVA	megavolt amperes
MW	megawatt
NAAQS	national ambient air quality standards
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Planning Act
NFPA	National Fire Protection Association
ng/m <sup>3</sup>	nanograms per cubic meter
NH <sub>3</sub>	ammonia
NHPA	National Historic Preservation Act
NIEHS	National Institute of Environmental Health Sciences
NO <sub>2</sub>	nitrogen dioxide
NOAA	National Weather Service data
NOI	Notice of Intent
NO <sub>x</sub>	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRCS	National Resources Conservation Service

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NRHP	National Register of Historic Places
O&M	operations and maintenance
O <sub>3</sub>	ozone
OCA	Offsite Consequence Analysis
OEHHA	Office of Environmental Health Hazard Assessment
OSHA	Occupational Safety and Health Administration
OSHA	Occupational Safety and Health Act of 1970
PAHs	polycyclic aromatic hydrocarbons
Pb	lead
PBA	peak bedrock acceleration
PCB	polychlorinated biphenyl
PCE	passenger car equivalent
PFE	County of San Diego General Plan Public Facilities Element
PM <sub>10</sub>	particulate matter less than 10 microns in aerodynamic diameter
PM <sub>2.5</sub>	2.5-micron particulate matter
POC	precursor organic compounds
PPE	Personal Protective Equipment
ppm	parts per million
ppmvd	parts per million by volume, dry basis
PRC	Public Resources Code
Preserve	Otay River Preserve
PSM	Process Safety Management
Pub. L.	Public Law
RBLC	USEPA RACT-BACT-LAER Clearinghouse
RCRA	Resource Conservation and Recovery Act
REL	Reference Exposure Level
RFO	request for Offers
RMP	Risk Management Plan
RQ	reportable quantity

RTP	Regional Transportation Plan
RUSLE2	Revised Universal Soil Loss Equation
RWQCB	Regional Water Quality Control Board
S&HC	California Street and Highways Code
SANDAG	San Diego Association of Governments
SARA	Superfund Amendments and Reauthorization Act
SCAQMD	South Coast Air Quality Management District
scf	standard cubic foot
SCIT	Southern California Import Transmission
SCR	selective catalytic reduction
SCS	supervisory control system
SD&AE	San Diego and Arizona Eastern
SDAPCD	San Diego Air Pollution Control District
SDG&E	San Diego Gas and Electric Company
SDIV	San Diego and Imperial Valley
SDNHM	San Diego Natural History Museum
SERC	State Emergency Response Commission
SICU	Surgical Intensive Care Unit
SILs	Significant Impact Levels
SIS	System Impact Study
SO <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	sulfur oxides
SPCC	Spill Prevention Control and Countermeasure Plan
STIG	steam-injected gas turbine
SUSMP	Standard Urban Stormwater Mitigation Plan
SVP	Society for Vertebrate Paleontology
SWIS	Solid Waste Information System
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board

TAC	toxic air contaminants
T-BACT	best available control technology for air toxic compounds
TMP	Traffic Management Plan
TPQ	threshold planning quantities
TQ	threshold quantity
TSD	treatment, storage, and disposal
TSDF	treatment, storage, and disposal facility
TSP	total suspended particulate matter
UCSD	University of California San Diego
UPS	uninterruptible power supply
USC	United States Code
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
v/c	volume-to-capacity
VOCs	volatile organic compounds
WDR	Waste Discharge Requirements