

AIR QUALITY ACRONYMS AND COMMON ABBREVIATIONS

A	
ACFM	Actual Cubic Feet per Minute
ACHD	Allegheny County Health Department
ACP	Alternative Control Plan
AES	Annual Emission System
AFS	AIRS Facility Subsystem
AIM	Architectural and Industrial Maintenance
AIMS	Air Information Management System
AIRS	Aerometric Information Retrieval System
AMS	Air Management Services - Philadelphia Department of Health
APCA	Air Pollution Control Act (Pennsylvania)
AQI	Air Quality Index
AQS	Air Quality System
AQTAC	Air Quality Technical Advisory Committee
ALAPCO	Association of Local Air Pollution Control Officials
B	
BACT	Best Available Control Technology
BAQ	Bureau of Air Quality
BART	Best Available Retrofit Technology
BAT	Best Available Technology
Btu	British Thermal Unit
C	
CAA	Clean Air Act (federal)
CAAA	Clean Air Act Amendments
CAC	Citizens Advisory Council
CAIR	Clean Air Interstate Rule (federal)
CA LEV	California Low Emission Vehicle program
CAM	Compliance Assurance Monitoring
CAMR	Clean Air Mercury Rule (federal)
CARB	California Air Resources Board
CDC	Centers for Disease Control and Prevention (federal)
CEMDPS	Continuous Emissions Monitoring Data Processing System
CEMS	Continuous Emission Monitoring System
CFB	Circulating Fluidized Bed
CFM	Cubic Feet per Minute
CFR	Code of Federal Regulations
CMAQ	Congestion Mitigation and Air Quality program (federal DOT)
CNG	Compressed Natural Gas
CO	Carbon Monoxide
CO	(DEP) Central Office
CO₂	Carbon Dioxide
D	

DEP	Department of Environmental Protection (Pennsylvania)
DOE	Department of Energy (federal)
DOT	Department of Transportation (federal)
Dscf	Dry standard cubic feet
E	
ECOS	Environmental Council of States
EDMS	Emissions and Dispersion Modeling System (aircraft)
EGAS	Economic Growth Analysis System
EGU	Electric Generating Unit
EI	Emission Inventory
EIP	Economic Incentive Program
EPA	Environmental Protection Agency (federal)
EPAct	Energy Policy Act (1992 or 2005)
EQB	Environmental Quality Board
e-FACTS	Environmental Facility Application Compliance Tracking System
EC	Elemental carbon
eFACTS	Environmental Facility Application Compliance Tracking System
EMAP	Environmental Management Assistance Program (Pennsylvania)
ERC	Emission Reduction Credit
ETAC	ElectroTechnology Application Center
F	
FBC	Fluidized Bed Combustion
FEM	Federal Equivalent Method
FFY	Federal Fiscal Year
FHwA	Federal Highway Administration
FIP	Federal Implementation Plan
FIRE	Factor Information REtrieval
FLM	Federal Land Manager
FMVCP	Federal Motor Vehicle Control Program
G	
gm/mile	grams per mile (highway vehicles)
gm/bhp-hr	grams per brake horsepower hour (offroad vehicles)
GP	General Permit
gr/dscf	Grains per dry standard cubic foot
GVWR	Gross Vehicle Weight Rating
H	
HAP	Hazardous Air Pollutant
HC	hydrocarbon
HDDV	heavy-duty diesel vehicle
Hg	Mercury
H₂S	Hydrogen Sulfide
HPV	High Priority Violator
HVOC	High Volatility Organic Compound
I	
ICI	Industrial, Commercial and Institutional

IC	Internal Combustion
IGCC	Integrated Gasification Combined Cycle
I/M	Inspection and Maintenance program (vehicles)
IMPROVE	Interagency Monitoring of Protected Visual Environments
IPM	Integrated Planning Model
IPP	Independent Power Producer
IRRC	Independent Regulatory Review Commission
J-K-L	
LAER	Lowest Achievable Emission Rate
lb/Hg/GWh	Pounds of Mercury per Gigawatt-Hour
lb/hr	Pounds per hour
lb/mmBtu	Pounds per million Btu
lb/mmcf	Pounds per million cubic foot
LDV, LDT	light-duty vehicle, light-duty truck
M	
MACT	Maximum Achievable Control Technology
MANE-VU	Mid-Atlantic/Northeast Visibility Union
MARAMA	Mid-Atlantic Regional Air Management Association
MDN	Mercury Deposition Network
MERC	Mobile Emission Reduction Credit
MMBtu/hr	Million Btu per hour
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MOVES	Motor Vehicle Emission Simulator
MPO	Metropolitan Planning Organization (transportation)
MVOC	Medium Volatility Organic Compound
MW	Megawatt
MY	model year (vehicle)
N	
NAAQS	National Ambient Air Quality Standard
NACAA	National Association of Clean Air Agencies (formerly STAPPA/ALAPPCO)
NAICS	<i>North American Industrial Classification System</i>
NAMS	National Air Monitoring Station(s)
NADP	National Atmospheric Deposition Program
NAPAP	National Acid Precipitation Assessment Program
NARSTO	North American Research Strategy for Tropospheric Ozone
NEI	National Emissions Inventory
NESHAP	National Emission Standards for Hazardous Air Pollutants
NLEV	National Low Emission Vehicle Program
NMOG	Non-methane organic gases
NO₂	Nitrogen dioxide
NO_x	Oxides of nitrogen
NO_y	Reactive nitrogen compounds
NOV	Notice of Violation

NSPS	New Source Performance Standard
NSR	New Source Review
NTI	National Toxics Inventory
O	
O₃	Ozone
OBD	On-board diagnostics (vehicles)
OC	Organic carbon
OG	Organic gases
OP	Operating Permit
OTC	Ozone Transport Commission
OTR	Ozone Transport Region
P-Q	
PA	Plan approval
PA	Pennsylvania
PAMS	Photochemical Assessment Measurement Stations
Pb	Lead
PBT	Persistent Bioaccumulative Toxics
PCF	Pulverized coal fired
PENNDOT	Pennsylvania Department of Transportation
PennSTAR	Pennsylvania Spray Technique Analysis and Research
PFC	Portable fuel container
pH	Potential or power of hydrogen (negative log of the hydrogen ion concentration)
PM	Particulate Matter
PM₁₀	Particulate Matter with an aerodynamic diameter less than 10 microns
PM_{2.5}	Particulate Matter with an aerodynamic diameter less than 2.5 microns
ppm	parts per million
PPM_v	Parts per million by volume
PPM_w	Parts per million by weight
ppb	parts per billion
PSD	Prevention of Significant Deterioration
psi	pounds per square inch
R	
RACT	Reasonably Available Control Technology
RFG	Reformulated Gasoline
RFP	Reasonable Further Progress
RGGI	Regional Greenhouse Gas Initiative
RO	(DEP) Regional Office
ROP	Rate of Progress
RVP	Reid Vapor Pressure (gasoline)
S	
SAFETEA-LU	Safe, Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users (2005 surface transportation authorizing law)
SBAP	Small Business Assistance Program

SCC	Source Classification Code
SCFM	Standard Cubic Feet Per Minute
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SLAMS	State and Local Air Monitoring Stations
SMOKE	Sparse Matrix Operator Kernel Emissions (model)
SO₂	Sulfur Dioxide
SO_x	Oxides of Sulfur
STAPPA	State and Territorial Air Pollution Program Administrators
T	
TMHE	Total Maximum Historical Emissions
tpd	tons per day
tpsd	tons per summer day
tpy	tons per year
TRI	Toxics Release Inventory
TSDF	Transport, Storage and Disposal Facilities
TSP	Total suspended particulates
U-V	
ULSD	Ultra-low sulfur diesel
VOC	Volatile Organic Compound
VMT	Vehicle Miles Travelled
W-X-Y-Z	