

A

AA	Atomic absorption
acfm	Actual cubic feet per minute
ACD or ACI	Air curtain destructor or air curtain incinerator (used interchangeably)
ACT	Alternative Control Techniques
AEAR	Actual Emissions Analysis Required
AMER	Anticipated Maximum Emission Rate (TNDAPC fees)
AMIE	Anticipated Maximum Increase in Emissions (TNDAPC fees)
ANSI	American National Standards Institute
AP-42	U.S. EPA's "Compilation of Air Pollutant Emission Factors"
APC	Air Pollution Control
AQI	Air Quality Index
ASME	American Society of Mechanical Engineers
AWMA	Air and Waste Management Association

B

BACT	Best Available Control Technology
BART	Best Available Retrofit Technology (Regional Haze term)
Btu	British thermal unit

C

CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAAAC	Clean Air Act Advisory Committee
CAIR	Clean Air Interstate Rule
CAM	Compliance Assurance Monitoring
CAMPD	Clean Air Markets Program Data
CARB	California Air Resources Board
CEM	Continuous emission monitor
CEMS	Continuous emission monitoring system
CenSARA	Central States Air Resource Agencies
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CFC	Chlorofluorohydrocarbon
CFR	Code of Federal Regulations

CHIEF	Clearinghouse for Inventories and Emission Factors
CKD	Cement kiln dust
CM	Conditional Major (also called FESOP or synthetic minor for T5)
CMS	Continuous monitoring system
CNG	Compressed natural gas
CO	Carbon monoxide
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent emissions
COM	Continuous opacity monitor
COMS	Continuous opacity monitoring system
CPMS	Continuous parameter monitoring system
CTG	Control Techniques Guidelines
CVAAS	Cold vapor atomic absorption spectroscopy

D

DGM	Dry Gas Meter
DOE	U.S. Department of Energy

E

ECD	Electron capture detector
ECOS	Environmental Council of the States
EGR	Exhaust gas recirculation
EGU	Electric Generating Units (power plants)
EI	Emission Inventory
EIS	Environmental Impact Statement
ELCD	Electroconductivity detector
EMS	Environmental Management System
EPA	U.S. Environmental Protection Agency
ESP	Electrostatic precipitator

F

FESOP	Federally Enforceable State Operating Permit (CM in TN)
FGD	Flue gas desulfurization
FID	Flame ionization detector

FIP	Federal Implementation Plan
FLM	Federal Land Manager
FPD	Flame photometric detector
FR	Federal Register

G

GACT	Generally Available Control Technology
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GFAA	Graphite furnace atomic absorption
GHG	Greenhouse gas
GIS	Geographic information system
GWP	Global Warming Potential

H

HAP	Hazardous air pollutant
HBCA	Health Based Compliance Alternative (MACT-related)
HC	Hydrocarbon
HHV	Higher Heating Value
HQ	Hazard quotient
HON	Hazardous Organic NESHAP

I

I/M	Inspection and maintenance
IAQ	Indoor air quality
IGCC	Integrated gasification combined cycle
IR	Infrared radiation
IRM	Instrumental reference method

L

LAER	Lowest Achievable Emission Rate
LEV	Low emission vehicle
LHV	Lower Heating Value
LME	Low mass emissions

LNG	Liquefied natural gas
LPG	Liquefied petroleum gas

M

MACT	Maximum Achievable Control Technology
MATS	Mercury and Air Toxics Standards
MANE-VU	Mid-Atlantic / Northeast Visibility Union
MARAMA	Mid-Atlantic Regional Air Management Association
MIDWEST RPO	Midwest Regional Planning Organization
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MON	Miscellaneous Organic NESHAP
MSA	Metropolitan Statistical Area
MSDS	Material Safety Data Sheet
MSW	Municipal solid waste

N

NA	Non-attainment
NA-NSR	<u>Non-attainment New Source Review</u>
NAAQS	<u>National Ambient Air Quality Standards</u>
NACAA	<u>National Association of Clean Air Agencies</u>
NAICS	<u>North American Industry Classification System</u>
NDIR	Nondispersive infrared spectroscopy
NEI	<u>National Emissions Inventory</u>
NESCAUM	<u>Northeast States for Coordinated Air Use Management</u>
NESHAP	<u>National Emission Standards for Hazardous Air Pollutants</u>
NIST	<u>National Institute of Standards and Technology</u>
NO	Nitric oxide
NO ₂	Nitrogen dioxide
NO _x	Nitrogen oxides
Non-EGU	Any facility that is not a power plant
NPDES	<u>National Pollutant Discharge Elimination System</u>
NPS	<u>National Park Service</u>
NSPS	<u>New Source Performance Standards</u>
NSR	<u>New Source Review</u>

O

O ₃	Ozone
OAQPS	Office of Air Quality Planning and Standards (EPA)
OAR	Office of Air and Radiation (EPA)
OBD	Onboard diagnostics
OEM	Original equipment manufacturer
OGC	Office of General Counsel
OMB	Office of Management and Budget
ORD	Office of Research and Development (EPA)
OSHA	U.S. Occupational Safety and Health Administration
OTAG	Ozone Transport Assessment Group
OTR	Ozone Transport Region

P

P2	Pollution prevention
Pb	Lead
PBR	Permit-by-Rule
PM	Particulate matter
PM10	Particulate matter with diameter of 10 microns or less
PM2.5	Particulate matter with diameter of 2.5 microns or less
POM	Polycyclic organic matter
POTW	Publicly owned treatment works
ppb	Parts per billion
ppm	Parts per million
PS	Performance Specification
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit or Permanent Total Enclosure

Q

QA	Quality assurance
QC	Quality control
QIP	Quality Improvement Plan

R

RACT	Reasonably Available Control Technology
RATA	Relative accuracy test audit
RBLC	RACT/BACT/LAER Clearinghouse
RCRA	Resource Conservation and Recovery Act
RFG	Reformulated gasoline
RFP	Reasonable further progress
RICE	Reciprocating Internal Combustion Engine
RMP	Risk Management Plan
ROG	Reactive organic gas
RPO	Regional Planning Organization
RVP	Reid vapor pressure

S

SBEAP (TN)	TN Small Business Environmental Assistance Program
scfm	Standard cubic feet per minute
SCR	Selective catalytic reduction
SIC	Standard Industrial Classification
SIL	Significant Impact Level
SIP	State Implementation Plan (link to Tennessee's SIP)
SNCR	Selective noncatalytic reduction
SO ₂	Sulfur dioxide
SOP	Standard operating procedure
SOP	Service of process
SO _x	Sulfur oxides

T

T5 or TV	Title V
TAC	Toxic air contaminant
TCC&I	Tennessee Chamber of Commerce and Industry
TCR	The Climate Registry
TIP	Tribal Implementation Plan
TPD	Tons per day
TPY	Tons per year
TRI	Toxic Release Inventory
TSDF	Treatment, storage, and disposal facility
TSP	Total suspended particulate matter

TVA Tennessee Valley Authority

U

URP Uniform Rate of Progress (regional haze)

UST Underground storage tank

UV Ultraviolet radiation

UV-DOAS Ultraviolet dual optical absorption spectrometry

V

VIEWS Visibility Information Exchange Web System

VISTAS [Visibility Improvement State & Tribal Association of the Southeast](#)

VMT Vehicle miles traveled

VOC Volatile organic compound

VOST Volatile organic sampling train

W

WESTAR [Western States Air Resources Council](#)

Z

ZEV Zero emission vehicle

Other

112(r) [CAA Section 112\(r\) Accidental Release Prevention/Risk Management Plan](#)
[Criteria pollutants](#) Ozone (O₃), CO, Lead (Pb), NO₂, Particulate Matter, SO₂