

## Definitions and Acronyms

Link to acronyms and abbreviations on EPA's website:

<http://www.epa.gov/OCEPATERMS/aaad.html>

Link to glossary of terms on EPA's website:

<http://www.epa.gov/OCEPATERMS/ATERMS.html>

### A

AAM	Ambient Air Monitoring
AAS	Atomic Absorption Spectroscopy
acfm	Actual cubic feet per minute
ACGIH	American Conference of Governmental Industrial Hygienists
ACO	Administrative Consent Order
ACT	Alternative Control Technology
ACTS	Asbestos Contractor Tracking System
ADA	Americans with Disabilities Act
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AFS	AIRS Facility Subsystem
AIRS	Aerometric Information Retrieval System
Air Toxics	Also known as hazardous air pollutants (HAPS)
ALJ	Administrative Law Judge
AO	Administrative Order
ANSI	American National Standards Institute
AP-42	Document codifying the emission factors for stationary sources (from OAQPS)
API	American Petroleum Institute
APTI	Air Pollution Training Institute
AQB	Air Quality Bureau
AQCR	Air Quality Control Regions
ARIP	Accidental Release Information Program
AWMA	Air and Waste Management Association

### B

BACM	Best Available Control Measures
BACT	Best Available Control Technology
BART	Best Available Retrofit Technology
BAT	Best Available Technology
BDT	Best Demonstrated Technology
BIF	Boilers and Industrial Furnaces
BMP	Best Management Practices
BPIP	Building Profile Input Program
BTU	British Thermal Units

### C

CAA	Clean Air Act
CAAA	Clean Air Act Amendments of 1990
CAFO	Concentrated Animal Feeding Operations
CAIR	Clean Air Interstate Rule
CAMR	Clean Air Mercury Rule

CAMx	Comprehensive Air quality Model with Extensions (regional modeling: one-atmosphere air quality model)
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAS	Chemical Abstract Number
CDX	Central Data Exchange
CEMS	Continuous Emission Monitoring System
CenSARA	Central States Air Resource Agencies
CENRAP	Central Regional Air Planning Association
CEPP	Chemical Emergency Preparedness Program
CERCLA	Comprehensive Environmental Response, Compensation, & Liability Act
CERR	Consolidated Emissions Reporting Rule
CEU	Continuing Education Unit
CFCs	Chlorofluorocarbons
CFR	Code of Federal Regulations
CH <sub>4</sub>	Methane
CHIEF	Clearinghouse for Inventories and Emission Factors
CMS	Compliance Monitoring Strategy
CO	Carbon Monoxide
CO <sub>2</sub>	Carbon Dioxide
COE	Corps of Engineers
Criteria Pollutants	The six most common air pollutants: carbon monoxide, lead, nitrogen dioxide, ozone, particulate matter, and sulfur dioxide.
CPM	Condensable Particulate Matter
CPM	Certified Public Managers
CROMERR	Cross-Media Electronic Reporting Rule
CRP	Conservation Reserve Program
CTC	Control Technology Center
CTG	Control Technique Guidelines

## **D**

DA	Division Administrator
DALS	Department of Agriculture and Land Stewardship
DAS	Department of Administrative Services
DED	Department of Economic Development
DEM	Digital Elevation Model
DNR	Department of Natural Resources
DOM	Department of Management
DOT	Department of Transportation
DP	Data Processing
DPH	Department of Public Health
DRF	Department of Revenue and Finance
dscf	Dry standard cubic feet
DQA	Data Quality Assessment
DQI	Data Quality Indicators
DQO	Data Quality Objectives

## **E**

EAR	Enforcement Action Request
ECHO	Enforcement & Compliance History Online (EPA Database)
ECOS	Environmental Council of the States

EDI	Electronic Data Interchange
EGU	Electrical Generating Unit
EHS	Extremely Hazardous Substance
EIA	Environmental Impact Assessment
EIIP	Emission Inventory Improvement Program
EIS	Environmental Impact Statement
EIQ	Emissions Inventory Questionnaire
ENSV/IO	Environmental Services Division/Immediate Office
EO	Executive Order
EOE	Equal Opportunity Employer
EPA	Environmental Protection Agency
EPC	Environmental Protection Commission (Iowa DNR)
EPCRA	Emergency Planning & Community Right-to-know Act
ERP	Early Reductions Program
ESD	Emissions Standards Division
ESD	Environmental Services Division
ESP	Electrostatic Precipitator

## **F**

FCE	Full Compliance Evaluation
FEMA	Federal Emergency Management Agency
FFY	Federal Fiscal Year
FIP	Federal Implementation Plan
FLM	Federal Land Manager
FO	Field Office
FR	Federal Register
FRS	Facility Registry System
FTE	Full-time Equivalent
FTIR	Fourier Transform Infrared

## **G**

GACT	Generally Available Control Technology
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectroscopy
GEP	Good Engineering Practice
GHG	Greenhouse Gas
GIS	Geographic Information System
GFAAS	Graphite Furnace Atomic Absorption Spectroscopy
GPEA	Government Paperwork Elimination Act
GPS	Global Positioning System
gr/dscf	Grains per dry standard cubic foot
GWP	Global Warming Potential

## **H**

HAP	Hazardous Air Pollutant
HC	Hydrocarbon
HF	Hydrogen Fluoride
HFCs	Hydrofluorocarbons
Hg	Mercury
HON	Hazardous Organic NESHAP
HPLC	High Performance Liquid Chromatography

HPV High Priority Violator  
HRPS High Risk Point Source (for air toxics)  
HTTP Hyper Text Transfer Protocol  
HWI Hazardous Waste Incinerator

## I

IC Ion chromatography  
IAB Iowa Administrative Bulletin  
IAC Iowa Administrative Code  
IAC Iowa Asthma Coalition  
IAEAP Iowa Air Emissions Assistance Program (for small businesses, run by UNI)  
ICIS Integrated Compliance Information System  
ICN Iowa Communications Network  
ICR (EPA's) Information Collection Request  
I & E Information and Education  
IPCC Intergovernmental Panel on Climate Change  
IPM Integrated Planning Model (regional Modeling: an EGU planning model)  
IRIS Integrated Risk Information System  
ISU Iowa State University  
ISUES Iowa State University Extension Service  
ITOP Information Technology Oversight & Planning  
ITN Iowa Telecommunication Network  
IUB Iowa Utilities Board  
IUP Intended Use Plan

## L

LADCO Lake Michigan Air Directors Consortium  
LCON Local Control Region  
LDAR Leak Detection and Repair (inspection program)  
LAER Lowest Achievable Emission Rate  
LEPC Local Emergency Planning Committees  
LOA Letter of Agreement

## M

MACT Maximum Achievable Control Technology  
MANE-VU Mid-Atlantic/Northeast Visibility Union  
MARAMA Mid-Atlantic Regional Air Management Association  
MCL Maximum Contamination Level  
MDR Minimum Data Requirements  
Metro 4/SESARM Southeastern States Air Resource Managers, Inc.  
Micron One millionth of a meter  
MM5 Fifth generation Penn State/NCAR Mesoscale Model (regional modeling: meteorology model)  
MMBtu One million British Thermal Units  
MMTCE Millions of Metric Tons of Carbon Equivalents  
MMtCO<sub>2</sub>e Million metric tons of carbon dioxide equivalents  
MMP Manure Management Plan  
MS Mass Spectroscopy  
MSDS Material Safety Data Sheets  
MSR Management System Review  
mtCO<sub>2</sub>e Metric tons of carbon dioxide equivalent

MV Monitoring Violation  
MWI Medical Waste Incinerator  
MYDP Multi-Year Development Plans (for air toxics)

## **N**

N<sub>2</sub>O Nitrous Oxide  
NA Not Applicable  
NAA Non-Attainment Area  
NAAQS National Ambient Air Quality Standards  
NACAA National Association of Clean Air Agencies  
NAICS North American Industry Classification System  
NAMS National Air Monitoring Stations (Ambient monitoring)  
NATA National Air Toxics Assessment  
NATICH National Air Toxics Information Clearing House  
NATS National Air Toxics Strategy  
NCAR National Center for Atmospheric Research  
NDIR Non-Dispersive Infrared  
NEI National Emissions Inventory  
NEDS National Emissions Data System  
NEPA National Environmental Policy Act  
NESCAUM Northeast Stated for Coordinated Air Use Management  
NESHAP National Emissions Standards for Hazardous Air Pollutants  
NETI National Enforcement Training Institute  
NH<sub>3</sub> Ammonia  
NIF NEI Input Format  
NOAA National Oceanic and Atmospheric Administration  
NOAEL No Observed Adverse Effect Level (of an RfD exposure)  
NOF NEI Output Format  
NOI Notice of Intent  
NOIA Notice of Intended Action (rulemaking)  
NO<sub>x</sub> Oxides of Nitrogen (generally NO, nitric oxide, or NO<sub>2</sub>, nitrogen dioxide)  
NOV Notice of Violation  
NRCS Natural Resources Conservation Service  
NRDC National Resources Defense Council  
NSPS New Source Performance Standards  
NSR New Source Review

## **O**

O<sub>3</sub> Ozone  
OAQPS (EPA's) Office of Air Quality Planning and Standards  
OAR (EPA's) Office of Air and Radiation  
OHEA (EPA's) Office of Health and Environmental Assessment  
OMB (EPA's) Office of Management and Budget  
OPPTS Office of Pollution Prevention and Toxic Substances  
ORD Office of Research and Development  
OTAG Ozone Transport Assessment Group  
OTC Ozone Transport Commission  
OTIS Online Tracking Information System (EPA Database)  
OTS (EPA's) Office of Toxic Substances

**P**

Pb	Lead
PCB	Polychlorinated Biphenyl compounds (includes dioxins and furans)
PCE	Partial Compliance Evaluation
PCE or PERC	Perchloroethylene
PDS	Performance & Development Solutions
PFCs	Perfluorocarbons
PIE	Planning, Implementation, and Evaluation
PIG	Policy Implementation Guide
PM	Particulate Matter
PM <sub>2.5</sub>	Particulate Matter with an aerodynamic diameter less than or equal to 2.5 microns
PM <sub>10</sub>	Particulate Matter with an aerodynamic diameter less than or equal to 10 microns
POM	Polycyclic Organic Matter (includes benzene and related compounds)
POTW	Publicly Owned Treatment Works
PPA	Performance Partnership Agreement
PPG	Performance Partnership Grant
PS	Performance Specifications
PSD	Prevention of Significant Deterioration
PSI	Pollution Standard Index
PTE	Potential to Emit

**Q**

QA/QC	Quality Assurance/Quality Control
QAARWP	Quality Assurance Annual Report and Work Plan
QS	Quality Staff
QAPP	Quality Assurance Project Plan
QMP	Quality Management Plan

**R**

RACT	Reasonably Available Control Technology
RATA	Relative Accuracy Test Audits
RBLC	RACT/BACT/LAER Clearinghouse
RCRA	Resource Conservation and Recovery Act
REAP	Resource Enhancement and Protection
RECLAIM	Regional Clean Air Incentives Market
reg neg	regulatory negotiation process
RFA	Regulatory Flexibility Act
RfD	Risk Reference Dose -a benchmark level (exposure concentration or dose) used for assessment of a non-cancer health effect
RFP	Request for Proposal
RFQ	Request for Quotation
RIA	Regulatory Impact Assessment
RMP	Risk Management Plan
RO	Responsible Official
RP	Responsible Party
RPO	Regional Planning Organization
RQAM	Regional Quality Assurance Manager
RQAO	Regional Quality Assurance Office

**S**

SARA	Superfund Amendments and Reauthorization Acts of 1986
SBA	Small Business Administration
SBEL	Small Business Environmental Liaison (position at DED)
SBREFA	Small Business Regulatory Enforcement Fairness Act
SCC	Source Classification Code
scf	Standard cubic feet
scfm	Standard cubic feet per minute
SCR	Selective Catalytic Reduction (NO, control technique)
SCRS	Source Category Ranking System (a time line when a source's rule will be promulgated)
SERC	State Emergency Response Commissions
SFY	State Fiscal Year
SF <sub>6</sub>	Sulfur Hexafluoride
SIA	Significant Impact Area
SIC	Standard Industrial Classification
SIL	Significant Impact Level
SIP	State Implementation Plan
SLAMS	State and Local Air Monitoring Stations (Ambient monitoring)
SMC	Significant Monitoring Concentrations
SMOKE	Sparse Matrix Operator Kernel Emissions (regional modeling: emissions model)
SNCR	Selective Non-Catalytic Reduction (NO <sub>x</sub> control technique)
SO <sub>2</sub>	Sulfur Dioxide
SO <sub>x</sub>	Sulfur Oxides
SOCMI	Synthetic Organic Chemical - Manufacturing Industry -
SOP	Standard Operating Procedure
SPARs	State Permitting & Air Reporting System
SPMS	Special Purpose Monitoring Stations (Ambient monitoring)
SPP	Systematic Planning Process

**T**

TAMS	Toxic Air Monitoring System
TGB	The Governance Board
TLV	Threshold Limit Value
TPH	Tons per Hour
TPY	Tons per Year
TRI	Toxic Release Inventory (form SARA) (Title III Section 313)
TRIS	Toxic Release Inventory System
TRS	Total Reduced Sulfur
TSA	Technical Systems Audit
TSP	Total Suspended Particulate
TTN	Technology Training Network

**U**

UAM	Urban Airshed Model
UATP	Urban Air Toxics Program
UHL	University Hygienic Laboratory (University of Iowa)
URL	Uniform Resource Locator
USGS	United States Geological Survey
UTM	Universal Transverse Mercator

**V**

VISTAS Visibility Improvement State and Tribal Association of the Southeast  
VOC Volatile Organic Compound  
VOL Volatile Organic Liquid

**W**

WESTAR Western States Air Resources Council  
WRAP Western Regional Air Partnership

**X**

XML Extensible Markup Language