

Definitions and Acronyms

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
CEPP	Chemical Emergency Preparedness Program
CERCLA	Comprehensive Environmental Response, Compensation, & Liability Act

Definitions and Acronyms

CERR	Consolidated Emissions Reporting Rule
CEU	Continuing Education Unit
CFCs	Chlorofluorocarbons
CFR	Code of Federal Regulations
CH ₄	Methane
CHIEF	Clearinghouse for Inventories and Emission Factors
CMS	Compliance Monitoring Strategy
CO	Carbon Monoxide
CO ₂	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)

Definitions and Acronyms

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

Definitions and Acronyms

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 ₂ 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 ₂ e	Metric tons of carbon dioxide equivalent
MV	Monitoring Violation
MWI	Medical Waste Incinerator
MYDP	Multi-Year Development Plans (for air toxics)

N

N ₂ 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

Definitions and Acronyms

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 ₃	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 _x	Oxides of Nitrogen (generally NO, nitric oxide, or NO ₂ , 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 ₃	Ozone
OAQPS	(EPA's) Office of Air Quality Planning and Standards
OADR	(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 _{2.5}	Particulate Matter with an aerodynamic diameter less than or equal to 2.5 microns
PM ₁₀	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
PPG	Performance Partnership Grant
PS	Performance Specifications

Definitions and Acronyms

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
SBL	Small Business Liaison
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 _x 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 ₆	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

Definitions and Acronyms

SMOKE	Sparse Matrix Operator Kernel Emissions (regional modeling: emissions model)
SNCR	Selective Non-Catalytic Reduction (NOx control technique)
SO ₂	Sulfur Dioxide
SO _x	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
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