

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

CH₄ Methane

CHIEF Clearinghouse for Inventories and Emission Factors CMS Compliance Monitoring Strategy

CO Carbon Monoxide

CO₂ 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
 IAEPAP 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 MMtCO₂e Million
 metric tons of carbon dioxide equivalents MMP Manure Management Plan
 MS Mass Spectroscopy
 MSDS Material Safety Data Sheets MSR Management
 System Review
 mtCO₂e Metric tons of carbon dioxide equivalent

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

N

N₂O 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
NH₃ 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 NO₂, nitrogendioxide) NOV Notice of Violation
NRCS Natural Resources Conservation Service NRDC National
Resources Defense Council NSPS New Source Performance Standards NSR
New Source Review

O

O₃ 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_{2.5} Particulate Matter with an aerodynamic diameter less than or equal to 2.5 microns

PM₁₀ 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

SF₆ 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_x control technique)

SO₂ 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