

January 1986

*S*elect
*L*etter
and
*A*bbreviated
*N*ame
*G*uide



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, NC 27711

SLANG

The Selected Letter and Abbreviated Name Guide (SLANG) is primarily a compilation of word combinations and acronyms. Word combinations and acronyms are words usually formed from the first, or first few letters of several words. Also, this guide contains some words related to subject matter rather than letters. The use of this language in government work increases daily. Newcomers to the government working force, the nongovernment public, and even some longtime Federal workers are occasionally lost in grasping this jargon. To ease this situation, the Office of Air Quality Planning and Standards (OAQPS) has printed a list of words used most frequently by Environmental Protection Agency personnel.

This Selected Letter and Abbreviated Name Guide (SLANG) contains words submitted by the following sources: the Office of Administration (OA), the Office of Air and Radiation (OAR), the Office of Research and Development (ORD) and the American Federation of Government Employees (AFGE) - Local 3347. The guide is intended to serve as a routine reference for the EPA user community.

For the convenience of the user, the words with their definitions are arranged in alphabetical order with the exception of the Greek and miscellaneous symbols and the postal abbreviations. Ample space is provided at the end of each letter of the alphabet to allow for the addition of new words or those "unavoidably omitted." In this manner, new words will be readily identified for use and later insertion into a revised guide.

Additional words are solicited and can be placed in future revisions of the booklet by contacting Betty Abramson, EPA, MD-14, Research Triangle Park, North Carolina 27711, (919) 541-5694.

A	Argon
AA	Adverse Action
AA	Assistant Administrator
AA	Associate Administrator
AA	Atomic Absorption
AAAS	American Association for the Advancement of Science
AAEE	American Academy of Environmental Engineers
AAP	Affirmative Action Plan
AAP	Affirmative Action Program
ABAG	Association of Bay Area Governments
ABMA	American Boiler Manufacturers Association
AC	Actual Commitment
AC	Advisory Circular
A&C	Abatement and Control
ACE	Army Corps of Engineers
ACFM	Actual cubic feet per minute
ACGIH	American Conference of Governmental Industrial Hygienists
ACL	Alternative Concentration Limits
ACP	Air Carcinogen Policy
ADABAS	Adaptable Data Base
ADBA	Adabas Administrator
ADI	Acceptable Daily Intake
ADP	Automatic Data Processing
ADSS	Air Data Screening System

ADT	Average Daily Traffic
AEA	Atomic Energy Act
AEERL	Air and Energy Engineering Research Laboratory
AEROS	Aerometric and Emissions Reporting System
AES	Auger Electron Spectrometry
AFCA	Area Fuel Consumption Allocation
AFGE	American Federation of Government Employees
AGA	American Gas Association
AH	Allowance Holder
AHM	Allowance Holder Monthly
AICHE	American Institute of Chemical Engineers
AICUZ	Air Installation Compatible Use Zones
AID	Agency for International Development
AIF	Atomic Industrial Forum
AIME	American Institute of Metallurgical, Mining and Petroleum Engineers
AIRS	Aerometric Information Retrieval System
AISI	American Iron and Steel Institute
AL	Administrative Leave
AL	Annual Leave
ALAPCO	Association of Local Air Pollution Control Officials
ALJ	Administrative Law Judge
AMBIENS	Atmospheric Mass Balance of Industrially Emitted and Natural Sulfur (experimental investigation by the MAP3S community)
AMS	American Meteorological Society

A A A A A A A A

AMS	Army Map Service
ANPR	Advance Notice of Proposed Rulemaking
ANSI	American National Standards Institute
AO	Administrative Officer
AO	Administrators Office
AO	Area Office
AO	Awards and Obligations
AOC	Abnormal Operating Conditions
AP	Accounting Point
APA	Administrative Procedure Act
APCA	Air Pollution Control Association
APCD	Air Pollution Control District
APHA	American Public Health Association
API	American Paper Institute
API	American Petroleum Institute
APRAC	Urban Diffusion Model for Carbon Monoxide from Motor Vehicle Traffic
APTI	Air Pollution Training Institute
APWA	American Public Works Association
AQ-7	Nonreactive Pollutant Modeling
AQCCT	Air Quality Criteria and Control Techniques
AQCR	Air Quality Control Region
AQDHS	Air Quality Data Handling System
AQDM	Air Quality Display Model
AQMA	Air Quality Maintenance Area

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AQMP	Air Quality Maintenance Plan
AQSM	Air Quality Simulation Model
AQTAD	Air Quality Technical Assistance Demonstration
AR	Air and Radiation
ARB	Air Resources Board
ARC	Agency Ranking Committee
ARL	Air Resources Laboratory
ARM	Air Resources Management
ARO	Alternative Regulatory Option
ARPO	Acid Rain Policy Office
ARRP	Acid Rain Research Program
ARRPA	Air Resources Regional Pollution Assessment Model
ARZ	Auto-Restricted Zone
AS	Area Source
ASAP	As Soon As Possible
ASC	Area Source Category
ASCE	American Society of Civil Engineers
ASCII	American Standard Code for Information Interchange
ASHAA	Asbestos School Hazard Abatement Act
ASIWPCA	Association of State and Interstate Water Pollution Control Administrators
ASMDHS	Airshed Model Data Handling System
ASME	American Society of Mechanical Engineers
ASRL	Atmospheric Sciences Research Laboratory
ASTM	American Society for Testing and Materials

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ASTSWMO	Association of State and Territorial Solid Waste Management Officials
ATC	Area Training Center
ATS	Action Tracking System
AUSM	Advanced Utility Simulation Model
AWISE	Association of Women in Science and Engineering
AWOL	Absent Without Official Leave
A/WPR	Air/Water Pollution Report
AWRA	American Water Resources Association

A A A A A A A A

BACER	Biological and Climatological Effects Research
BACT	Best Available Control Technology
BaP	Benzo(a)Pyrene
BAP	Benefits Analysis Program
BARF	Best Available Retrofit Facility
BART	Best Available Retrofit Technology
BAT	Best Available Technology
BAT	Best Available Treatment
BBS	Bulletin Board System
BCCM	Board for Certified Consulting Meteorologists
BDT	Best Demonstrated Technology
BEA	Bureau of Economic Advisors
BIA	Bureau of Indian Affairs
BID	Background Information Document
BID	Buoyancy Induced Dispersion
BLM	Bureau of Land Management
BLP	Buoyant Line and Point Source Model
BLS	Bureau of Labor Statistics
BNA	Bureau of National Affairs
BOA	Basic Ordering Agreement
BOD	Biological Oxygen Demand
BOF	Basic Oxygen Furnace
BOM	Bureau of Mines
BOP	Basic Oxygen Process
BOPF	Basic Oxygen Process Furnace

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BPA Blanket Purchase Agreement
BPT Best Practicable Technology
BPT Best Practicable Treatment
BSO Benzene Soluble Organics
BTU British Thermal Unit
BU Bargaining Unit
BUBBLE Use of Alternative Emission Limits to
Meet SIPS/NSPS Requirements
BY Budget Year

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C C C C C C C C

CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAER	Community Awareness and Emergency Response Program
CAFE	Corporate Average Fuel Economy
CAG	Carcinogen Assessment Group
CAIR	Comprehensive Assessment Information Rule
CALINE	California Line Source Model
CAMP	Continuous Air Monitoring Program
CAN	Common Account Number
CAP	Criteria Air Pollutants
CAPCA	Carolinas Air Pollution Control Association
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAS	Center for Automotive Safety
CASAC	Clean Air Scientific Advisory Committee
CAU	Carbon Adsorption Unit
CAU	Command Arithmetic Unit
CBD	Central Business District
CBD	Commerce Business Daily
CBP	County Business Patterns
CCAA	Canadian Clean Air Act
CCEA	Conventional Combustion Environmental Assessment
CCH	Commerce Clearing House
CCMS/NATO	Committee on the Challenges of a Modern Society/North Atlantic Treaty Organization

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CD	Certification Division
CD	Climatological Data
CDC	Centers for Disease Control
CDHS	Comprehensive Data Handling System
CDM	Climatological Dispersion Model
CDM	Comprehensive Data Management
CDMQC	Climatological Dispersion Model with Calibration and Source Contribution
CDNS	Climatological Data National Summary
CDS	Compliance Data System
CE	Cost Effectiveness
CEA	Council of Economic Advisors
CEA	Cost and Economic Assessment
CEB	Chemical Element Balance
CEEM	Center for Energy and Environmental Management
CEM	Continuous Emission Monitoring
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERI	Center for Environmental Research Information
CERT	Certificate of Eligibles
CF	Conservation Foundation
CFC	Chlorofluorocarbons
CFC	Combined Federal Campaign

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CFM	Chlorofluoromethanes
CFM	Cubic feet per minute (ft. ³ /min. preferred except with ACFM or SCFM)
CFR	Code of Federal Regulations
CHABA	Committee on Hearing and Bio Acoustics
CHAMP	Community Health Air Monitoring Program
CHESS	Community Health and Environmental Surveillance System
CHIP	Chemical Hazard Information Profile
CI	Compression Ignition
CIAQ	Committee for Indoor Air Quality
CIBL	Convective Internal Boundary Layer
CIBO	Council of Industrial Boiler Owners
CICS	Customer Information Control System
CIDRS	Cascade Impactor Data Reduction System
CIMI	Committee on Integrity and Management Improvement
CIS	Contract Information System
CJE	Critical Job Element
CLEANS	Clinical Laboratory for Evaluation and Assessment of Noxious Substances
CLEVER	Clinical Laboratory for Evaluation and Validation of Epidemiologic Research
CLF	Conservation Law Foundation
CM	Crystal Mall
CMA	Chemical Manufacturers Association
CMB	Chemical Mass Balance
CMO	Contract Management Office

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CNR	Composite Noise Rating
CO	Carbon Monoxide
CO	Change Order
CO	Commissioned Officer
CO	Contracting Officer
C/O	Carry Over Funds
COA	Commissioned Officers Association
COB	Close of Business
COBOL	Common Business Oriented Language
COD	Chemical Oxygen Demand
COH	Coefficient of Haze
COM	Continuous Opacity Monitor
COMPLEX	Complex Terrain Screening Model
COMPTER	Multiple Source Air Quality Model
CON	Selected Contractor or "Awardee"
COWPS	Council on Wage and Price Stability
CPDD	Control Programs Development Division
CPI	Consumer Price Index
CPL	Chemistry and Physics Laboratory
CPM	Continuous Particle Monitor
CPSC	Consumer Products Safety Commission
CPSDAA	Compliance and Program Staff to the Deputy Assistant Administrator
CPU	Central Processing Unit
CRA	Civil Rights Act

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CRA	Classification Review Area
CRGS	Chemical Regulations and Guidelines System
CRS	Congressional Research Service
CRSTER	Single Source (CRSTER) Model
CRT	Cathode Ray Tube
CS	Contract Specialist
CSB	Chemical Species Balance
CSI	Chemical Substances Inventory
CSI	Clean Sites, Incorporated
CSIN	Chemical Substances Information Network
CSRA	Civil Service Reform Act
CSS	Clerical Support Staff
CSSD	Computer Services and Systems Division
CTD	Control Technology Document
CTG	Control Techniques Guidelines
CTO	Control Technology Office
CWA	Clean Water Act
CWS	Compressed Work Schedule
CY	Calendar Year
CY	Current Year
CZM	Coastal Zone Management

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DA Designated Agent
DA Deputy Administrator
DAA Deputy Assistant Administrator
D&F Determination and Findings
DAMDF Durham Air Monitoring Demonstration Facility
DAR Direct Assistance Request
DASD Direct Access Storage Drive
DBA Data Base Administrator
DBCP Dibromochloropropane
DBM Data Base Manager
DBMS Data Base Management Systems
DCA Washington International Airport
DCN Document Control Number
DCO Delayed Compliance Order
DCPU Data Center Policy and Usage
DCR Document Control Register
DE Department of Education
DEC Department of Environmental Conservation
DEMA Diesel Engine Manufacturers Association
DEP Displaced Employee Program
DFM Division of Financial Management
DHHS Department of Health and Human Services
DIDS Domestic Information Display System
DIPS Department of Interior Payroll System
DIPSS Departmental Integrated Personnel Service System

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DOB	Date of Birth
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOL	Department of Labor
DOS	Department of State
DOS	Disk Operating System
DOT	Department of Transportation
DPC	Domestic Policy Council
DRA	Deputy Regional Administrator
DS	Dichotomous Sampler
DSCF	Dry standard cubic feet
DSS	Decision Support System
DU	Decision Unit
DU	Duke University
DUC	Decision Unit Coordinator

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E E E E E E E E

EA	Environmental Assessment
EA	Environmental Audit
EADS	Environmental Assessment Data Systems
EAF	Electric Arc Furnace
EBCDIC	Extended Binary Coded Decimal Interchange Code
ECAO	Environmental Criteria and Assessment Office
ECHO	Each Community Helps Others
ECL	Executive Control Language
EDB	Ethylene Dibromide
EDC	Ethylene Dichloride
EDF	Environmental Defense Fund
EDP	Electronic Data Processing
EDS	Energy Data System
EDT	Edit Data Transmission
EDZ	Emission Density Zoning
EEA	Energy and Environmental Analysis
EEC	European Economic Community
EEI	Edison Electric Institute
EEO	Equal Employment Opportunity
EEOC	Equal Employment Opportunity Commission
EERF	Eastern Environmental Radiation Facility
EERL	Eastern Environmental Radiation Laboratory
EF	Emission Factor
EHIS	Emission History Information System

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EI	Emissions Inventory
EIA	Economic Impact Assessment
EIA	Environmental Impact Assessment
EIS	Emissions Inventory System
EIS	Environmental Impact Statement
EIS/AS	Emissions Inventory System/Area Source
EIS/PS	Emissions Inventory System/Point Source
EKMA	Empirical Kinetic Modeling Approach
EM	Electron Microscope
E-MAIL	Electronic Mail
EML	Emission Measurement Laboratory
EMS	Enforcement Management Subsystem
EMSL	Environmental Monitoring Systems Laboratory
EMTS	Environmental Methods Testing Site
EMTS	Exposure Monitoring Test Site
EO	Ethylene Oxide
EO	Executive Order
EOB	Executive Office Building
EOD	Entrance on Duty
EOJ	End of Job
EOT	Emergency Operations Team
EOY	End of Year
EP	Earth Protectors
EP	Environmental Profiles
EPA	Environmental Protection Agency

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EPAA	Environmental Programs Assistance Act
EPAAR	Environmental Protection Agency Acquisition Regulations
EPC	Economic Policy Council
EPI	Environmental Policy Institute
EPNL	Effective Perceived Noise Level
EPRI	Electric Power Research Institute
ERA	Economic Regulatory Agency
ERA	Equal Rights Amendment
ERAMS	Environmental Radiation Ambient Monitoring System
ERC	Emission Reduction Credit
ERC	Environmental Research Center
ERS	Economic Research Service
ERT	Environmental Response Team
ERTAQ	ERT Air Quality Model
ESA	Endangered Species Act
ESCA	Electron Spectroscopy for Chemical Analysis
ESECA	Energy Supply and Environmental Coordination Act
ESED	Emission Standards and Engineering Division
ESP	Electrostatic Precipitator
ETA	Energy Tax Act
ETP	Emissions Trading Policy
EWCC	Environmental Workforce Coordinating Committee
EX	Executive Level Appointments
ExEx	Expected Exceedance

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FAA	Federal Aviation Administration
FAME	Framework for Achieving Managerial Excellence
FAN	Fixed Account Number
FAR	Federal Acquisition Regulations
FAST	Fugitive Assessment Sampling Train
FBC	Fluidized Bed Combustion
FCC	Federal Communications Commission
FCC	Fluid Catalytic Converter
FCCU	Fluid Catalytic Cracking Unit
FCO	Forms Control Officer
FDA	Food and Drug Administration
FDF	Fundamentally Different Factor
FEC	Federal Executive Council
FEDS	Federal Energy Data System
FEGLI	Federal Employee Group Life Insurance
FEHB	Federal Employees Health Benefits
FEI	Federal Executive Institute
FEIS	Fugitive Emissions Information System
FEMA	Federal Emergency Management Agency
FEPCA	Federal Environmental Pesticides Control Act
FERC	Federal Energy Regulatory Commission
FES	Factor Evaluation System
FEV	Forced Expiratory Volume
FEW	Federally Employed Women
FF	Federal Facilities

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FFAR	Fuel and Fuel Additive Registration
FFDCA	Federal Food, Drug and Cosmetic Act
FFFSG	Fossil Fuel Fired Steam Generator
FGD	Flue Gas Desulfurization
FHWA	Federal Highway Administration
FIA	Federal Insurance Administration
FICA	Federal Insurance Contributions Act
FID	Flame Ionization Detector
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
FIND	Facility Index Directory
FIP	Federal Information Plan
FIPS	Federal Information Procedures System
FLM	Federal Land Manager
FLRA	Federal Labor Relations Authority
FLRC	Federal Labor Relations Council
FLSA	Fair Labor Standards Act
FMCS	Federal Mediation and Conciliation Service
FMO	Financial Management Officer
FMS	Financial Management System
FMVCP	Federal Motor Vehicle Control Program
FO	Facilities Office
FOE	Friends of the Earth
FOI	Freedom of Information
FOIA	Freedom of Information Act
FORTRAN	Formula Translation

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FP	Fine Particulate
FPC	Federal Power Commission
FPD	Flame Photometric Detector
FPEIS	Fine Particulate Emissions Information System
FPM	Federal Personnel Manual
FPRS	Federal Program Resources Statement
FPRS	Formal Planning and Reporting System
FR	Federal Register
FR	Final Rulemaking
FRC	Federal Records Center
FREDS	Flexible Regional Emissions Data System
FRM	Federal Reference Methods
FRS	Formal Reporting System
FSIP	Federal Service Impasse Panel
FS	Forest Service
FSS	Federal Supply Schedule
FT	Full Time
FTC	Federal Trade Commission
FTE	Full Time Equivalent
FTP	Federal Test Procedure
FTS	Federal Telecommunications System
FTT	Full Time Temporary
FUA	Fuel Use Act
FWP	Federal Women's Program
FWPAC	FWP Advisory Committee

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FWPCA Federal Water Pollution Control Act

FWS Fish and Wildlife Service

FY Fiscal Year

FYI For Your Information

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GAC	Granular Activated Carbon
GAD	Grants Administration Division
GAO	Government Accounting Office
GBL	Government Bill of Lading
GC	Gas Chromatography
GEMS	Global Environmental Monitoring System
GEMS	Graphical Exposure Modeling System
GEP	Good Engineering Practice
GF	General Files
GLNPO	Great Lakes National Program Office
GLWQA	Great Lakes Water Quality Agreement
GMCC	Global Monitoring for Climatic Change
g/mi	Grams per mile
GMT	Greenwich Mean Time
GNP	Gross National Product
GOCM	Goals, Objectives, Commitments and Measures
GPO	Government Printing Office
GPS	Groundwater Protection Strategy
GS	General Schedule
GSA	General Services Administration
GTN	Global Trends Network
GTR	Government Transportation Request
GVW	Gross Vehicle Weight
GVWR	Gross Vehicle Weight Rating

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H ₂ S	Hydrogen Sulfide
HAD	Health Assessment Document
HAOS	Houston Area Oxidant Study
HAP	Hazardous Air Pollutant
HAPEMS	Hazardous Air Pollutants Enforcement Management System
HAPPS	Hazardous Air Pollutant Prioritization System
HATREMS	Hazardous and Trace Emissions System
HB	Health Benefits
HC	Hydrocarbons
HCCPD	Hexachlorocyclopentadiene
HCP	Hydrothermal Coal Process
HDD	Heavy Duty Diesel
HDG	Heavy Duty Gasoline Powered Vehicle
HDV	Heavy Duty Vehicle
HEAL	Human Exposure Assessment Location
HEM	Human Exposure Modeling
HEP	Hispanic Employment Program
HERL	Health Effects Research Laboratory
HI-VOL	High-Volume Sampler
HIWAY	A Line Source Model for Gaseous Pollutants
HIWS	High-Level Waste and Standards
HMS	Highway Mobile Source
HO	Headquarters Offices
HOV	High Occupancy Vehicle

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HPLC	High Performance Liquid Chromatography
HQ	Headquarters
HRS	Hazard Ranking System
HT	Hydrothermally Treated
HTP	High Temperature and Pressure
HVIO	High Volume Industrial Organics
HWERL	Hazardous Waste Engineering Research Laboratory/Cincinnati
HWTC	Hazardous Waste Treatment Council

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IA	Interagency Agreement
IAAC	Interagency Assessment Advisory Committee
IAEA	International Atomic Energy Agency
IAP	Incentive Awards Program
IAP	Indoor Air Pollution
IBA	Industrial Biotechnology Association
ICAP	Inductively Coupled Argon Plasma
ICBEN	International Commission on the Biological Effects of Noise
ICE	Industrial Combustion Emissions Model
ICE	Internal Combustion Engine
ICR	Information Collection Request
ICS	Intermittent Control Strategies
ICS	Intermittent Control Systems
IFB	Invitation for Bid
IFCAM	Industrial Fuel Choice Analysis Model
IGCI	Industrial Gas Cleaning Institute
IIS	Inflationary Impact Statement
IJC	International Joint Commission
I/M	Inspection and Maintenance
IMM	Intersection Midblock Model
IMPACT	Integrated Model of Plumes and Atmosphere in Complex Terrain
INPUFF	A Gaussian Puff Dispersion Model
INT	Intermittent
IO	Immediate Office

I I I I I I I I

IOAA Immediate Office of the Assistant Administrator
IOAU Input/Output Arithmetic Unit
IOB Iron Ore Beneficiation
IOU Input/Output Unit
IP Inhalable Particulates
IPA Intergovernmental Personnel Act
IPA Intergovernmental Personnel Agreement
IPP Implementation Planning Program
IPP Integrated Plotting Package
IR Infrared
IRG Interagency Review Group
IRLG Interagency Regulatory Liaison Group
IRMC Interagency Risk Management Council
IRS Intermedia Ranking Staff
IRS Internal Revenue Service
IRS International Referral Systems
ISAM Indexed Sequential File Access Method
ISC Industrial Source Complex
ISCL Interim Status Compliance Letter
ISCLT Industrial Source Complex Long Term Model
ISCST Industrial Source Complex Short Term Model
ISMAP Indirect Source Model for Air Pollution
ITC Interagency Testing Committee
ITDP Individual Training and Development Plan
IWS Ionizing Wet Scrubber

I I I I I I I I

JAPCA	Journal of Air Pollution Control Association
JCL	Job Control Language
JEC	Joint Economic Committee
JNCP	Justification for Non-Competitive Procurement
JSD	Jackson Structured Design
JSP	Jackson Structured Programming

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LAER	Lowest Achievable Emission Rate
LCD	Local Climatological Data
LD	Light Duty
LD50	Low Dose Where Fifty Percent of Animals Die
LDD	Light Duty Diesel
LDT	Light Duty Truck
LDV	Light Duty Vehicle
LEL	Lower Explosive Limit
LEP	Laboratory Evaluation Program
LIMB	Limestone Injection Multi-staged Burner
LMR	Labor Management Relations
LNEP	Low Noise Emission Product
LNG	Liquified Natural Gas
LOE	Level of Effort
LONGZ	Long Term Terrain Model
LP	Legislative Proposal
LPG	Liquified Petroleum Gas
LRMS	Low Resolution Mass Spectroscopy
LRO	Labor Relations Officer
LRTAP	Long Range Transportation of Air Pollution
LSL	Lump Sum Leave
LTO	Landing-Takeoff Cycle
LUST	Leaking Underground Storage Tanks
LVRO	Las Vegas Radiations Operations
LWOP	Leave Without Pay

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MAC	Management Advisory Committee
MADCAP	Model of Advection, Diffusion and Chemistry for Air Pollution
MAP3S	Multistate Atmospheric Power Production Pollution Study
MAPPER	Maintaining, Preparing, and Producing Executive Reports
MAPSIM	Mesoscale Air Pollution Simulation Model
MBDA	Minority Business Development Agency
MBO	Management by Objectives
MCA	Manufacturing Chemists Association
MD	Mail Drop
MDA	Methylenedianiline
MDAD	Monitoring and Data Analysis Division
MEFS	Midterm Energy Forecasting System
MEK	Methyl Ethyl Ketone
MEM	Modal Emission Model
MESOPAC	Mesoscale Meteorological Preprocessor Program
MESOPLUME	Mesoscale "Bent Plume" Model
MESOPUFF	Mesoscale Puff Model
MESS	Model Evaluation Support System
MFBI	Major Fuel Burning Installation
MH	Man Hours
MHD	Magnetohydrodynamics
MIBK	Methyl Isobutyl Ketone
MIC	Methyl Isocyanate

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MIDSD	Management Information and Data Systems Division
MIS	Mineral Industry Surveys
MISTT	Midwest Interstate Sulfur Transformation and Transport
ML	Meteorology Laboratory
ML	Military Leave
MMD	Mass Median Diameter
MOA	Memorandum of Agreement
MOBILE	Mobile Source Emissions Model
MOD	Miscellaneous Obligation Document
MOD	Modification
MOS	Margin of Safety
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MPP	Merit Promotion Plan
MPTDS	MPTER Model with Deposition and Settling of Pollutants
MPTER	Multiple Point Source Model with Terrain
MS	Mail Stop
MS	Mass Spectrometry
MSA	Metropolitan Statistical Areas
MSAM	Multi-Keyed Indexed Sequential File Access Method
MSDS	Material Safety Data Sheets
MSEE	Major Source Enforcement Effort
MSIS	Model State Information System
MSL	Mean Sea Level

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MSPB	Merit Systems Protection Board
MTDDIS	Mesoscale Transport Diffusion and Deposition Model for Industrial Sources
MTG	Media Task Group
MTSL	Monitoring and Technical Support Laboratory
MU	Mutual Building
MVA	Multivariate Analysis
MVAPCA	Motor Vehicle Air Pollution Control Act
MVEL	Motor Vehicle Emission Laboratory
MVI/M	Motor Vehicle Inspection/Maintenance
MVICSA	Motor Vehicle Information and Cost Savings Act
MVMA	Motor Vehicle Manufacturers Association
MVS	Multiple Virtual System
MWG	Model Work Group
MW	Megawatt

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N	Nitrogen
NA	Nonattainment
NA	Not Applicable
NA	Not Available
NAA	Nonattainment Area
NAAQS	National Ambient Air Quality Standards
NAAS	National Air Audit System
NACA	National Agricultural Chemicals Association
NACO	National Association of Counties
NADB	National Aerometric Data Bank
NADP	National Atmospheric Deposition Program
NADPSC	National ADP Service Center
NAE	National Academy of Engineering
NAMA	National Air Monitoring Audits
NAMS	National Air Monitoring Station
NANCO	National Association of Noise Control Officials
NAPA	National Academy of Public Administration
NAPAP	National Acid Precipitation Assessment Program
NAPBN	National Air Pollution Background Network
NAPCTAC	National Air Pollution Control Techniques Advisory Committee
NARA	National Air Resources Act
NAS	National Academy of Sciences
NAS	National Audubon Society
NASA	National Aeronautics and Space Administration

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NASN	National Air Sampling Network
NATICH	National Air Toxics Information Clearinghouse
NBS	National Bureau of Standards
NCA	National Coal Association
NCA	Noise Control Act
NCAC	National Clean Air Coalition
NCAF	National Clean Air Fund
NCAQ	National Commission on Air Quality
NCAR	National Center for Atmospheric Research
NCASI	National Council of the Paper Industry for Air and Stream Improvements, Inc.
NCC	National Climatic Center
NCC	National Computer Center
NCCMAG	National Computer Center Management Advisory Group
NCCU	North Carolina Central University
NCHS	National Center for Health Statistics
NCI	National Cancer Institute
NCLAN	National Crop Loan Assessment Network
NCM	National Coal Model
NCP	National Contingency Plan
NCRIC	National Chemical Response and Information Center
NCSU	North Carolina State University
NCWQ	National Commission on Water Quality
NDIR	Nondispersive Infrared Analysis
NDS	National Disposal Site

NEA	National Energy Act
NECRMP	Northeast Corridor Regional Modeling Project
NEDA	National Environmental Development Association
NEDS	National Emissions Data System
NEIC	National Enforcement Investigations Center
NEP	National Energy Plan
NEPA	National Environmental Policy Act
NER	National Emissions Report
NEROS	Northeast Regional Oxidant Study
NESCAUM	Northeast States for Coordinated Air Use Management
NESHAP	National Emission Standard for Hazardous Air Pollutants
NETTING	Emission Trading Used to Avoid PSD/NSR Permit Review Requirements
NFAN	National Filter Analysis Network
NFPA	National Forest Products Association
NFS	National Forest Service
NGA	National Governors Association
NGPA	Natural Gas Policy Act
NHIS	National Health Interview Survey
NHTSA	National Highway Traffic Safety Administration
NIEHS	National Institute of Environmental Health Sciences
NIH	National Institutes of Health
NIMBY	Not in My Backyard
NIOSH	National Institute of Occupational Safety and Health

NIS	Noise Information System
NITEP	National Incinerator Testing and Evaluation Program
NLA	National Lime Association
NLC	National League of Cities
NLT	Not Later Than
NMC	National Meteorological Center
NMHC	Nonmethane Hydrocarbons
NMOC	Nonmethane Organic Compounds
NMP	National Municipal Policy
NMR	Nuclear Magnetic Resonance
NO	Nitric Oxide
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
NOA	New Obligation Authority
NOAA	National Oceanic and Atmospheric Administration
NOEL	No Observable Effects Level
NOJC	National Oil Jobbers Council
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List (Superfund)
NPM	National Program Manager
NPN	National Particulate Network
NPR	Notice of Proposed Rulemaking
NPS	National Park Service
NPS	National Permit Strategy
NRA	National Recreation Area

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NRC	National Referral Center
NRC	Nuclear Regulatory Commission
NRDC	National Resources Defense Council
NRT	National Response Team
NSF	National Science Foundation
NSO	Nonferrous Smelter Order
NSPE	National Society for Professional Engineers
NSPS	New Source Performance Standards
NSR	New Source Review
NSWMA	National Solid Waste Management Association
NTE	Not to Exceed
NTIS	National Technical Information Service
NTP	National Toxicology Program
NURF	NAPAP Utility Reference File
NVPP	National Vehicle Population Poll
NWF	National Wildlife Federation
NWRC	National Weather Records Center
NWS	National Weather Service

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O ₃	Ozone
O _x	Total Oxidants
OA	Office of Administration
OA	Office of the Administrator
OADEMQA	Office of Acid Deposition, Environmental Monitoring, and Quality Assurance
OALJ	Office of the Administrative Law Judges
OAQPS	Office of Air Quality Planning and Standards
OAR	Office of Air and Radiation
OARM	Office of Administration and Resources Management
OC	Object Class
OC	Office of the Comptroller
OCAPO	Office of Compliance Analysis and Program Operations
OCD	Offshore and Coastal Dispersion Model
OCL	Office of Congressional Liaison
OCM	Office of Compliance Monitoring
OCR	Office of Civil Rights
OCR	Optical Character Reader
OD	Office of the Director
OD	Organizational Development
ODA	Office of the Deputy Administrator
ODP	Office of Data Processing
ODW	Office of Drinking Water
OEA	Office of External Affairs
OECD	Organization of Economic Cooperation and Development

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OECD	Office of Enforcement and Compliance Monitoring
OEET	Office of Environmental Engineering and Technology
OEGB	Old Executive Office Building
OEPR	Office of Environmental Processes and Effects Research
OER	Office of Exploratory Research
OERR	Office of Emergency and Remedial Response (Superfund)
OES	Office of Executive Support
OF	Optional Form
OFA	Office of Federal Activities
OFM	Office of Financial Management
OGC	Office of General Counsel
OGWP	Office of Ground-Water Protection
OHEA	Office of Health and Environmental Assessment
OHR	Office of Health Research
OHRM	Office of Human Resources Management
OIA	Office of International Activities
OIG	Office of the Inspector General
OIRM	Office of Information Resources Management
OLA	Office of Legislative Analysis
OMB	Office of Management and Budget
OMEP	Office of Marine and Estuarine Protection
OMPC	Office of Municipal Pollution Control
OMPE	Office of Management Planning and Evaluation
OMS	Office of Mobile Sources

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OMSE	Office of Management Systems and Evaluation
OP	Operating Plan
OPA	Office of Policy Analysis
OPA	Office of Public Affairs
OPAC	Overall Performance Appraisal Certification
OPF	Official Personnel Folder
OPFT	Other Than Permanent Full Time
OPFTE	Other Than Permanent Full Time Equivalent
OPM	Office of Program Management
OPMO	Office of Program Management Operations
OPMS	Office of Program Management and Support
OPP	Office of Pesticide Programs
OPPE	Office of Policy, Planning, and Evaluation
OPPM	Office of Policy and Program Management
OPPSL	Office of Private and Public Sector Liaison
OPTS	Office of Pesticides and Toxic Substances
ORD	Office of Research and Development
ORO	Office of Regional Operations
ORP	Office of Radiation Programs
ORPM	Office of Research Program Management
ORV	Off-Road Vehicle
OSDBU	Office of Small and Disadvantaged Business Utilization
OSHA	Occupational Safety and Health Administration

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OSR	Office of Standards and Regulations
OS/VS	Operating System/Virtual Storage
OSW	Office of Solid Waste
OSWER	Office of Solid Waste and Emergency Response
OT	Overtime
OTA	Office of Technology Assessment
OTS	Office of Toxic Substances
OW	Office of Water
OWCP	Office of Workers Compensation Programs
OWEP	Office of Water Enforcement and Permits
OWPE	Office of Waste Programs Enforcement
OWRS	Office of Water Regulations and Standards
OZIPP	Ozone Isopleth Plotting Package
OZIPPM	Modified Ozone Isopleth Plotting Package

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P	Phosphorous
P&A	Precision and Accuracy
PAA	Priority Abatement Areas
PADRE	Particle Analysis and Data Reduction Program
PAH	Polycyclic Aromatic Hydrocarbon
PAL	Point, Area, and Line Source Air Quality Model
PALDS	PAL Model with Deposition and Settling of Pollutants
PAN	Peroxyacetyl Nitrate
PARS	Precision and Accuracy Reporting System
Pb	Lead
PBB	Polybromated Biphenyls
PBL	Planetary Boundary Layer
PBLSQ	The Lead Line Source (PBLSQ) Model
PC	Personal Computer
PC	Planned Commitment
PC	Position Classification
PC	Pulverized Coal
PCA	Principal Component Analysis
PCB	Polychlorinated Biphenyls
PC&B	Personnel Compensation and Benefits
PCE	Pollution Control Equipment
PCIOS	Processor Common Input/Output System
PCO	Printing Control Officer
PCON	Potential Contractor

PCS	Permanent Change of Station
PCS	Program Coordination Staff
PD	Position Description
PD	Position Document
PE	Program Element
PEL	Personal Exposure Limit
PEM	Personal Exposure Model
PEPE	Prolonged Elevated Pollution Episode
PFT	Permanent Full Time
PFTE	Permanent Full Time Equivalent
PHS	Public Health Service
PHSA	Public Health Service Act
PI	Program Information
PIC	Products of Incomplete Combustion
PIC	Public Information Center
PLUVUE	Plume Visibility Model
PM	Particulate Matter
PM ₁₀	Particulate Matter nominally 10m and less
PM ₁₅	Particulate Matter nominally 15m and less
PMIP	Presidential Management Intern Program
PMIS	Personnel Management Information System
PMN	Premanufacture Notification
PMNF	Premanufacture Notification Form
PMR	Pollutant Mass Rate

PMRS	Performance Management and Recognition System
PMS	Performance Management System
PMS	Personnel Management Specialist
PNA	Polynuclear Aromatic Hydrocarbons
PO	Project Officer
PO	Purchase Order
POC	Program Office Contacts
POM	Polycyclic Organic Matter
POMO	Program Operations and Management Office
POTW	Publicly Owned Treatment Works
POV	Privately Owned Vehicle
PP	Pay Period
PP	Program Planning
PPA	Planned Program Accomplishment
ppb	Parts per billion
PPIS	Pesticide Product Information System
ppm	Parts per million
PPMAP	Power Planning Modeling Application Procedure
PPRS	Program Planning and Review Staff
PPSP	Power Plant Siting Program
PPT	Permanent Part Time
PR	No Year Fund
PR	Procurement Request
PRA	Paperwork Reduction Act

PRA	Planned Regulatory Action
PS	Point Source
PSAM	Point Source Ambient Monitoring
PSD	Prevention of Significant Deterioration
PSE	Program Subelement
PSI	Pollutant Standards Index
PSM	Point Source Monitoring
PSP	Payroll Savings Plan
PSS	Personnel Staffing Specialist
PT	Part Time
PTDIS	Single Stack Meteorological Model in EPA UNAMAP Series
PTE	Potential to Emit
PTMAX	Single Stack Meteorological Model in EPA UNAMAP Series
PTMTP	Multistack Meteorological Model in EPA UNAMAP Series
PTPLU	Point Source Gaussian Diffusion Model
PV	Project Verification
PVC	Polyvinyl Chloride
PY	Prior Year

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QA	Quality Assurance
QAC	Quality Assurance Coordinator
QAMIS	Quality Assurance Management and Information System
QC	Quality Control
QCA	Quiet Communities Act
QCI	Quality Control Index
QCP	Quiet Community Program
QSI	Quality Step Increase

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RA Reasonable Alternative
RA Regional Administrator
RA Regulatory Alternatives
RA Regulatory Analysis
RA Resource Allocation
RA Risk Analysis
RA Risk Assessment
RACM Reasonable Available Control Measures
RACT Reasonably Available Control Technology
RADM Random Walk Advection and Dispersion Model
RADM Regional Acid Deposition Model
RAM Urban Air Quality Model for Point and Area Sources in EPA UNAMAP Series
RAMS Regional Air Monitoring System
RAPS Regional Air Pollution Study
RARG Regulatory Analysis Review Group
RAT Relative Accuracy Test
RB Red Border
RC Responsibility Center
RCA Responsibility Center A (OAA/OPMO)
RCB Responsibility Center B (OTLUP)
RCC Radiation Coordinating Council
RCF Responsibility Center F (OPA)
RCM Responsibility Center Monthly
RCRA Resource Conservation and Recovery Act

R R R R R R R R

R&D	Research and Development
RDU	Raleigh-Durham Airport
RDU	Regional Decision Unit
REE	Rare Earth Elements
REEP	Review of Environmental Effects of Pollutants
REF	Reference
REPS	Regional Emissions Projection System
RFB	Request for Bid
RFD	Reference Dose Values
RFP	Reasonable Further Progress
RFP	Request for Proposal
RFQ	Request for Quote
RIA	Regulatory Impact Analysis
RIA	Regulatory Impact Assessment
RIC	RTP Information Center
RIF	Reduction in Force
RIM	Regulatory Interpretation Memorandum
RIP	RCRA Implementation Plan
RJE	Remote Job Entry
RMDHS	Regional Model Data Handling System
RMIS	Resources Management Information System
RO	Regional Office
ROADCHEM	ROADWAY Version that Includes Chemical Reactions of NO, NO ₂ and O ₃
ROADWAY	A Model to Predict Pollutant Concentrations Near a Roadway

ROLLBACK	A Proportional Reduction Model
ROM	Regional Oxidant Model
ROPA	Record of Procurement Action
RP	Respirable Particulates
RPAR	Rebuttable Presumption Against Registration
RPM	Reactive Plume Model
RPO	Regional Planning Officer
RPO	Regional Programs Office
RQ	Reportable Quantities
RSS	Regional Services Staff
RT	Regional Total
RTCM	Reasonable Transportation Control Measures
RTD	Return to Duty
RTDM	Rough Terrain Diffusion Model
RTFEA	Research Triangle Federal Employees Association
RTM	Regional Transport Model
RTP	Research Triangle Park
RTPFCU	Research Triangle Park Federal Credit Union
RVP	Reid Vapor Pressure

S	Sulphur
S&A	Surveillance and Analysis
SAB	Science Advisory Board
SADAA	Science Assistant to the Deputy Assistant Administrator
SAE	Society of Automotive Engineers
SAEWG	Standing Air Emissions Work Group
SAIP	Systems Acquisition and Implementation Program
SAMWG	Standing Air Monitoring Work Group
SAR	Start Action Request
SAROAD	Storage and Retrieval of Aerometric Data
SAS	Statistical Analysis System
SASD	Strategies and Air Standards Division
SASS	Source Assessment Sampling System
SBA	Small Business Administration
SC	Sierra Club
SC	Steering Committee
SCAP	Superfund Comprehensive Accomplishment Plan
SCC	Source Classification Code
SCFM	Standard cubic feet per minute
SCR	Selective Catalytic Reduction
SCS	Supplementary Control Strategy
SCS	Supplementary Control System
SDWA	Safe Drinking Water Act
SEAS	Strategic Environmental Assessment System

SEE	Senior Environmental Employment
SEIA	Socioeconomic Impact Analysis
SEM	Scanning Electron Microscope
SES	Senior Executive Service
SES	Socioeconomic Status
SF	Standard Form
SFA	Spectral Flame Analyzers
SFO	Servicing Finance Office
SHORTZ	Short Term Terrain Model
SI	International System of Units
SI	Spark Ignition
SIC	Standard Industrial Classification
SICEA	Steel Industry Compliance Extension Act
SIMS	Secondary Ion-Mass Spectrometry
SIP	State Implementation Plan
SIS	Stay in School
SL	Sick Leave
SLAMS	State/Local Air Monitoring Station
SLAPS	St. Louis Air Pollution Study
SLPD	State and Local Planning Division
SLSM	Simple Line Source Model
SNAAQs	Secondary National Ambient Air Quality Standards
SNUR	Significant New Use Rule
SO ₂	Sulfur Dioxide

SO _x	Sulfur Oxides
SOCMA	Synthetic Organic Chemical Manufacturers Association
SOCMI	Synthetic Organic Chemical Manufacturing Industry
SOP	Standard Operating Procedure
SOTDAT	Source Test Data
SOV	Single Occupancy Vehicle
SOW	Scope of Work
SPECS	Specifications
SPF	Structured Programming Facility
SPMS	Strategic Planning and Management System
SPMS	Special Purpose Monitoring Stations
SPS	State Permit System
SPSS	Statistical Package for the Social Sciences
SPUR	Software Package for Unique Reports
SRC	Solvent Refined Coal
SRM	Standard Reference Method
SRU	System Resource Unit
SSAN	Social Security Account Number
SSCD	Stationary Source Compliance Division
SSD	Standards Support Document
SSEIS	Standard Support and Environmental Impact Statement
SSI	Size Selective Inlet
SSMS	Spark Source Mass Spectroscopy
SSN	Social Security Number

SSO	Support Services Office
STAPPA	State and Territorial Air Pollution Program Administrators
STAR	Stability Wind Rose
STAR	State Acid Rain Projects
S/TCAC	Scientific/Technical Careers Advisory Committee
STEL	Short Term Exposure Limit
STORET	Storage and Retrieval of Water Related Data
STP	Standard Temperature and Pressure
SUP	Standard Unit of Processing
SURE	Sulfate Regional Experiment Program
SYSOP	Systems Operator
SWE	Society of Women Engineers

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TA	Travel Authorization
TAMS	Toxic Air Monitoring System
TAMTAC	Toxic Air Monitoring Technical Advisory Committee
TAPDS	Toxic Air Pollutant Data System
TAPP	Time and Attendance, Payroll, and Personnel
TC	Technical Center
TCM	Texas Climatological Model
TCM	Transportation Control Measure
TCP	Transportation Control Plan
TDY	Temporary Duty
TEAM	Total Exposure Assessment Methodology
TEC	Technical Evaluation Committee
TEM	Texas Episodic Model
TEXIN	Texas Intersection Air Quality Model
TFT	Temporary Full Time
TFTE	Temporary Full Time Equivalent
TGIF	Thank God It's Friday
TGO	Total Gross Output
THC	Total Hydrocarbons
TI	Temporary Intermittent
TIBL	Thermal Internal Boundary Layer
TIC	Technical Information Coordinator
TIM	Technical Information Manager
TIP	Transportation Improvement Program
TITC	Toxic Substances Control Act Interagency Testing Committee

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TLV	Threshold Limit Value
TO	Task Order
TO	Travel Order
TOA	Trace Organic Analysis
TOC	Total Organic Compound
TPTH	Triphenyltin Hydroxide
TRLN	Triangle Research Library Network
TRS	Total Reduced Sulfur
TSC	Toxic Substances Coordinator
TSC	Transportation Systems Center
TSCA	Toxic Substances Control Act
TSCC	Toxic Substances Coordinating Committee
TSD	Technical Support Document
TSDF	Treatment, Storage, and Disposal Facilities
TSM	Transportation System Management
TSO	Time Sharing Option
TSP	Total Suspended Particulates
TSS	Terminal Security System
TSS	Total Suspended Solids
TSSMS	Time Sharing Services Management System
TTFA	Target Transformation Factor Analysis
TTY	Teletypewriter
TUCC	Triangle University Computer Center
TVA	Tennessee Valley Authority
TWA	Time Weighted Average

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UAM	Urban Airshed Model
UAQI	Uniform Air Quality Index
UARG	Utility Air Regulatory Group
UIC	Underground Injection Control Program
ULP	Unfair Labor Practice
UMP	Upward Mobility Program
UMTA	Urban Mass Transportation Administration
UN	United Nations
UNAMAP	User's Network for Applied Modeling of Air Pollution
UNC	University of North Carolina
UNEP	United Nations Environment Program
UNESCO	United Nations Educational, Scientific and Cultural Organization
USBM	United States Bureau of Mines
USC	United States Code
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USFS	United States Forest Service
USGS	United States Geological Survey
UST	Underground Storage Tank
UTM	Universal Transverse Mercator
UTP	Urban Transportation Planning
UV	Ultraviolet

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VALLEY	Meteorological Model to Calculate Concentrations on Elevated Terrain
VCM	Vinyl Chloride Monomer
VE	Visual Emissions
VHT	Vehicle-Hours of Travel
VISTA	Visibility Impairment from Sulfur Transformation and Transport in the Atmosphere
VKT	Vehicle Kilometers Traveled
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
VOS	Vehicle Operating Survey
VSS	Volatile Suspended Solids

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WA	Work Assignment
WCC	Washington Computer Center
WDC	Washington National Airport
WED	Women's Equality Day
WERL	Water Engineering Research Laboratory
WG	Wage Grade
WG	Work Group
WGI	Within Grade Increase
WHO	World Health Organization
WIC	Washington Information Center
WICEM	World Industry Conference on Environmental Management
WMO	World Meteorological Organization
WOW	We-Cycle Office Wastepaper
WPC	Word Processing Center
WPI	Wholesale Price Index
WRC	Water Resources Council
WS	Work Status
WSM	Waterside Mall
YTD	Year to Date
ZBB	Zero Base Budgeting

MISCELLANEOUS SYMBOLS

10^{12}	TERA (T)	One trillion times
10^9	GIGA (G)	One billion times
10^6	MEGA (M)	One million times
10^3	KILO (k)	One thousand times
10^{-3}	MILLI (m)	One thousandth of
10^{-6}	MICRO (μ)	One millionth of
10^{-9}	NANO (n)	One billionth of
10^{-12}	PICO (p)	One trillionth of
m	Meter (Length)	1m = 39.37 in.
g	Gram (Mass)	1g = ~.035 oz.
~	Approximately	
≈	Approximately equal to	
>	Greater than	
≥	Greater than or equal to	
<	Less than	
≤	Less than or equal to	
>>	Much greater than	
<<	Much less than	
#	Number (No. is preferred, if either is needed)	
Ω	Ohm	
+	Plus	
\pm	Plus or minus	
§	Section	
Σ	To sum up	

MISCELLANEOUS SYMBOLS

POSTAL ABBREVIATIONS

AL	Alabama	MO	Missouri
AK	Alaska	MT	Montana
*	American Samoa	NE	Nebraska
AZ	Arizona	NV	Nevada
AR	Arkansas	NH	New Hampshire
CA	California	NJ	New Jersey
CO	Colorado	NM	New Mexico
CT	Connecticut	NY	New York
CZ	Canal Zone	NC	North Carolina
DE	Delaware	ND	North Dakota
DC	District of Columbia	OH	Ohio
FL	Florida	OK	Oklahoma
GA	Georgia	OR	Oregon
GU	Guam	PA	Pennsylvania
HI	Hawaii	PR	Puerto Rico
ID	Idaho	RI	Rhode Island
IL	Illinois	SC	South Carolina
IN	Indiana	SD	South Dakota
IA	Iowa	TN	Tennessee
KS	Kansas	TX	Texas
KY	Kentucky	UT	Utah
LA	Louisiana	VT	Vermont
ME	Maine	VI	Virgin Islands
MD	Maryland	VA	Virginia
MA	Massachusetts	WA	Washington
MI	Michigan	WV	West Virginia
MN	Minnesota	WI	Wisconsin
MS	Mississippi	WY	Wyoming

* No abbreviation given by the U.S. Postal Services

POSTAL ABBREVIATIONS

Abbreviations, Units and Acronyms

The following list is presented to assist the user in identifying the meaning of some of the abbreviations, units, symbols or acronyms appearing in the products and services of Engineering Information, Inc.

A	degree Absolute	bpsd	barrels per stream day
A	Angstrom	BS	British Standard
abs	absolute	Btu	British thermal unit
ABS	acrylonitrile-butadiene-styrene	bu	bushel
ac	alternating current	BWR	boiling water reactor
ADP	ammonium dihydrogen phosphate		
ADP	automatic data processing	C	capacitance
AF	audio frequency	C	degree Centigrade, Celsius
afc	automatic frequency control	CA	cellulose acetate
agc	automatic gain control	cal	calorie
AGR	advanced gas cooled reactor	CATV	community antenna television, cable television
ALGOL	algorithmic language	cc	cubic centimeter
ALS	aircraft landing system	cd	candela
am	amplitude modulation	cfm	cubic feet per day
amp	ampere	cfhr	cubic feet per hour
amp hr	ampere hour	cfm	cubic feet per minute
antilog	antilogarithm	cfs	cubic feet per second
ASWG	American steel wire gage	cgs	centimeter-gram-second
ATC	air traffic control	Ci	curie
atm	atmosphere	CI	compression ignition
at. %	atomic percent	cm	centimeter
at. wt	atomic weight	cmil	circular mil
AU	astronomical unit	CN	cellulose nitrate
avc	automatic volume control	CN	cetane number
avdp	avoidupois	COBOL	common business oriented language
avg	average	COD	chemical oxygen demand
		colog	cologarithm
B	magnetic flux density	COMSAT	communications satellite
b	barn	cos	cosine
bbf	barrel	cosh	hyperbolic cosine
bcc	body centered cubic	cot	cotangent
Be	Baume	coul	Coulomb
Bev	billion electron volt	cp	candlepower
bfo	beat frequency oscillator	CPM	critical path method
Bhn	Brinell hardness number	cps	cycles per second
bhp	brake horsepower	c to c	center to center
bhp-hr	brake horsepower-hour	CTOL	conventional takeoff and landing
bil	basic insulation level	.cu	cubic
bit	binary digit	*cu ft	cubic foot
bmep	brake mean effective pressure	cu in	cubic inch
bod	biochemical oxygen demand	cu m	cubic meter
BOF	basic oxygen furnace	cusec, cfs	cubic feet per second
bp	between perpendiculars	cu yd	cubic yard
bp	boiling point	cw	continuous wave
bpd	barrels per day	cyl	cylinder
bpi	bits per inch		

DAP	diallyl phthalate	fm	frequency modulation
db	decibel	FORTAN	formula translation
dba	decibels adjusted	fp	freezing point
dbm	decibels referred to 1 mw	fpm	feet per minute
dbv	decibels referred to 1 v	fps	feet per second
dc	direct current	fps	foot-pound-second
DDT	dichlorodiphenyltrichloroethane	FRP	fiberglass reinforced plastic
deg	degrees (angle)	FSK	frequency shift keying
DEW	distant early warning	ft	foot
df	direction finder	ft-c	foot-candle
dia, diam	diameter	ft-l	foot-lambert
dkm	dekameter	ft-lb	foot-pound
dm	decimeter	FWHM	full wave at half maximum
DME	distance measuring equipment	FWP	fiber wound plastics
doz	dozen		
dpt	double pole double throw	g	gram
dph	diamond pyramid hardness	g	gravitational acceleration
dpt	double pole single throw	G	gauss
DTA	differential thermal analysis	gal	gallon
dwc	deadweight capacity	GCA	ground controlled approach
dwt	deadweight	GCFR	gas cooled fast reactor
		GEM	ground effect machines
EBR	experimental breeder reactor	Gev	gigaelectron volts
EBWR	experimental boiling water reactor	GEV	ground effect vehicles
ECG	electrocardiogram	GFRP	glass fiber reinforced plastics
ECG	electrochemical grinding	GHz	gigahertz
ECM	electrochemical machining	gpd	gallons per day
EDM	electrical discharge machining	gph	gallons per hour
EDP	electronic data processing	gpm	gallons per minute
EDT	ethylenediamine tartrate	gps	gallons per second
EDTA	ethylenediaminetetra-acetic acid	GRP	glass reinforced plastics
EEG	electroencephalogram	GVW	gross vehicle weight
EEM	electron emission microscope	Gw	gigawatt
ehp	effective horsepower	Gwhr	gigawatt-hour
ehv	extra high voltage		
ELF	extra low frequency	h	henry
ELG	electrolytic grinding	H	magnetic field strength
EMC	electromagnetic compatibility	hcp	hexagonal close packed
emf	electromotive force	HDPE	high density polyethylene
emi	electromagnetic interference	hf	high frequency
emu	electromagnetic units	hp	horsepower
EPR	electron paramagnetic resonance	h-p	high pressure
EPR	ethylene propylene rubber	hp hr	horsepower hour
ERP	effective radiated power	hr	hour
ESM	electron scanning microscope	HSS	high speed steel
ESR	electron spin resonance	ht	high tension
esu	electrostatic units	HTGR	high temperature gas cooled reactor
ev	electron volt	HTHW	high temperature hot water
		hv	high voltage
f	farad	Hz	hertz
F	degree Fahrenheit		
fbm	foot board measure (boardfeet)	IC	integrated circuit
fcc	face centered cubic	IC	internal combustion
FET	field effect transistor	ICBM	intercontinental ballistic missile
fl oz	fluid ounce		

icw	interrupted continuous wave	L-C	inductance capacitance
ID	inside diameter	LCL	less than carload lots
if	intermediate frequency	L/D	lift/drag ratio
IGY	International Geophysical Year	lf	low frequency
ihp	indicated horsepower	lm	lumen
ihp-hr	indicated horsepower-hour	LMG	liquefied methane gas
ILS	instrument landing system	ln	natural logarithm
impd	impedance	LNG	liquefied natural gas
in.	inch	log	logarithm
ipm	inches per minute	long.	longitude
ips	inches per second	LOX	liquid oxygen
IR	infrared	l-p	low pressure
IRBM	intermediate range ballistic missile	LPG	liquefied petroleum gas
I-V	current-voltage	LPG	liquefied propane gas
		lv	low voltage
j	joule	μ	μ micron
JATO	jet assisted takeoff	μ a	microampere
		μ f	microfarad
K	degree Kelvin	μ g	microgram
ka	kiloampere	μ in.	microinch
kbar	kilobar	μ m	micrometer
kc	kilocycles per second	μ sec	microsecond
kcal	kilocalorie	μ v	microvolt
KDP	potassium dihydrogen phosphate	μ w	microwatt
kev	kiloelectron volt	$\mu\mu$ f	micromicrofarad
kg	kilogram	m	meter
kG	kilogauss	M	Mach
kgf	kilogram force	M	molar concentration
kgm	kilogram mass	ma	milliampere
kg-m	kilogram-meter	Mamp	megampere
kHz	kilohertz	man-hr	man-hour
kips	thousand pounds	mb	millibar
kliter	kiloliter	mb	millibarn
km	kilometer	Mbit	megabit
koe	kilo oersted	mc	millicurie
kohm	kilo ohm	Mc	megacycles per second
kp	kilopound	Mcf	thousand cubic feet
kai	kilopounds per square inch	MCM	thousand circular mills
kv	kilovolt	MCR	maximum continuous rating
kva	kilovolt-ampere	mcw	modulated continuous wave
kvar	kilovolt-ampere reactive	mep	mean effective pressure
kvp	kilovolts peak	meq	milliequivalents
kw	kilowatt	Mev	million electron volt
kwe	kilowatts electrical	mf	medium frequency
kwhr	kilowatt-hour	mg	milligram
kwt	kilowatts thermal	mgd	million gallons per day
		MGD	magnetogasdynamic
L	inductance	mh	millihenry
L	lambert	MHD	magnetohydrodynamic
lat.	latitude	MHz	megahertz
lb	pound	mi	mile
lbf	pounds force	MIG	metal inert gas
lb-ft	pound-foot	min	minute
lb-in.	pound-inch	mks	meter-kilogram-second
lbm	pounds mass		

ml	milliliter	OH	open hearth
mL	millilambert	oz	ounce
mm	millimeter		
MMcf	million cubic feet	PA	public address
MMcfd	million cubic feet per day	PABX	private automatic branch exchange
mmf	magnetomotive force	PAM	pulse amplitude modulation
mo	month	PBX	private branch exchange
Mohm	megohm	P/C	printed circuits
mol%	molecular percent	PCM	pulse code modulation
mol. wt	molecular weight	PD	potential difference
MOS	metal oxide semiconductor	Pdb	perceived decibels
MOSFET	MOS field effect transistor	PDF	probability distribution function
MOST	metal oxide semiconductor transistor	pdI	poundal
mp	melting point	PE	polyethylene
Mp	megapond	PERT	program evaluation and review technique
MPD	magnetoplasdynamic	PETN	pentaerythritol tetranitrate
mph	miles per hour	pf	picofarad
mr	milliroentgen	pf	power factor
Mrad	megarad	PFM	pulse frequency modulation
msec	millisecond	pH	hydrogen ion concentration
MTI	moving target indicator	p-i-n	positive-intrinsic-negative (junctions)
MTR	materials testing reactor	PM	phase modulation
MUF	Maximum usable frequency	PM	powder metallurgy
mv	millivolt	PM	pulse modulation
Mv	megavolt	PMMA	polymethyl methacrylate
Mva	megavolt-ampere	p-n	positive-negative (junctions)
mw	milliwatt	p-n-p	positive-negative-positive (junctions)
Mw	megawatt	PP	polypropylene
Mwd	megawatt day	ppb	parts per billion
MWD	molecular weight distribution	PPI	plan position indicator
Mwe	megawatts electrical	ppm	parts per million
Mwt	megawatts thermal	PPO	polyphenylene oxide
mμ	millimicron	pps	pulses per second
		PRF	pulse repetition frequency
N	newton	PS	polystyrene
N	normal concentration	psec	picosecond
NBR	nitrile butadiene rubber	psf	pounds per square foot
NC	nitrocellulose	psi	pounds per square inch
N/C	numerical control	psia	pounds per square inch absolute
NDI	nondestructive inspection	psig	pounds per square inch gage
NDT	nondestructive testing	PSK	phase shift keying
nm	nanometer	PSWR	power standing wave ratio
nmi	nautical mile	PTFE	polytetrafluoroethylene
NMR	nuclear magnetic resonance	PVA	polyvinyl alcohol
n-p-n	negative-positive-negative (junctions)	PVC	polyvinyl chloride
NPSH	net positive suction head	PVF	polyvinyl fluoride
nsec	nanosecond	pvt	pressure volume temperature
NTP	normal temperature and pressure	PWR	pressurized water reactor
nv	neutron flux		
nvt	total integrated neutron flux	QC	quality control
		qt	quart
oa	overall		
od	outside diameter		
oe	oersted	R	degree Rankine, Reaumur
OFHC	oxygen free high conductivity copper	R	resistance

rad	radian	swg	standard wire gage
rad	radiation dose	SWR	standing wave ratio
R	Rockwell hardness (subscript according to scale, e.g., s.b.: R _C)	sync	synchronization
r	roentgen		
RC	resistance capacitance	t	ton
R & D	research and development	T	Tesla
RDX	cyclotrimethylene trinitramine	tan	tangent
Re	Reynolds number	tanh	hyperbolic tangent
RE	rare earth	tdw	total deadweight
reac	reactance	TE	transverse electric
rem	roentgen equivalent man	TEL	tetraethyl lead
rep	roentgen equivalent physical	TEM	transverse electromagnetic
rf	radio frequency	TEP	thermoelectric power
RH	relative humidity	TFE	tetrafluoroethylene
RIV	radio influence voltage	TFT	thin film transistor
'R-L-C	resistance-inductance-capacitance	TGA	thermogravimetric analysis
rms	root mean square	THz	terahertz
rpm	revolutions per minute	THTR	thorium high temperature reactor
rps	revolutions per second	TIG	tungsten inert gas
		TM	transverse magnetic
SBR	styrene butadiene rubber	TNT	trinitrotoluene
scf	standard cubic feet	tonf	tons force
scfm	standard cubic feet per minute	TPA	terephthalic acid
SCR	silicon controlled rectifier	tpd	tons per day
sec	secant	tph	tons per hour
sec	second	TR	transmitter-receiver
SGHWR	steam generating heavy water reactor	urf	tuned radio frequency
shp	shaft horsepower	TTT	time-temperature-transformation
sin	sine	TV	television
sinh	hyperbolic sine	TWT	traveling wave tube
SMS	semiconductor-metal-semiconductor	TWX	teletype exchange
SNAP	system for nuclear auxiliary power		
snr	signal-to-noise ratio		
sp gr	specific gravity	UHF	ultra-high frequency
spdt	single pole double throw	uhv	ultra high voltage
SPL	sound pressure level	UHV	ultra high vacuum
spst	single pole single throw	ULF	ultra low frequency
sq	square	UV	ultraviolet
sq cm	square centimeter		
sq ft	square foot		
sq in.	square inch	v	volt
sq m	square meter	va	volt ampere
sq mi	square mile	var	volt-ampere reactive
SQC	statistical quality control	vers	verse sine
sr	steradian	vf	voice frequency
SR	silicone rubber	Vh	Vickers hardness
SSB	single sideband	VHF	very high frequency
SST	supersonic transport	V-I	voltage-current
SSU	Saybolt seconds universal	VLF	very low frequency
STOL	short takeoff and landing	vol%	volume percent
STP	standard temperature and pressure	VOR	VHF omnidirectional radio range
SW	short wave	VSWR	voltage standing wave ratio

VTOL vertical takeoff and landing
VTR video tape recording
VTVM vacuum tube voltmeter
vu volume unit

w watt
Wb weber
wg water gage
whr watt-hour
wk week

wpm words per minute
wt% weight percent

YAG yttrium aluminum garnet
yd yard
YIG yttrium iron garnet
yr year

° degree (angle)
/ per

ENVIRONMENTAL ARGOT

Slang is not the sort of thing
To add into one's phrases.
And acronyms are not like hymns,
For no one sings their praises.

Maligned and scorned, these letters torn
From feyered imaginations
Perplex, confuse, confound, contuse
And cause heart palpitations.

Gary McCutchen