

FIRE AND RESCUE DEPARTMENT ACRONYMS

AAR	Association of American Railroads
ACGIH	American Conference of Governmental Industrial Hygienists
ACC	American Chemistry Council
ACS	American Chemical Society
AFFF	Aqueous Film-Forming Foam
AHA	American Heart Association
ALOHA	Aerial Location of Hazardous Atmospheres
ALS	Advanced Life Support
ANFO	Ammonium Nitrate and Fuel Oil
APCO	Association of Public Safety Communications Officials-International, Inc.
APR	Air-Purifying Respirators
ARFF	Aircraft Rescue and Firefighting
AST	Aboveground Storage Tanks
ASTM	American Society for Testing and Materials
ATC	Alcohol-Type Concentrates
ATF	Alcohol, Tobacco, and Firearms
BLEVE	Boiling Liquid Expanding Vapor Explosion
BLS	Basic Life Support
BNICE	Biological, Nuclear, Incendiary, Chemical and Explosive
BOCA	Building Officials Conference Association
BOS	Board of Supervisors
BSI	Body Substance Isolation

Btu	British thermal unit
CAAA	Clean Air Act Amendment
CAD	Computer-Aided Drawing; Computer-Aided Dispatch
CAFS	Compressed Air Foam Systems
CAMEO	Computer-Aided Management for Emergency Operations
CANUTEC	Canadian Transportation Emergency Center
CBDCOM	Chemical and Biological Defense Command
CBIRF	Chemical and Biological Incident Response Force (Marines)
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CGI	Combustible Gas Indicators
CHEMTREC	Chemical Transportation Emergency Center
CHRIS	Chemical Hazards Risk Information System
CIS	Critical Incident Stress
CISD	Critical Incident Stress Debriefing
CISM	Critical Incident Stress Management
CMS	Chip Measurement System
CNS	Central Nervous System
COG	Council of Governments (Metropolitan Washington)
CPR	Cardiopulmonary Resuscitation
DCM	Dangerous Cargo Manifest
DECIDE	Detect, Estimate, Choose, Identify, do the best, Evaluate

DHS	Department of Homeland Security
DNR	Department of Natural Resources
DOT	Department of Transportation (U.S.)
EAP	Employee Assistance Program
EDITH	Exit Drills In The Home
EHS	Extremely Hazardous Substance
EMS	Emergency Medical Services
EMT	Emergency Medical Technician
EMTA	Equipment Transportation Management Agency (Fairfax Co)
EMT-P	Emergency Medical Technician-Paramedic
EPA	Environmental Protection Agency
EPCRA	Emergency Planning and Community Right to Know Act
ERG	Emergency Response Guidebook
ERP	Emergency Response Planning
FAST	Firefighter Assist and Search Team
FBI	Federal Bureau of Investigation
FCC	Federal Communications Commission
FD	Fire Department
FEMA	Federal Emergency Management Agency
FFFP	Fluoroprotein Film-Forming Foam
FXCO	Fairfax County
FRD	Fire and Rescue Department
GEDAPER	Gather information, Estimate potential, Determine goals, Assess tactical Options, Plan, Evaluate, Review

G.O.	General Order
gpm	gallons per minute
HAZMAT	Hazardous Materials
HAZWOPER	Hazardous Waste Operations and Emergency Response
HCS	Hazard Communication Standard
HFT	Hydraulic Forcible Entry Tools
HIV	Human Immunodeficiency Virus
HMIS	Hazardous Materials Information System
HMRU	Hazardous Materials Response Unit (FBI)
HVAC	Heating, Ventilation, and Air Conditioning
IAFC	International Association of Fire Chiefs
IAFF	International Association of Fire Fighters
IAP	Incident Action Plan
IC	Incident Commander
ICS	Incident Command System
IC _{t50}	Incapacitating Concentration to 50 percent of the population, with “t” Representing time, usually expressed in minutes
IDLH	Immediately Dangerous to Life and Health
IDR	Instant Detection and Response
IFSAC	International Fire Service Accreditation Congress
IM	Intermodal
IMS	Incident Management System
IR	Infrared

IRS	Internal Revenue Service
ISC	Industrial Scientific Corporation
kPa	Kilopascals
L/min	Liters per minute
LC ₅₀	Lethal Concentration to 50 percent of the population
LCt ₅₀	Lethal Concentration to 50 percent of the population, with “t” Representing time, usually expressed in minutes
LD ₅₀	Lethal Dose to 50 percent of the population
LEL	Lower Explosive (flammable) Limit
LEPC	Local Emergency Planning Committee
LOCAL2068	Local IAFF Union for Fairfax County
LOX	Liquid Oxygen
LSA	Low Specific Activity (radiation)
LUST	Leaking Underground Storage Tank
MCI	Mass Casualty Incident
MOS	Metal Oxide Sensor
mph	miles per hour
MSA	Mine Safety Appliances
MSDS	Material Safety Data Sheet
MSV	Mobile Support Vehicle
NBC	Nuclear, Biological, and Chemical
NBFU	National Board of Fire Underwriters
NENA	National Emergency Number Association

NFA	National Fire Academy
NFIRS	National Fire Incident Reporting System
NFPA	National Fire Protection Association
NHT	National Hose Thread
NIOSH	National Institute for Occupational Safety and Health
NOS	Not Otherwise Specified
NP	Nozzle Pressure
NPL	National Priority List
NPQB	National Professional Qualifications Board
NR	Nozzle Reaction
NRC	National Response Center
NST	National Standard Thread
OPA90	Oil Pollution Act
ORM-D	Other Regulated Material, Class D
OS&Y	Outside Stem and Yoke valve
OSHA	Occupational Safety and Health Administration
P	Polymerization hazard
PAR	Personnel Accountability Report
PASS	Personal Alert Safety System
PDD 39	Presidential Decision Directive 39
PEL	Permissible Exposure Limit
PFD	Personal Flotation Device
PG I, II, III	Packing Group I, II, or III

PID	Photo-Ionization Detector
PIH	Poison Inhalation Hazard
PIO	Public Information Officer
PNS	Peripheral Nervous System
PPE	Personal Protective Equipment
ppm	parts per million
PPV	Positive Pressure Ventilation
PSA	Public Service Announcements
PSAP	Public Safety Answering Point
PSCC	Public Safety Communication Center (Fairfax Co)
psi	pounds per square inch
psia	pounds per square
psig	pounds per square inch gauge
PVC	Polyvinyl Chloride
R&I	Recognition and Identification
RAID	Rapid Assessment and Initial Detection (team)
RCRA	Resource Conservation and Recovery Act (EPA)
RECEO	Rescue, Exposures, Confinement, Extinguishment, Overhaul
REL	Recommended Exposure Limit
REVAS	Rescue, Exposures, Ventilation, Attack and Salvage
RIT	Rapid Intervention Team
RQ	Reportable Quantity
SADT	Self-Accelerating Decomposition Temperature

SAR	Supplied Air Respirator
SARA	Superfund Amendments and Reauthorization Act
SBIMAP	South Baltimore Industrial Mutual Aid Plan
SCA	Surface Contaminated Articles (radiation)
SCBA	Self-Contained Breathing Apparatus
SERC	State Emergency Response Committee
SETIQ	Emergency Transportation System for the Chemical Industry
SOG	Standard Operating Guide
SOP	Standard Operating Procedures
SRS	Supplemental Restraint Systems
SSP	Standard Sprinkler Pendent
SSU	Standard Sprinkler Upright
STCC	Standard Transportation Commodity Code
STEL	Short-Term Exposure Limit
TC	Transportation Canada
TEU	Technical Escort Unit
TIA	Tentative Interim Amendment
TLV	Threshold Limit Value
TOFC	Trailers On Flat Cars
TOG	Turnout Gear
TPP	Thermal Protective Performance
TRACEM	Thermal, Radiation, Asphyxiation, Chemical, Etiological, and Mechanical Hazards
UEL	Upper Explosive (flammable) Limit

UN/NA	United Nations/North America
UPS	Uninterruptible Power Supply
USAR	Urban Search and Rescue (team)
USFA	United States Fire Administration (FEMA)
UST	Underground Storage Tank
UV	Ultraviolet
VFIRS	Virginia Fire Incident Reporting System
VTR	Violent Tank Rupture
WIV	Wall Indicator Valve
WMD	Weapons of Mass Destruction