

WMD M&S Abbreviations/Acronyms

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2 PAM CI
3DHZD

pralidoxime chloride
Three Dimensional Chemical Hazard (model)

A

AAAV	Advanced Amphibious Assault Vehicle
AARS	Advanced Airborne Radiac System
ABO	Agent of Biological Origin
AC	hydrogen cyanide (blood agent)
ACAA	Automatic Chemical Agent Alarm
ACADA	Automatic Chemical Agent Detector (M22)
ACAMS	Automatic Chemical Agent Monitoring System
ACES	Air Force Command Exercise System
Ach	acetylcholine
ACOM	Atlantic Command
ACPLA	agent containing particle per liter of air
ACPM	Aircrew Protective Mask
ACTD	Advanced Concept Technology Demonstration
ADAPT	Atmospheric Data Assimilation and Parameterization Tool (model)
ADASHI	Automated Decision-Aid System for Hazardous Incidents
ADRG	ARC Digitized Raster Graphics (NIMA product)
ADRI	ARC Digitized Raster Imagery (NIMA product)
ADS	Area Detection System
AEL	Airborne Exposure Limit (also Adverse Effect Level)
AERP	Aircrew Eye/Respiratory Protection
AFAMS	Air Force Agency for Modeling and Simulation
AFIP	Armed Forces Institute of Pathology
AFJMAN	Air Force Joint Manual
AFMAN	Air Force Manual
AFMS	Air Force Medical Service
AFRRI	Armed Forces Radiobiology Research Institute
AI	Artificial Intelligence
AICPS	Advanced Integrated Collective Protective System
AIDET	Aircraft Interior Detector
AIRFLOS	computational fluid dynamics (CFD) model
AIRSIM	environment model
AIT	Aeromedical Isolation Team
ALAD	Automatic Liquid Agent Detector
ALOHA	Areal Location of Hazardous Atmospheres (model)
AMAD	Automatic Mustard Agent Detector
AMC	U.S. Army Materiel Command
AMEDDC&S	Army Medical Department Center and School
AMSO	Army Model and Simulation Office
AN/PDR-75	radiac set
AN/PDR-77	radiac set
AN/UDR-13	"pocket" radiac set
AN/VDR-13	compact, digital whole body radiation meter
AN/VDR-2	portable dose-rate gamma/beta radiation meter
ANG	Air National Guard
ANN	artificial neural network
AO	area of operations
AOR	area of responsibility

APOD	aerial port of debarkation
APOE	aerial port of embarkation
ARAC	Atmospheric Release Advisory Capability
ARL	Army Research Laboratory
ARNG	Army National Guard
ARR	aerial radiological recon
ASA(ALT)	Assistant Secretary of the Army for Acquisition, Logistics & Technology
ASA(RDA)	Assistant Secretary of the Army for Research, Development and Acquisition
ASBREM	Armed Services Biomedical Research Evaluation and Management
ASCC	Air Standardization Coordinating Committee
ASD(HA)	Assistant Secretary of Defense for Health Affairs
ASD(SO/LIC)	Assistant Secretary of Defense for Special Operations and Low-Intensity Conflict
AT/FP	antiterrorism/force protection
ATD	Advanced Technology Demonstration
ATH	Air Transportable Hospital
ATP	adenosine triphosphate
ATRv6	Air Transport of Radiation, version 6 (model)
ATSD(NCB)	Assistant to the Secretary of Defense for Nuclear and Chemical and Biological Defense Programs
AURA	Army Unit Resiliency Analysis (model)
AVIP	Anthrax Vaccine Immunization Program
AVOG	Aviation Overgarment
AWE	Advanced Warfighting Experiment

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<i>B. anthracis</i>	<i>Bacillus anthracis</i> (anthrax)
<i>B. mallei</i>	<i>Burkholderia mallei</i> (glanders)
BACTRACK	expert system
BAL	British anti-Lewisite (dimercaprol)
BAWS	Biological Advanced Warning System
BBS	Brigade Battle Simulation (model)
BD	biological detector (also, biological defense)
BDO	Battledress Overgarment
BDRP	Biological Defense Research Program
BDT	Long Range - Biological Standoff Detection System (LR-BSDS) Distributed Trainer (simulator)
BDU	Battledress Uniform
BG	<i>Bacillus globigii</i>
BIDS	Biological Integrated Detection System
BioStrike-2	biological effects assessment model
BL	Biosafety Level
B-NICE	biological, nuclear, incendiary, chemical, and explosives
BNT0	Battlefield Nuclear Targeting Optimized (model)
BoNT	Botulinum neurotoxin
BoNT/A	Botulinum neurotoxin A
BoNT/B	Botulinum neurotoxin B
BuChE	butyrylcholinesterase
BVO/GVO	black vinyl overboot/green vinyl overboot
BW	biological warfare
BWC	Biological Weapons Convention
BWD	biological warfare defense
BZ	incapacitating agent

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C	average concentration of an agent in the atmosphere (also, Celsius)
<i>C. burnetii</i>	<i>Coxiella burnetii</i> (Q fever)
C/B-RRT	Chemical Biological Rapid Response Team
C ²	command and control
C ³	command, control, and communications
C ⁴ I	command, control, communication, computer, and intelligence
CA	commodity area (also, bromobenzylcyanide - riot control agent)
CA/D	chemical activity/depot
CAA	Center for Army Analysis
CABIN	Cellular Automa Based Infiltration (model)
CACC	cargo aircraft contamination control
CADARS	Chemical Agent Deposition Analysis for Rotocraft Surfaces (model)
CADRG	Compressed ARC Digitized Raster Graphics (NIMA product)
CADS	Chemical Agent Detection System (Canadian)
CaE	carboxylesterase
CAI	Chemical (Surety Material) Accident or Incident
CAIRA	chemical accident and incident response and assistance
CAM	Chemical Agent Monitor (also, commodity area manager)
CAMEO	Computer Aided Management of Emergency Operations (model)
CAMSIM	Chemical Agent Monitor Simulator
CANA	Convulsant Antidote, Nerve Agent autoinjector (diazepam)
CANE	Combined Arms in a Nuclear/Chemical Environment
CAPDS	Chemical Agent Point Detection System
CAPS-CT	Counterproliferation Analysis & Planning System Counter Terrorism (model)
CARC	Chemical Agent Resistant Coating
CARDS	Chemical Agent Remote Detection System
CASCAD	Canadian Aqueous System for Chemical-Biological Agent Decontamination
CASEST	Casualty Estimation (model)
CASTFOREM	Combined Arms and Support Task Force Evaluation Model
CatOx	catalytic oxidation
CATS	Consequences Assessment Tool Set (model)
CAWM	Chemical Agent Water Monitor
CB	chemical and biological (also C/B)
CBAT	Chemical Biological Augmentation Team
CBAWM	Chemical Biological Agent Water Monitor
CBD	chemical and biological defense
C _t	vapor dosage
CBD-IMPACT	Chemical Biological Defense, Integrated Meteorological Prediction & Contaminant Transport (model)
C/B-RRT	Chemical Biological Rapid Response Team
CB ModSAF	Chemical/Biological Modular Semi-Automated Forces
CBDP	Chemical/Biological Defense Program
CBIAC	Chemical and Biological Defense Information Analysis Center
CBIRF	Chemical Biological Incident Response Force
CBIS	CB Individual Sampler
CBM&S	chemical/biological modeling & simulation
CBMS	Chemical Biological Mass Spectrometer
CBNP	chemical biological non-proliferation
CBPS	Chemical Biological Protective Shelter
CBR	chemical, biological, and radiological
CBR-D	chemical, biological, radiological defense
CBRNC	chemical, biological, radiological & nuclear countermeasures
CBS	Corps Battle Simulation
CBSD	Chemical Biological Stand-off Detector
CBW	chemical and biological warfare

CBW-CFX	Chemical and Biological Warfare - CFX (model)
CCA	contamination control area
CCD	camouflage, concealment, and deception
CCIR	commander's critical information requirements
CCL	contamination control line
CCP	casualty collection point
CCSL	Canopy flow Coupled to Surface Layer flow (model)
CCST	Chemical Casualty Site Team
CCT	contamination control teams (also, Chemical Biological Mass Spectrometer Classroom Trainer (simulator))
CDAE	Chemical Defense Aircrew Ensemble
CDC	Centers for Disease Control and Prevention (also Casualty Decontamination Center)
CDE	chemical defense equipment
CDM	chemical downwind message
CDR	commander
CDTF	Chemical Defense Training Facility (U.S. Army Chemical School)
CEES	half mustard (2-chloroethyl ethyl sulfide)
CEGL	Continuous Exposure Guidance Level
CEM	Concept Evaluation Model
CENTCOM	Central Command
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESM	Chemical Environment Survivability Mask
CESS	Chemical Environment Survivability Suit
CF	correlation factor
CFD	computational fluid dynamics
CFM	cubic feet per minute
CFX	CFD code
CG	phosgene (choking agent)
CGF	computer generated forces
cGy	centiGray (radiation measurement)
cGyph	centiGray per hour
CHAMP	Chemically/biologically Hardened Air Management Plant
CHAS	Chemical Hazard Assessment System (model)
CHATH	Chemically/Biologically Hardened Air Transportable Hospital
ChE	cholinesterase
CHEMCASIII	Chemical Casualty III (model)
CHRNEM	Combined Human Response Nuclear Effects Model
CI	combat ineffective
CIA	Central Intelligence Agency
CIB	Controlled Image Base (NIMA product)
CIBADS	Canadian Integrated Biological/chemical Agent Detection System
CINC	Commander-in-Chief
CINCCENT	Commander-in-Chief Central Command
CINCPAC	Commander-in-Chief Pacific Command
CJCS	Chairman of the Joint Chief of Staff
CK	cyanogen chloride (blood agent)
CM	chloroform-methanol (also, consequence management)
CMAQ	Community Multiscale Air Quality Modeling System (Models-3)
CMR	chloroform-methanol residue
CMTC	Combat Maneuver Training Center
CMU	Crisis Management Unit (FBI)
CN	chloroacetophenone (riot control agent)
CNS	central nervous system
CNTR	Center for Special Weapons Effects, NBC Threats, Technology Transfer & Resources (DTRA)

COA	course(s) of action
COAMPS	Coupled Ocean/Atmospheric Mesoscale Prediction System (model)
COBC	Chemical Officer Basic Course
CoM	consequence management
COMIS	Conjunction Of Multi-zone Infiltration Specialist (model)
COMMZ	communications zone
COMPASS	Common Operational Modeling, Planning, and Simulation Strategy
CoMPIO	Consequence Management Program Integration Office
COMPTUEX	composite training unit exercise
CONOPS	concept of operations
CONTAIN	hazard prediction model
CONUS	continental United States
CORES	Consolidated Radiation Exposure System (model)
COTS –	commercial off-the-shelf
CP	chemical protective (also, collective protection, counterproliferation, or command post)
CP DEPMEDS	Chemically Protected Deployable Medical System
CPCA	contaminated payload control area
CPE	Collective Protection Equipment
CPFC	Chemical Protective Footwear Cover
CPO	Chemical Protective Overgarment
CPRC	Counterproliferation Program Review Council
CPRP	Chemical Personnel Reliability Program
CPS	Collective Protection System
CPU	Chemical Protective Undergarment
CR	dibenz-(b,f)-1,4-oxazepine (riot control agent)
CS	O-chlorobenzlidene malononitrile (riot control agent)
CSEPP	Chemical Stockpile Emergency Preparedness Program
CSI	Chemical Surety Inspection
CSST	Chemical Casualty Site Team
CSSTSS	Combat Service Support Training Simulation System
Ct	concentration times time (also counterterrorism)
CTC	Combat Training Center
CTMS	Chemistry Transport Modeling System
CTR	Cooperative Threat Reduction
CTS	Casualty Training System
CU	contaminated unit
CVC	combat vehicle crewmen
CVIP	Chemical Vision Implementation Plan
CW	chemical warfare
CWA	chemical warfare agent
CWC	Chemical Weapons Convention
CWCIWG	Chemical Weapons Convention Implementation Working Group
CWDD	Chemical Warfare Directional Detector (AN/KAS-1A)
CWICS	Chemical Weapons Interior Compartment System
CWNAVSIM	Chemical Warfare Naval Simulation
CWTSAR	Chemical Warfare Theater Simulation of Airbase Resources
CX	phosgene oxime (blister agent)

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D2PC	hazard prediction model
DA PAM	Department of the Army Pamphlet
DA	diphenylchlorarsine (vomiting agent)
DAAMS	Depot Area Air Monitoring System
DAB	Defense Acquisition Board
DAD	detailed aircraft decon

DANC	Decontaminating Agent, Non-Corrosive
DAP	Decontaminating Apparatus, Portable
DARE	Data Archival and Retrieval Enhancement program (DTRA)
DARPA	Defense Advanced Research Projects Agency
DATSD (CP/CBD)	Deputy Assistant to the Secretary of Defense for Counterproliferation and Chemical/Biological Defense
DC	diphenylcyanoarsine (vomiting agent)
DCSOPS	U.S. Army Deputy Chief of Staff for Operations
DCW	Digital Chart of the World (NIMA product)
DDR&E	Director, Defense Research and Engineering
DED	detailed equipment decon
DEM	Digital Elevation Model (USGS product) (also, diethyl malonate - simulant)
DEPMEDS	Deployable Medical Systems
DERP	disposable eye respiratory protection
DEST	Domestic Emergency Response Team
DFAD	Digital Features Analysis Data (NIMA product)
DHHS	Department of Health and Human Services
DIA	Defense Intelligence Agency
DIICOE	Defense Information Infrastructure Common Operating Environment
DIS	Distributed Interactive Simulations
DISA	Defense Information Systems Agency
DKIE	Decontamination Kit, Individual Equipment
DLG	Digital Line Graph (USGS product)
DM	adamsite (diphenylaminochloroarsine - vomiting agent)
DMMP	dimethyl methyl phosphonate (simulant)
DMSO	Defense Modeling and Simulation Office
DNBI	disease and non-battle injury
DNC	Digital Nautical Chart (NIMA product)
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOF	degrees of freedom
DOJ	Department of Justice
DOMS	Director of Military Support
DON	Department of the Navy
DOS	Department of State
DOT	Department of Transportation
DP	diphosgene (choking agent)
DPE	Demilitarization Protective Ensemble
DPG	Defense Planning Guidance (also Dugway Proving Grounds)
DPIE	Decontamination Packet, Individual Equipment (M295)
DPST	Disaster Preparedness Support Teams
DRB	Defense Review Board (also, Defense Resources Board, or Division Ready Brigade)
DRES	Defence Research Establishment Suffield (Canada)
DRI	Defense Reform Initiative
DROPFATE	Droplet Fate (model)
DROPGEN	Droplet Generation (model)
DS2	Decontamination Solution 2
DT/OT	developmental/operational testing
DTAP	Defense Technology Area Plan
D _{tb}	turnback dose
DTED	Digital Terrain Elevation Data (NIMA product)
DTLOMS	Doctrine, Training, Leader Development, Organization, Material, and Soldier/Personnel
DTO	Defense Technology Objective

DTOP	Digital Topographic Data (NIMA product)
DTRA	Defense Threat Reduction Agency
DTRA(CB)	Defense Threat Reduction Agency's Chemical and Biological Defense Directorate
DU	depleted uranium
DYNAFLOW	environment model

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<i>E. coli</i>	<i>Escherichia coli</i>
ECBC	Edgewood Chemical & Biological Center
ECt	effective dosage of an aerosol
ED	ethyl dichlorarsine (blister agent)
ED50	median effective dose
EDM	effective downwind message
EEE	Eastern Equine Encephalomyelitis
EEG	electroencephalographic
EEGL	Emergency Exposure Guidance Level
EIS/GEM	Emergency Information System/Global Emergency Management
ELISA	Enzyme-Linked Immunosorbent Assay
EMD	engineering and manufacturing development
EMP	electromagnetic pulse
EMS	Emission Modeling System (also Emergency Medical Services)
ENCOMPASS	Enhanced Consequence Management Planning and Support System
EOD	explosive ordnance disposal
EOP	Emergency Operations Plan
EPA	Environmental Protection Agency
ERT	emergency response teams
ESF	Emergency Support Functions
EUCOM	European Command
EXCIMS	Executive Council for Modeling and Simulation

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F1	Fraction 1 antigen of <i>Y. Pestis</i>
F1-V	Fraction 1-"V" antigen of <i>Y. Pestis</i>
Fab	fragment antigen binding
FAS/CIVIC	Fatality Assessment System/Civilian Indicator Code
FAST3D-CT	FAST3D Contaminant Transport (model)
FBI	Federal Bureau of Investigation
Fc	Fragment Crystallizable
FCBC	Field Management of Chemical and Biological Casualties Course
FDECU	Field Deployable Environmental Control Unit
FDTE	force development testing and experimentation
FEM3C	environment model
FEMA	Federal Emergency Management Agency
FEST	Foreign Emergency Response Team
FLAPS	Flourescence Aerodynamic Particle Sizer (Canadian)
FLEETEX	Fleet Exercise
FM	Field Manual
FMC	Field Medical Card
FMFM	Fleet Marine Force Manual
FOM	Federation Object Model
FOMET	Fallout Meteorological Message
FORCEM	Force Evaluation Model
FORSCOM	U.S. Army Forces Command
FOX	M93A1 Nuclear, Biological, Chemical Reconnaissance System (NBCRS)

FR	flame resistance
FRP	Federal Response Plan
FY	fiscal year
FYDP	Future Years Defense Plan

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GA	tabun (nerve agent)
GAO	General Accounting Office
GASFLOW	CFD model
GB	sarin (nerve agent)
GC	gas chromatography
GD	soman (nerve agent)
GF	cyclo-sarin (nerve agent)
GIS	geographic information system
gm/L	grams per liter
GOTS	government-off-the-shelf
GPFU	Gas Particulate Filter Unit
GPM	gallons per minute
GPS	Global Positioning System
GRIDGEN	hazard prediction model
GRR	ground radiological recon
GUI	graphical user interface
GZ	ground zero

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H	mustard (blister agent)
HASCAL	Hazard Assessment System for Consequence Analyses (model)
HAZCB	hazard prediction model
HAZMAT	hazardous materials
HAZWARN	NBC Hazardous Warning System
HAZWOPR	hazardous waste operations and emergency response
hBuChE	Human Butrylcholinesterase
hCaE	Human Carboxylesterase
HD	distilled mustard (blister agent)
HEPA	high efficiency particulate
HFE	human factors engineering
HHA	Hand Held Immunochromatographic Assays
HIGRAD	environment model
HL	mustard/lewisite mixture (blister agent)
HLA	High-Level Architecture
HMMWV	High Mobility Multipurpose Wheeled Vehicle
HMRU	Hazardous Materials Response Unit (FBI)
HN	host nation
HN-1	nitrogen mustard (blister agent)
HN-2	nitrogen mustard (blister agent)
HN-3	nitrogen mustard (blister agent)
HNS	host nation support
HOB	height of burst
HOTMAC	High Order Turbulence Model for Atmospheric Circulation
HPAC	Hazard Prediction and Assessment Capability (model)
HRT	Hostage Rescue Team (FBI)
HRW	High Resolution Winds (model)
HSC/YA	Human Systems Program Office
HTA	high threat area
HTH	high test hypochlorite

HYPACT environment model

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IAC Information Analysis Center
 IAEA International Atomic Energy Agency
 IBAD Interim Biological Agent Detector
 ICAD Individual Chemical Agent Detector
 ICAM Improved Chemical Agent Monitor
 ICBPG Improved Chemical-Biological Protective Gloves
 ICDS Improved Chemical Detection System
 ICPE Individual Chemical Protective Equipment
 ICt₅₀ median incapacitating dosage of a chemical agent vapor or aerosol
 ID incapacitating dose (also, inside dose rate)
 ID₅₀ median incapacitating dosage of a liquid chemical agent
 IDK Individual Decon Kit (M258A1 or M291)
 IDLH immediate danger to life and health
 IET Initial Entry Training
 IL interleukin
 IL CBDWS In-Line Chemical Biological Defense Water System
 IM intramuscular
 IMEA Integrated Munitions Effectiveness Analysis (expert system)
 IMPRINT Improved Performance Research Integration Tool (model)
 IMS ion mobility spectroscopy
 IP intraperitoneal
 IPDS Improved (chemical) Point Detection System
 IPE – Individual Protective Equipment
 IPM-TLVs Inhalable Particulate Mass-Threshold Limit Values
 IPT Integrated Product Team
 IR&D Independent Research & Development
 IR-LIDAR Infrared Light Detection and Ranging
 ISD Individual Soldier Detector
 ITAP Improved Toxicological Agent Protective Ensemble
 ITD Interim Terrain Data (NIMA product)
 IV&V independent verification and validation
 IVD Individual Vapor Detector

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JACADS Johnston Atoll Chemical Agent Destruction System
 JACE Joint Assessment of Catastrophic Events (model)
 JANUS ground combat simulation
 JAWG Joint Assessment Working Group
 JBPDS Joint Biological Point Detection System
 JBREWS Joint Biological Remote Early Warning System
 JBSDS Joint Biological Standoff Detection System
 JBUD Joint Biological Universal Detector
 JCAD Joint Chemical Agent Detector
 JCATS Joint Conflict and Tactical Simulation
 JCBAWM Joint Chemical Biological Agent Water Monitor
 JCBUD Joint Chemical and Biological Universal Detector
 JCHEMRATES Joint Chemical Defense Equipment Consumption Rates
 JCPE Joint Collective Protection Equipment
 JCRS Joint Canteen Refill System
 JCS Joint Chiefs of Staff
 JFIRE Joint CB Protective Firefighter Suit
 JFOC Joint Future Operational Capabilities

JFT	Joint Field Trail
JLASS	Joint Land, Aerospace, and Sea Simulation
JLNBCRS	Joint Services Lightweight NBC Recon System
JMANS	Joint Multimission Advanced NBC System (ACTD)
JMAR	Joint Medical Asset Repository
JMCBDRP	Joint Medical Chemical and Biological Defense Research Program
JMCDRP	Joint Medical Chemical Defense Research Program
JMNS	Joint Mission Need Statement
JMTK	Joint Mapping Tool Kit
JNBCDB	Joint NBC Defense Board
JNTF	Joint National Test Facility
JORD	Joint Operational Requirements Document
JPACE	Joint Protective Aircrew Ensemble
JPO-BD	Joint Program Office for Biological Defense
JRCAB	Joint Readiness Clinical Advisory Board
JROC	Joint Requirements Oversight Council
JRTC	Joint Readiness Training Center
JSAM	Joint Service Aviation Mask
JSCBIS	Joint Service Chemical Biological Information System
JSGPM	Joint Service General Purpose Mask
JSIG	Joint Service Integration Group
JSIMS	Joint Simulation System
JSLIST	Joint Service Lightweight Integrated Technology (individual protection)
JSLNBCRS	Joint Service Light NBC Reconnaissance System
JSLSCAD	Joint Service Lightweight Stand-off Chemical Agent Detector
JSMG	Joint Service Materiel Group
JSMLT	Joint Service Mask Leakage Tester
JSNBCRS	Joint Service NBC Reconnaissance System
JSTPCBD	Joint Science and Technology Panel for Chemical/Biological Defense
JSWILD	Joint Service Warning and Identification LIDAR Detector
JTASC	Joint Training and Analysis Center
JTAV	Joint Total Asset Visibility
JTCG	Joint Technology Coordinating Group
JTCOPS	Joint Transportable Collective Protection System
JTF	Joint Task Force
JTPCBD	Joint Technology Panel for Chemical and Biological Defense
JVAP	Joint Vaccine Acquisition Program
JWARN	Joint Warning and Reporting Network
JWARS	Joint Warfare System
JWFC	Joint Warfighting Center
JWSTP	Joint Warfighting S & T Plan

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KMPH	kilometers per hour
kt	kilotons

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L –	lewisite (blister agent)
LANL	Los Alamos National Laboratory
LCBPG	Lightweight CB Protective Garment
LCt ₅₀	median lethal dosage of a chemical agent vapor or aerosol
LD ₅₀	median lethal dosage of a liquid chemical agent
LDA	Lightweight Decontamination Apparatus
LDS	Lightweight Decontamination System
LEDA	light equipment decontamination area

LIDAR	Light Detection And Ranging
LL	latent lethality
LLNL	Lawrence Livermore National Laboratory
LLR	low level radiological (or low level radiation)
LMS	Lightweight Multipurpose Shelter
LNBCRS	Light NBC Reconnaissance System
LOAEL	Lowest-Observed Adverse Effect Level
LODI	Lagrangian Operational Dispersion Integrator (model)
LR-BSDS	Long-Range Biological Stand-off Detection System
LSCAD	Lightweight Stand-off Chemical Agent Detector
LSCD	Laser Stand-off Chemical Detector
LSD	least separation distance
LWRS	Lightweight Reconnaissance System

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M&S	modeling and simulation
M&S CA	modeling and simulation commodity area
M&S R&D	modeling and simulation research and development
M11	Portable Decontaminating Apparatus (DS-2)
M13	Portable Decontaminating Apparatus
M17	Lightweight Decontamination System
M20A1	Simplified Collective Protection Equipment (SCPE)
M256	Chemical Agent Detector Kit
M258A1	Skin Decontamination Kit
M272	Water Testing Kit
M28	Simplified Collective Protection Equipment (SCPE)
M291	Skin Decontamination Kit
M295	Decontamination Packet, Individual Equipment (DPIE)
M34	Soil Sampling Kit
M40	NBC Protective Mask
M41	Protection Assessment Test System (PATS)
M43	NBC Protective Mask (to be replaced by M48)
M43A1	Chemical Agent Detector (part of M8A1)
M48	Chemical-Biological Aircraft Mask (for Apache helicopter aviators)
M8	Chemical Agent Detector Paper
M8A1	Automatic Chemical Agent Alarm System (M43A1 detector, M42 alarm)
M9	Chemical Agent Detector Paper
M93A1	Block I Modification Fox NBCRS
M93A1E2	Block II Modification Fox NBCRS
MACOM	major command
MAGTF	Marine Air Ground Task Force
MAJCOM	major command
MALDI	Matrix-Assisted Laser Desorption Ionization
MANAA	Medical Aerosolized Nerve Agent Antidote
MANPRINT	Manpower and Personnel Integration
MANSCEN	Maneuver Support Center (Ft. Leonard Wood, MO)
MASIF	Mobile Atmospheric Sampling & Identification Facility (Canadian)
MASINT	Measures & Signatures Intelligence
MAT	Medical Augmentation Team
MBDRP	Medical Biological Defense Research Program
MCAT	Medical Chemical Advisory Team
MCBAT	Medical Chem-Bio Advisory Team
MCBC	Management of Chemical and Biological Casualties Course
MCHT	Modular Chemically Hardened Tent
MCPE	Modular Collective Protection System
MCU-2A/P	a chemical protective mask

MCWP	Marine Corps Warfighting Publication
MD	methyl dichlorarsine
MDS	Modular Decontamination System
MDWHD	maximum downwind hazard distance
MEIR	medical effects of ionizing radiation
MEL	Master Environmental Library
MESO Eta	weather prediction model
MESO	Mesoscale Atmospheric Dispersion Code
METL	Mission Essential Task List
metL, thrA	methionine biosynthesis
METOC	meteorological and oceanographic
METRIC	effects assessment model
MEU	Marine Expeditionary Unit
MEV	million electron volts
MFR	Multi-Function Radiac Set
MGRS	Military Grid Reference System
MGX	MOPP gear exchange
MICAD	Multipurpose Integrated Chemical Agent Alarm
MIDAS-AT	Meteorological Information & Dispersion Assessment System Anti-Terrorism
MIL-STD	Military Standard
MINICAMS	miniature continuous air monitor
MM1	Mobile Mass Spectrometer
MM5	Fifth Generation Mesoscale Model
MMRS	Metropolitan Medical Response System
MMS	Meteorological Modeling System
MMST	Metropolitan Medical Strike Team
MNDRP	Medical Nuclear Defense Research Program
MNS	Mission Needs Statement
ModSAF	Modular Semi-Automated Forces (model)
MOE	measure of effectiveness
MOOTW	Military Operations Other Than War
MOPP	Mission Oriented Protective Posture
MOU	memorandum of understanding
MPH	miles per hour
MPS	Mission Performance Standard (also, Multipurpose Protective Sock)
MPSP	Medical Program Sub-Panel
MRMC	Medical Research and Materiel Command
MS	mass spectrometry
MSCA	Military Support to Civil Authorities
MSD	minimum safe distance (also, Military Support Detachment)
MSIAC	Modeling and Simulation Information Analysis Center
MSOSA	M&S Operational Support Activity
MSRR	Modeling and Simulation Resource Repository
mSv	milli Sieverts (radiation measurement)
MTF	medical treatment facility
MTMC	Military Traffic Management Command
MULO	Multi-purpose Overboot
murE	murein biosynthesis
MV	minute volume

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NAADS	Nerve Agent Antidote Delivery System
NAAK	Nerve Agent Antidote Kit
NAAS	Nerve Agent Antidote System
NAERG	North American Emergency Response Guidebook
NAI	named area of interest

NAIAD	Nerve Agent Immobilised enzyme Alarm and Detector (UK)
NAIRA	Nuclear Accident and Incident Response and Assistance
NAPP	Nerve Agent Pyridostigmine Pretreatment
NATO	North Atlantic Treaty Organization
NAV EDM	US Naval Effective Downwind Message
NBC	nuclear, biological, and chemical
NBC 1	Observer's Initial Report
NBC 2	Evaluated Data Report
NBC 3	Immediate Warning of Predicted Contamination Report
NBC 4	Reconnaissance, Monitoring and Survey Report
NBC 5	Actual Contaminated Areas Report
NBC 6	Detailed Information on Chemical/Biological Attack(s) Report
NBC CREST	Nuclear Biological and Chemical Casualty and Resource Estimation Support Tool
NBC WARNING	effects assessment model
NBC-ANALYSIS	Nuclear, Biological and Chemical Analysis (model)
NBC-CTS	Nuclear, Biological and Chemical Casualty Training System
NBCDT	NBC defense training
NBC-E	nuclear, biological, and chemical environment
NBC-PC	NBC Protective Covers
NBCRS	NBC Reconnaissance System
NBCRSE	NBC Retrograde Support Element
NBC-WARN	Nuclear, Biological and Chemical Warning & Reporting Network
NBCWP	NBC Defense Interservice Working Party
NBCWRS	NBC Warning and Reporting System
NCBR	nuclear chemical, biological and radiological (also NCBR environment simulator)
NDI	non-developmental item
NDMS	National Disaster Medical System
NDPO	National Domestic Preparedness Office (Department of Justice)
NEPMU	Navy Environmental and Preventative Medicine Unit
NF	normalizing factor
NGIC	National Ground Intelligence Center
NIEX	No-Notice Interoperability Exercise
NIGA	neutron-induced gamma activity
NIH	National Institute of Health
NIMA	National Imagery and Mapping Agency
NO	nitric oxide
NOAA	National Oceanic and Atmospheric Administration
NOAEL	No-Observed Adverse Effects Level
NOEL	No-Observed Effect Level
NOGAPS	Navy Operational Global Atmosphere Prediction System
NRL	Naval Research Laboratory
NSA	National Security Agency
NSN	national stock number
NSWC-DD	Naval Surface Weapons Center-Dahlgren Division
NTA	novel threat agent
NTC	National Training Center
NTF	National Test Facility
NUSSE-4	Non-Uniform Simple Surface Evaporation (model)
NWE	nuclear weapons effects
NWP	Naval Warfare Publication

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O&M	operations & maintenance
OBOD	Open Burn/ Open Detonation Model

OCF	overall correlation factor
OCONUS	outside continental United States (outside contiguous United States)
OD	outside dose rate
OEG	Operational Exposure Guidance
OEP	Office of Emergency Preparedness (Department of Health and Human Services)
OG	Overgarment
OMEGA	Operational Multi-scale Environment model with Grid Adaptivity
OPCW	Organization for the Prohibition of Chemical Weapons
OPLAN	operations plan
OPORD	operations order
OPR	office of primary responsibility
OPSEC	operations security
OPTEMPO	operational tempo
ORCA	Operational Requirement-based Casualty Assessment (model)
ORD	Operational Requirements Document
ORNL	Oak Ridge National Laboratory
OSD	Office of the Secretary of Defense
OSM3	oximeter instrument
OT	operational testing
OT&E	operational test and evaluation
OTSG	Office of the Surgeon General
OUSD (A&T)	Office of the Under Secretary of Defense for Acquisition and Technology

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P3I	Pre-Planned Product Improvement
PACAF	Pacific Command
PACHEM	Point Area Chemical Effects Model
PACOM	Pacific Command
PARACOMPT	Parametric Analysis of Respiratory Agents Considering
PATS	M41 Protective Assessment Test System
PB Tabs	Pyridostigmine Bromide Tablets (nerve agent pre-treatment)
PCPS	Portable Collective Protection System
PCR	polymerase chain reaction
PD	phenyldichlorarsine (blister agent,; also, performance decrement)
PDA	Portable Decontamination Apparatus
PDDA	Power Driven Decontamination Apparatus
PDM	Program Decision Memorandum
PDRR	Program Definition and Risk Reduction
PDU	Protocol Data Unit
PE	Program Element
PEGEM	Post-Engagement Ground Effects Model
PEL	Permissible Exposure Limit
PHA	preliminary hazard analysis
PHL	Preliminary Hazards List
PIP	Product Improvement Program
PIR	priority intelligence requirements
PL 103-160	Public Law 103-160, The National Defense Authorization Act of FY94
PMCD	Program Manager for Chemical Demilitarization
PMO	Product Management Office
POC	point of contact
POD	port of debarkation
POE	port of embarkation
POL	petroleum, oil, and lubricant
POM	Program Objectives Memorandum
PORTSIM	Port Simulation Model
PPE	Personal Protective Equipment

ppm parts per million
 PPW Patient Protective Wraps
 PRG Program Review Group
 PROFIS Medical NBC Professional Filler Course
 PSA pressure swing adsorption
 PVD plan view display

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QDR Quadrennial Review
 QNFT quantitative fit testing
 QRR Qualitative Research Requirements
 QSTAG Quadripartite Standardization Agreement
 QWG Quadripartite Working Group

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R&D Research and Development
 R&S reconnaissance and surveillance
 RAC Risk Assessment Code
 RAD radiation absorbed dose
 RADIAC radiation detection, indication, and computation
 RAMS Regional Atmospheric Modeling System
 RAPTAD RAndom Puff Transport and Dispersion (model)
 RASCAL Radiological Hazard Assessment System for Consequence Analyses
 RBC-AchE red blood cell acetylcholinesterase
 RBC-ChE red blood cell cholinesterase
 RC Reserve Component
 RCA riot control agent
 RDA Research, Development, and Acquisition
 RDTE (Also, RDT&E) Research, Development, Test and Evaluation
 RES Radiation Exposure Status
 RESRAD-BUILD RESidual RADioactivity (model)
 RestOps restoration of operations
 RMC Regional Medical Commands
 ROE rules of engagement
 ROTA release other than attack
 RRIS Rapid Response Information System (FEMA)
 RSCAAL M21 Remote Sensing Chemical Agent Alarm
 RSTA reconnaissance, surveillance, and target acquisition
 R_{tb} turnback dose rate
 RTSP Reactive Topical Skin Protectant
 RV radius of vulnerability
 RW radiological/nuclear warfare

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S&T science & technology
 S/W software
 SACPS Selected Area Collective Protection System
 SAF Semi-Automated Forces
 SAFEGUARD Scanning Airborne Fourier Emission for Gaseous Ultraspectral Analysis and Radiometric Detection
 SAG Study Advisory Group
 SALAD Shipboard Automatic Liquid Agent Detector
 Saratoga – a CB protective overgarment
 SAW surface acoustic wave
 SBA Simulation Based Acquisition

SBCCOM	Solider, Biological and Chemical Command (U.S. Army)
SCALP	Suit Contamination Avoidance Liquid Protection
SCAMP	Shipboard Chemical Agent Monitor Portable
SCBA	self contained breathing apparatus
SCIPUFF	Second Order Closure Integrated Puff (model)
SCPE	Simplified Collective Protective Equipment (M20A1 or M28)
SCPS-2	Survival Chemical Protection System-2
SCUD	surface-to-surface missile system
SD	stand-off detector
SD/ASM	Stand-off Detector for Armor System Modernization
SDK	Skin Decontamination Kit
SDS	Sorbent Decontamination System
SE	staphylococcal enterotoxins
SEA	Staphylococcal enterotoxin A
SEB	Staphylococcal enterotoxin B
SEDRIS	Synthetic Environment Data Representation and Interchange Specification
SGXA	Air Force Surgeon General
SIMNET	Simulation Network
SIOC	Strategic Information and Operations Center (FBI)
SMART-CB	Special Medical Augmentation Response Team-Chemical/Biological
SMART-PM	Special Medical Augmentation Response Team-Preventative Medicine
SO/LIC	Special Operations and Low Intensity Conflict
SODMOD	Stand-Off Detector Model
SOF	Special Operations Forces
SOFCAS	Special Operation Forces Chemical Agent Detector
SOMCBD	Special Operations Modular CB Detector
SOP	standing operating procedure
SORTS	Status of Resources and Training System
SPOD	seaport of debarkation
SPOE	seaport of embarkation
SR-BSDS	Short Range - Biological Standoff Detection System
SRT	Specialty Response Team
STAFFS	Simulated Training and Analysis for Fixed Facilities/Sites
STANAG	Standard Agreement
STAR	System Threat Assessment Report
STB	Super Tropical Bleach
STEL	Short-Term Exposure Limit
STEPO	Self-contained Toxic Environment Protective Outfit
STEPO-I	Interim Self-contained Toxic Environment Protective Outfit
STO	Science and Technology Objective
STRICOM	U.S. Army Simulation, Training, and Instrumentation Command
STS	Specialty Training Standard
SWIFT	Stationary Wind Fit and Turbulence model

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T&E	test and evaluation
TA	Theater Army
TAACOM	Theater Army Area Command
TACWAR	tactical warfare
TAG	The Adjutant General
TAP	Toxicological Agent Protective boots and gloves
TARA	Technology Area Review and Assessment
TB	Technical Bulletin
TBM	Transportation of Biomedical Materials
TC	Training Circular
TD	toxic dose

TDA	Table of Distribution and Allowances
TDS	time, distance, and shielding
TEC	Topographic Engineering Center (U.S. Army)
TECH	casualty assessment model
TED	Troop Equivalent Dose
TEMPER	Tent Extendable Modular Personnel
TEU	Technical Escort Unit
TEWT	tactical exercise without troops
TF	transmission factor (also, task force)
TFA	toxic free area
TGD	thickened nerve agent GD
THREATCON	terrorist threat condition
TIC	toxic industrial chemical
TIH	toxic industrial hazard
TIM	toxic industrial material
TM	theater missile (also, Technical Manual)
TMD	theater missile defense
TPU	tank and pump unit
TRADOC	Training and Doctrine Command
TRANSCOM	Transportation Command
TREE	Transient Radiation Effect on Electronics
TSA	transition state analogue
TSG	The Surgeon General
TSP	Technical Support Working Group
TTD	Tactical Terrain Data (NIMA product)
TTP	tactics, techniques, and procedures
TWA	time-weighted average
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UAV	Unmanned Aerial Vehicle
UDM	Urban Dispersion Model
UN	United Nations
UNSCOM	United Nations Special Commission
USA	United States Army
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USACMLS	U.S. Army Chemical School
USAF	United States Air Force
USAMEDDC&S	U.S. Army Medical Department Center and School
USAMMA	U.S. Army Medical Materiel Agency
USAMMDA	U.S. Army Medical Materiel Development Activity
USAMRICD	U.S. Army Medical Research Institute of Chemical Defense
USAMRIID	U.S. Army Medical Research Institute of Infectious Diseases
USAMRMC	U.S. Army Medical Research and Materiel Command
USANCA	U.S. Army Nuclear and Chemical Agency
USAR	U.S. Army Reserve
USASOC	U.S. Army Special Operations Command
USC	United States Code
USCENTCOM	U.S. Central Command
USCG	U.S. Coast Guard
USD(A&T)	Undersecretary of Defense (Acquisition and Technology)
USFK	U. S. Forces, Korea
USG	United States Government
USMC	United States Marines Corps
USN	United States Navy
USSOCOM	U.S. Special Operations Command
USUHS	Uniformed Services University of the Health Sciences

UTM Universal Transverse Mercator
UVMap Vector Smart Map Urban (NIMA product)

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V&V verification and validation
VAT Vulnerability Analysis Tools
VB vapor B\barrier
VCA Voice Communication Adapter
VCF vehicle correlation factor
VCSA Vice Chief-of-Staff of the Army
VEE Venezuelan equine encephalomyelitis
VEHM Vehicle Weather Model
VERN Virtual Emergency Response Network
VERTS Virtual Emergency Response System
VIC Vector-In-Command (model)
VIG vaccinia immune globulin
VLSTRACK Vapor, Liquid, and Solid Tracking Model
VMap Vector Smart Map (NIMA product)
VPFRU Vapor Protective Flame Resistant Undergarment
VPG Virtual Proving Ground
VPGC Virtual Proving Ground Chamber
VPU Vapor Protective Undergarment
VTC video teleconference
VV&A verification, validation, and accreditation
VVS vehicles, vans and shelters
VX O-ethyl methyl phosphonothiolate (nerve agent)

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WARSIM 2000 Warfighters' Simulations
WASP Water quality Analysis Simulation Program
WEE Western Equine Encephalomyelitis
WG working group
WMD weapons of mass destruction
WOCCS Wind Over Complex Surfaces (model)
WRAIR Walter Reed Army Institute of Research
WRM war reserve materiel
WRSI War Reserves Secondary Items
WVS World Vector Shoreline (NIMA product)

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XBLAST External Blast (nuclear blast environment model)

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Y. pestis *Yersinia pestis* (Plague)
YAC Yet Another CHEMCAS (model)

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