

## Glossary

<b>1LT</b>	first lieutenant
<b>ACM</b>	air crew member
<b>AFB</b>	Air Force base
<b>AFFF</b>	aqueous film-forming foam
<b>AIT</b>	advanced individual training
<b>AL TRN</b>	alternate
<b>ammo</b>	ammunition
<b>amp</b>	ampere(s)
<b>AO</b>	area of operation
<b>approx</b>	approximately
<b>APU</b>	auxiliary power unit
<b>AR</b>	Army regulation
<b>ARFF</b>	aircraft rescue fire fighting
<b>ASG</b>	area support group
<b>ASP</b>	ammunition supply point
<b>ATM</b>	air turbine motor
<b>attn</b>	attention
<b>aux</b>	auxillary
<b>AVGAS</b>	aviation gasoline
<b>batt</b>	battery
<b>BB</b>	bare base
<b>BDOC</b>	base-defense operations center
<b>BL</b>	boom line
<b>BO</b>	base operability
<b>BS</b>	boom station
<b>BZ</b>	oksilidin

<b>C</b>	Celsius
<b>C<sup>2</sup></b>	command and control
<b>CA</b>	California
<b>CAIRA</b>	chemical accident or incident response and assistance
<b>CASP</b>	chemical ammunition supply point
<b>CB</b>	Halon 1301
<b>CBR</b>	chemical, biological, radiological
<b>cc</b>	cubic centimeter(s)
<b>CCD</b>	camouflage, concealment, and deception
<b>CCE</b>	commercial construction equipment
<b>cert</b>	certification
<b>cfm</b>	cubic foot (feet) per minute
<b>CFR</b>	Code of Federal Regulations
<b>CG</b>	phosgene
<b>chem</b>	chemical
<b>CK</b>	cyanogen chloride
<b>CL</b>	chlorine
<b>CN</b>	chloroacetophenome
<b>CNS</b>	central nervous system
<b>COB</b>	collocated operating base

**confinement** The procedures taken to keep a material in a defined or local area.

**containment** The actions taken to keep a material in its container, such as to stop a release of the material or reduce the amount being released.

**contaminant** A hazardous material that physically remains on or in people, animals, the environment, or equipment, thereby creating a continuing risk of direct injury or a risk of exposure outside of the hot zone.

**contamination** The process of transferring a hazardous material from its source to people, animals, the environment, or equipment, which may act as a carrier.

**control** The defensive or offensive procedures, techniques, and methods used in the mitigation of a HAZMAT incident, including containment, extinguishment, and confinement.

**control zones** The designation of areas at a HAZMAT incident based on safety and the degree of hazard. Many terms are used to describe the zones involved in a HAZMAT incident. For this manual, these zones are defined as the hot, warm, and cold zones.

**CONUS** continental United States

**CO<sub>2</sub>** carbon dioxide

**CP** command post

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<b>CPG</b>	co-pilot gunner
<b>CPR</b>	cardiopulmonary resuscitation
<b>CS</b>	O-chlorobenzylidene malononitrile
<b>CSA</b>	corps storage area
<b>CSG</b>	corps support group
<b>CTA</b>	common table of allowances
<b>ctr</b>	center
<b>CUCV</b>	commercial utility cargo vehicle
<b>CW</b>	chemical warfare
<b>CWDE</b>	chemical-warfare-defense equipment

<b>DA</b>	diphenylchloroarsine
<b>DA</b>	Department of the Army
<b>DC</b>	diphenylcyanoarsine
<b>DC</b>	District of Columbia

**decontamination** The physical and/or chemical process of reducing and preventing the spread of contamination from persons and equipment used at a HAZMAT incident.

**degradation** (1) A chemical action involving the molecular breakdown of protective-clothing material or equipment due to contact with a chemical. (2) The molecular breakdown of the spilled or released material to render it less hazardous during control operations.

<b>DD</b>	Department of Defense
<b>DDESB</b>	Department of Defense Explosives Safety Board
<b>dia</b>	diameter
<b>disag</b>	disengage
<b>disch</b>	discharge
<b>DM</b>	Diphenylaminochloroarsine
<b>DOD</b>	Department of Defense
<b>DODD</b>	Department of Defense directive
<b>DODI</b>	Department of Defense instruction
<b>DOT</b>	Department of Transportation
<b>DSA</b>	division support area

<b>ea</b>	each
<b>elec</b>	electrical/electric
<b>emer</b>	emergency

**EMS** emergency medical support

**eng** engineer

**enr** engineer

**environmental hazard** A condition capable of posing an unreasonable risk to air, water, or soil quality and to plants or wildlife.

**EOD** explosive-ordnance disposal

**EOR** explosive-ordnance reconnaissance

**EPC** electrical power center

**EPW** enemy prisoner of war

**ERDA** Energy Research and Development Administration

**et seq** and the following ones

**ext** exterior

**F** Fahrenheit

**FARP** forward arming resupply point

**FC-77** inert liquid

**FCC** fire communications center

**FEDS** flotation-equipment deployment system

**FEMA** Federal Emergency Management Agency

**first responders** Those personnel that are likely to witness or discover a HAZMAT release in the course of their normal duties, may be the first on the scene of an emergency involving HAZMATs. First responders are expected to recognize HAZMATs presence, protect themselves, call for trained personnel, and secure the area. In certain situations, first responders may be required to take actions to confine and contain spills. In a TO, the first responders will normally be the unit personnel that caused the material release or are responsible for the spill area.

**FL** Florida

**FM** titanium tetrachloride

**FM** field manual

**FOB** forward operating base

**fpm** foot (feet) per minute

**FPORI** fire-protection operational-readiness inspection

**FS** fuselage station

**FSS** fire-suppression system

**ft** foot (feet)

**FTX** field training exercise

**fus** fuselage

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<b>fwd</b>	forward
<b>G3</b>	Assistant Chief of Staff, G3 (Operations and Plans)
<b>gal</b>	gallon(s)
<b>GB</b>	sarin
<b>GCP</b>	gunner cockpit
<b>gen</b>	generator
<b>GPM</b>	gallon(s) per minute
<b>GRD</b>	ground
<b>GS</b>	general support
<b>GSA</b>	General Services Administration
<b>GTC</b>	auxiliary power unit

**H** levinstein mustard

**hazard/hazardous** Capable of posing an unreasonable risk to health, safety, or the environment capable of causing harm.

**HAZMAT** hazardous material: A substance (gas, liquid, or solid) in a quantity or form that may pose an unreasonable risk or is capable of causing harm.

<b>HC</b>	hexachloroethane
<b>HD</b>	distilled mustard
<b>HHC</b>	headquarters and headquarters company
<b>HMIS</b>	Hazardous Material Information System
<b>HN</b>	host nation
<b>HNS</b>	host-nation support
<b>HP</b>	horsepower
<b>HQ</b>	headquarters
<b>ht</b>	height
<b>HT</b>	mustard-T mixture
<b>HTH</b>	bleach-in-water solution
<b>htr</b>	heater
<b>HVAR</b>	high-velocity aircraft rocket
<b>HW</b>	hazardous waste

**ID** identification

**IFSTA** International Fire Service Training Association

**in** inch(es)

**inbd** inboard

**Inc** incorporated

**incident commander** The person responsible for all decisions relating to the management of the incident. The incident commander is in charge of the incident site. This individual will normally be the fire-fighting team HQ commander who has been trained in HAZMAT incidents. This individual may initially be the local commander who is responsible for the involved equipment, materials, or spill area until trained fire-fighting teams arrive at the site.

**info** information

**Intergovernmental Maritime Consultative Organization** Organization to consult in an emergency when an incident involves the release or potential release of HAZMATs, with or without fire.

**ISB** intermediate-support base

**ISBN** international standard book number

**JP** jet petroleum

**km** kilometer(s)

**L** lewisite

**lb** pound(s)

**LA** engineer fire-fighting HQ team

**LB** engineer fire-fighting fire-truck team

**LC** engineer fire-fighting water-truck team

**LH** left hand

**LOS** line of sight

**LOX** liquid oxygen

**LRA** local reproduction authorized

**LSA** logisitics-storage area

**LT** left

**MA** Massachusetts

**MACI** military-adapted commercial item

**MACOM** major Army command

**max** maximum

**MD** Maryland

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<b>MEDEVAC</b>	medical evacuation
<b>MET</b>	mobile-equipment transport
<b>METL</b>	mission-essential task list
<b>MIL-HDBK</b>	military handbook
<b>misc</b>	miscellaneous
<b>mitigation</b>	Actions taken to prevent or reduce loss, human injury or death, environmental damage, and property damage due to the release or potential release of HAZMATs.
<b>mm</b>	millimeter(s)
<b>MO</b>	Missouri
<b>MOB</b>	main operating base
<b>monitoring equipment</b>	Instruments and devices used to identify and quantify contaminants.
<b>MOPP</b>	mission-oriented protective posture
<b>MOS</b>	military occupational specialty
<b>MP</b>	military police
<b>mph</b>	mile(s) per hour
<b>MRE</b>	meals, ready to eat
<b>NASP</b>	nuclear ammunition support point
<b>nav</b>	navigator
<b>NBC</b>	nuclear, biological, chemical
<b>NCO</b>	noncommissioned officer
<b>NEA</b>	nitrogen-enriched air
<b>NFPA</b>	National Fire-Prevention Association
<b>NH<sub>3</sub></b>	basic ammonia
<b>No.</b>	number
<b>non ess bus</b>	nonessential BUS
<b>norm</b>	normal
<b>NP</b>	neptunium
<b>OB</b>	observer
<b>OBIGGS</b>	onboard inert gas-generating system
<b>OD</b>	olive drab
<b>OK</b>	Oklahoma
<b>OSHA</b>	Occupational Safety and Health Act

**outbd** outboard

**Pam** pamphlet

**PASS** personal alert safety system

**penetration** The movement of a material through a suit's closures, such as zippers, buttonholes, seams, flaps, other design features of chemical protective clothing, and through punctures, cuts, and tears.

**permeation** A chemical action involving the movement of chemicals, on a molecular level, through intact material.

**PFC** private first class

**PMCS** preventive maintenance checks and services

**P.O.** post office

**POL** petroleum, oils, and lubricants

**PPE** personal protective equipment: Protective clothing and equipment that is designed to protect the wearer from heat and/or HAZMATs contacting the skin or eyes. Protective clothing is divided into four types: structural fire-fighting clothing, liquid-splash protective clothing, vapor protective clothing, and high-temperature protective clothing.

**psi** pound(s) per square inch

**PT** platinum

**PTO** power take-off

**PTU** power-train unit

**PWP** plasticized white phosphorous

**pwr** power

**RADCON** radiological contamination

**recp** receptacle

**release** Any situation leading to a HAZMAT, HW, or petroleum products being freed from its normal container. A release occurs when there is any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing of HAZMATs into the environment.

**remediation** Any action that permanently eliminates any threat that a release site may pose to public health or the environment.

**removal** Any action taken to deal with environmental emergencies.

**REMT** radiological emergency medical team

**response** That portion of incident management in which personnel are involved in controlling (defensively or offensively) a HAZMAT incident. The activities in the response portion of a HAZMAT incident include analyzing the incident, planning the response, implementing the planned response, and evaluating progress.

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<b>rev</b>	reverse
<b>RH</b>	right hand
<b>rpm</b>	revolution(s) per minute
<b>RT</b>	right

**sampling** The process of collecting a representative amount of gas, liquid, or solid for analytical purposes.

**SCBA** self-contained breathing apparatus

**SF-6** sulfurhexafluoride gas

**SFO** senior fire official

**SGT** sergeant

**SM** soldier's manual

**SOLL** special operations, low-level

**SOP** standing operating procedure

**SPAAT** hydraulic rescue drill

**SPC** specialist

**spec** specification

**SSG** staff sergeant

**sta** station

**stabilization** The point in an incident at which the adverse behavior of the HAZMATs is controlled.

**STP** soldier training publication

**TAACOM** theater Army area command

**TAAMS** The Army Maintenance Management System

**TC** training circular

**TEA** triethylaluminum

**TEB** triethylborine

**TG** trainer's guide

**TH** thorium

**TO** technical order

**TO** theater of operations

**TOC** tactical operations center

**TM** technical manual

**TMP** transportation motor pool

<b>TOE</b>	table(s) of organization and equipment
<b>TPA</b>	terephthalic acid
<b>TPT</b>	tactical petroleum terminal
<b>TRADOC</b>	United States Training and Doctrine Command
<b>TSA</b>	theater storage area
<b>TX</b>	Texas
<b>TYP</b>	typical
<b>UIC</b>	unit identification code
<b>US</b>	United States (of America)
<b>USAES</b>	United States Army Engineer School
<b>USG</b>	United States gallon(s)
<b>UXO</b>	unexploded ordnance
<b>VX</b>	nerve agent
<b>w/</b>	with
<b>WCDO</b>	war-consumable distribution objective
<b>WL</b>	water line
<b>WP</b>	white phosphorus
<b>WRSK</b>	war-readiness spares kit
<b>WS</b>	wing station