

ACRONYMS

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| <u>3 Rs</u> | <u>Recognize, Retreat, Report</u> |
| A2B | Anti-two Blocking |
| AAUS | American Academy of Underwater Scientists |
| ABS | American Bureau of Shipping |
| ACDE | Association of Commercial Diving Educators |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| ACI | American Concrete Institute |
| ACM | asbestos-containing material |
| ADC | Association of Diving Contractors |
| ADCI | Association of Diving Contractors International |
| AED | automatic external defibrillator |
| AEGCP | Assured Equipment Grounding Conductor Program |
| AFFF | aqueous film foaming foam |
| AGA | American Gas Association |
| AHA | activity hazard analysis/analyses |
| AHA | American Heart Association |
| AIHA | American Industrial Hygiene Association |
| ALARA | as low as is reasonably achievable |
| ALI | annual limits on intake |
| ANSI | American National Standards Institute |
| APF | assigned protection factor |
| API | American Petroleum Institute |
| APP | accident prevention plan |
| AR | Army Regulation |
| ARA | Army Radiation Authorization |
| ARC | American Red Cross |
| ASCE | American Society of Civil Engineers |
| ASHRAE | American Society of Heating, Refrigeration and Air-Conditioning Engineers |
| ASME | American Society of Mechanical Engineers |
| ASP | Associate Safety Professional |
| ASSE | American Society of Safety Engineers |
| ASTM | American Society for Testing and Materials |
| ATV | all terrain vehicles |
| AWG | American Wire Gauge |
| AWS | American Welding Society |

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| BCD | buoyancy compensation device |
| BCSP | Board of Certified Safety Professionals |
| BRAC | base realignment and closure |
| Btu | British thermal units |
| <u>CA</u> | <u>chemical agent</u> |
| <u>CAIS</u> | <u>chemical agent identification set</u> |
| <u>Cd</u> | <u>conductive footwear</u> |
| CDC | Centers for Disease Control |
| CDZ | controlled decking zone |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| cfm | Cubic Feet per Minute |
| CFR | Code of Federal Regulations |
| <u>CG</u> | <u>chemical agent-Phosgene or Carbonyl Dichloride</u> |
| CGA | Compressed Gas Association |
| CHP | Certified Health Physicist |
| CHST | Certified Construction Health and Safety Technician |
| CIH | Certified Industrial Hygienist |
| cm | centimeter |
| cm ² | square centimeter |
| CMAA | Crane Manufacturer's Association of America |
| CO ₂ | carbon dioxide |
| CO | carbon monoxide |
| CONUS | continental United States |
| COR | Contracting Officer's Representative |
| CPCSSV | Competent Person for Confined Spaces on Ships and Vessels |
| CPR | cardiopulmonary resuscitation |
| CRZ | contamination reduction zone |
| <u>CS</u> | <u>riot control agent</u> |
| CSCP | Confined Space Competent Person |
| CSP | Certified Safety Professional |
| CSTS | Certified Safety Trained Supervisor |
| <u>CWM</u> | <u>chemical warfare materiel</u> |
| DA | Department of the Army |
| DA Pam | Department of the Army Pamphlet |
| DAC | derived air concentration |
| dB | decibel |

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| dB(A) | decibels A-weighted |
| °C | degrees Celsius |
| °F | degrees Fahrenheit |
| DAN | Divers Alert Network |
| DDC | District Diving Coordinator |
| DFARS | Defense Federal Acquisition Regulation Supplement |
| <u>DMM</u> | <u>discarded military munitions</u> |
| DOD | Department of Defense |
| DODI | Department of Defense Instruction |
| DOE | Department of Energy |
| DOT | Department of Transportation |
| DSR | Dive Safety Representative |
| EANx | nitrox gas |
| ECP | entry control point |
| ELSA | emergency life support apparatus |
| <u>EM</u> | <u>Engineering Manual</u> |
| <u>EMR</u> | <u>Electromagnetic Radiation</u> |
| EMR | experience modification rate |
| EMS | emergency medical services |
| EMT | emergency medical technician |
| EO | Executive Order |
| <u>EOD</u> | <u>explosive ordnance disposal</u> |
| <u>EP</u> | <u>Engineering Pamphlet</u> |
| EPA | Environmental Protection Agency |
| <u>ER</u> | <u>Engineering Regulation</u> |
| ERP | emergency response plan |
| ERT | emergency response team |
| ESLI | end-of-service life indicator |
| ETS | environmental tobacco smoke |
| EZ | exclusion zone |
| FAA | Federal Aviation Administration |
| FAR | Federal Acquisition Regulation |
| fc | footcandle |
| FCAW | flux cored arc welding |
| FDA | Food and Drug Administration |
| FEV(1) | forced expiratory volume at 1 second |
| FGS | Final Governing Standards |
| FM | Field Manual |

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| FOA | field operating activities |
| FOPS | falling object protective structures |
| <u>FRP</u> | <u>fiberglass-reinforced plastic</u> |
| ft | foot |
| ft ³ | cubic foot |
| ft ² | square foot |
| ft/min | Feet per Minute |
| FUDS | formerly used defense sites |
| FUSRAP | formerly used sites remedial action program |
| FVC | forced vital capacity |
| gal | gallon |
| GDA | Government Designated Authority |
| GFCI | ground fault circuit interrupter |
| GMAW | gas metal arc welding |
| GPTC | Gas Piping Technology Committee |
| <u>H</u> | <u>chemical agent-Mustard</u> |
| H-3 | Tritium |
| HAV | Hepatitis A virus |
| HAZCOM | hazardous communication |
| HAZWOPER | hazardous waste operations and emergency response |
| HBV | Hepatitis B virus |
| HCV | Hepatitis C virus |
| <u>HD</u> | <u>chemical agent-Distilled Mustard</u> |
| <u>HE</u> | <u>high explosives</u> |
| HECP | Hazardous Energy Control Program |
| HEPA | high efficiency particulate air |
| HIV | human immuno-deficiency virus |
| HLL | horizontal life line |
| hp | horsepower |
| HQUSACE | Headquarters, U.S. Army Corps of Engineers |
| HTRW | hazardous, toxic, and radioactive waste |
| HVAC | heating, ventilation, and air conditioning |
| <u>HS</u> | <u>chemical agent-Mustard</u> |
| Hz | hertz |
| IAQ | indoor air quality |
| IDLH | immediately dangerous to life and health |
| IEEE | Institute of Electrical and Electronics Engineers |
| IESNA | Illuminating Engineering Society of North America |

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| ILO | International Labor Office |
| IME | Institute of Makers of Explosives |
| in | inch |
| in ² | square inch |
| IRP | Installation Restoration Program |
| IRSC | Ionizing Radiation Safety Committee |
| ISEA | International Safety Equipment Association |
| ISO | International Organization of Standardization |
| kA | kiloamp |
| kg | kilogram |
| kHz | kilohertz |
| km | kilometers |
| <u>kN</u> | <u>kiloNewton</u> |
| kPa | kilopascal |
| kV | kilovolt |
| lb | pound |
| L | liter |
| LBD | lead-based paint |
| LCDS | ladder climbing devices |
| LEL | lower explosive limit |
| LFL | lower flammable limit |
| LID | load indicating device |
| LLD | load limiting device |
| lm | lumens |
| LMI | load moment indicating |
| LP-Gas | liquefied petroleum gas |
| LP | licensed physician |
| LPA | licensed physician's assistant |
| LPN | licensed practical nurse |
| L/s | liters per second |
| lx | lux |
| m | meter |
| <u>M²S²</u> | <u>Military Munitions Support Services</u> |
| m ³ | cubic meter |
| m ² | square meter |
| MC | metal-clad cable |
| <u>MC</u> | <u>munitions constituents</u> |
| MCRP | Marine Corps Reference Publication |
| <u>MEC</u> | <u>munitions and explosives of concern</u> |

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| mg | milligram |
| mi | miles |
| MILCON | Military Construction |
| MIL-STD | Military Standard |
| <u>MM</u> | <u>military munitions</u> |
| mm | millimeters |
| MMAD | mass median aerodynamic diameters |
| MOA | Memorandum of Agreement |
| <u>MOOTW</u> | <u>Military Operations Other Than War</u> |
| MOU | Memorandum of Understanding |
| mph | miles per hour |
| mrem | millirems |
| <u>MRS</u> | <u>munitions response site</u> |
| m/s | meters per second |
| MSC | major subordinate command |
| MSDS | material safety data sheet |
| MSHA | Mine Safety and Health Administration |
| MSS | motion stopping safety system |
| <u>MT</u> | <u>metric ton</u> |
| MUTCD | Manual on Uniform Traffic Control Devices for Streets and Highways |
| μSv | microsieverts |
| mSv | millisieverts |
| MVA | megavolt-amperes |
| NAMS | National Association of Marine Surveyors |
| NASBLA | National Association of Safe Boating Law Administrators |
| NAUI | National Association of Underwater Instructors |
| NAVFAC | Naval Facilities |
| NAVMED | Navy Medical |
| NAVSEA | Naval Sea Systems Command |
| NBBI | National Board of Boiler and Pressure Vessel Inspectors |
| NEC | National Electrical Code |
| NEMA | National Electrical Manufacturers Association |
| NESC | National Electrical Safety Code |
| NESHAP | National Emissions Standards for Hazardous Air Pollutants |
| NFPA | National Fire Protection Association |

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| NIOSH | National Institute for Occupational Safety and Health |
| NIST | National Institute of Standards and Technology |
| NMFC | National Motor Freight Classification |
| NOAA | National Oceanic and Atmospheric Administration |
| NPDWR | National Primary Drinking Water Regulation |
| NPRCS | non-permit required confined space |
| NRC | Nuclear Regulatory Commission |
| <u>NREMT</u> | <u>Nationally Registered Emergency Medical Technician</u> |
| NRR | noise reduction rating |
| NSC | National Safety Council |
| NVLAP | National Voluntary Laboratory Accreditation Program |
| OCONUS | outside continental United States/overseas |
| <u>OE</u> | <u>ordnance and explosives</u> |
| OEA | oxygen enriched air |
| OEBGD | overseas environmental baseline guidance document |
| OEL | occupational exposure limit |
| OEM | original equipment manufacturer |
| OJT | on-the-job training |
| OSHA | Occupational Safety and Health Administration |
| Pa | pascal |
| <u>PA</u> | <u>Physician's Assistant (licensed and/or registered)</u> |
| PADI | Professional Association of Diving Instructors |
| PAN | preliminary accident notification |
| PAPR | powered-air purifying respirator |
| PCB | polychlorinated biphenyls |
| pCi/L | picocuries per liter |
| PDT | project delivery team |
| PEL | permissible exposure limit |
| PFD | personal floatation device |
| PHA | position hazard analysis |
| PIT | powered industrial truck |
| PLHCP | Physician-Licensed Healthcare Professional |
| <u>POC</u> | <u>Point of Contact</u> |
| PM | Project Manager |
| PMP | Project Management Plan |
| POL | petroleum, oil, and lubricants |

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| PPE | personal protective equipment |
| ppm | parts per million |
| PRCS | permit-required confined spaces |
| PrgMP | Program Management Plan |
| PRT | Planning and Response Teams |
| <u>PS</u> | <u>chemical agent-Chloropicrin</u> |
| psf | pounds per square foot |
| psi | per square inch |
| psia | per square inch absolute |
| <u>QA</u> | <u>quality assurance</u> |
| <u>QASP</u> | <u>Quality Assurance Surveillance Plan</u> |
| QC | quality control |
| QLFT | qualitative fit test |
| QNFT | quantitative fit test |
| <u>QCP</u> | <u>Quality Control Plan</u> |
| <u>QCS</u> | <u>Quality Control Supervisor</u> |
| <u>RAC</u> | <u>Risk Assessment Code</u> |
| RCRA | Resource Conservation and Recovery Act |
| RDS | respirable dust standard |
| REL | recommended exposure limit |
| REM | roentgen equivalent in man |
| RF | radio frequency |
| RFO | Recovery Field Office |
| RN | registered nurse |
| ROPS | rollover protective structure |
| RPE | registered professional engineer |
| RSC | radiation safety committee |
| RSO | radiation safety officer |
| RSSO | USACE Radiation Safety Staff Officer |
| SAE | Society of Automotive Engineers |
| SAMS | Society of Accredited Marine Surveyors |
| SAR | supplied-air respirator |
| SCBA | self-contained breathing apparatus |
| SCUBA | self-contained underwater breathing apparatus |
| SHM | safety and health manager |
| SIA | Scaffold Industry Association |
| SMS | safety monitoring system |
| <u>SOHO</u> | <u>Safety and Occupational Health Office</u> |
| SOP | standard operating procedure |

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| SPF | sun protection factor |
| SSA | surface-supplied air |
| SSHO | site safety and health officer |
| SSHP | <u>site</u> safety and health plan |
| Sv | sieverts |
| SZ | support zone |
| TB MED | Technical Bulletin, Medical |
| T&M | time and materials |
| TEDE | total equivalent dose exposure |
| TIP | tie-in point |
| TLV | threshold limit value |
| TSD | treatment storage and disposal |
| TWA | time-weighted average |
| UDC | USACE Command Diving Coordinator |
| UFC | Uniform Freight Classification |
| UFGS | Unified Facilities Guide Specification |
| UL | Underwriters Laboratory |
| USACE | U.S. Army Corps of Engineers |
| USCG | U.S. Coast Guard |
| USEPA | U.S. Environmental Protection Agency |
| UST | underground storage tank |
| UV | ultraviolet |
| UVA | ultraviolet A-region |
| UVB | ultraviolet B-region |
| UXO | unexploded ordnance |
| VLL | vertical life line |
| WBGT | wet bulb globe temperature |
| WLS | warning line system |
| <u>WP</u> | <u>White Phosphorous</u> |

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