

## APPENDIX B Definitions and Acronyms

**B-1. Definitions.** The following definitions are provided to help users fully understand the various requirements of this regulation. In addition, considering the large number of acronyms used herein, a roster of acronyms has been provided.

*a. HTRW Activities.* HTRW activities include those activities undertaken for the Defense Environmental Restoration Program (DERP), including Formerly Used Defense Sites (FUDS) and Installation Restoration Program sites at active DOD facilities, Formerly Utilized Sites Remedial Action Program (FUSRAP), Environmental Protection Agency's (EPA) Superfund program, HTRW actions associated with Civil Works projects, and any other mission or non-mission work done for others at HTRW sites. Such activities include, but are not limited to, Preliminary Assessments/Site Inspections (PA/SI), Remedial Investigations (RI), Feasibility Studies (FS), Engineering Evaluations/Cost Analyses (EE/CA), RCRA Facility Investigations/Corrective Measures Studies/Corrective Measures Implementations/Closure Plans/Part B Permits, or any other investigations, design activities, remedial construction or HTRW treatment process O&M at known, suspected, or potential HTRW sites. HTRW site activities shall also include those conducted at "Containerized" HTRW sites, such as leaking Polychlorinated Biphenyls (PCB) transformers, leaking or suspected leaking Underground Storage Tanks (USTs), that contain hazardous substances, hazardous wastes, or hazardous materials as defined by 29 CFR 1910.120(a)(3)/29 CFR 1926.65(a)(3).

*b. Safety and Health Manager (SHM).* This is a safety and occupational health professional meeting one of the three definitions below, with 3 years SOH management experience in hazardous waste site cleanup activities, and with the knowledge and skills to assure that on-site work is safely conducted. SHM credentials must reflect an ability to control and manage the primary contaminant related hazards (CIH for chemical hazards, CSP for safety hazards, CHP for ionizing radiation hazards) on the project. Projects with multiple contaminant related hazards (chemical, ionizing radiation, and safety) require the SHM to seek assistance from SOH professionals with appropriate credentials, knowledge, and skills to address secondary hazards. In-house operations do not require the SHM to have or seek support from certified SOH professionals.

(1) *Industrial Hygienists.* These are personnel meeting the Office of Personnel Management Standards for the Industrial Hygiene Series GS-0690-12, personnel certified by the American Board of Industrial Hygiene, and military personnel identified as being a qualified Industrial Hygienist by the Surgeon General. In addition, it is expected that these personnel, by

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virtue of their education, special studies, and training, have acquired competence in the practice of Industrial Hygiene.

(2) *Health Physicists*. These are personnel meeting the Office of Personnel Management Standards for the Health Physicist Series GS-1306-12; personnel certified by the American Board of Health Physicists; and military personnel identified as being a qualified Health Physicist by DA. In addition, it is expected that these personnel, by virtue of their education, special studies, and training, have acquired competence in the practice of Health Physics.

(3) *Safety Professionals*. These are personnel meeting the Office of Personnel Management Standards for the Occupational Safety and Health Manager Series GS-0018-12 and personnel certified by the Board of Certified Safety Professionals. In addition, it is expected that these personnel, by virtue of their education, special studies, and training, have acquired competence in the practice of safety and occupational health

*c. Site Safety and Health Officer*. This is a person with a minimum of 1 year of experience implementing and enforcing SSHP requirements at hazardous waste site cleanup activities.

*d. Ordnance and Explosives (OE)*. See definitions in ER 385-1-95

*e. Explosive Media*. See definitions in ER 385-1-95

## **B-2. Acronyms.**

A/E	Architectural/Engineering
AHA	Activity Hazard Analysis
ANSI	American National Standards Institute
APP	Accident Prevention Plan
AR	Army Regulation
BRAC	Base Realignment and Closure
CA	Chemical Agent
CDR	Commander
CACM	Chemical Agent Contaminated Media
CECW	Corps of Engineers Civil Works
CEIM	Corps of Engineers Information Management
CEMP	Corps of Engineers Military Programs
CEPR	Corps of Engineers Assistant Principle Responsible for Contracting
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESO	Corps of Engineers Safety and Occupational Health Office, HQUSACE
CFR	Code of Federal Regulations
CACM	Chemical Agent Contaminated Media
CHP	Certified Health Physicist

CIH	Certified Industrial Hygienist
CO	Contracting Officer
CPR	Cardiopulmonary Resuscitation
CSP	Certified Safety Professional
CW	Civil Works
CWM	Chemical Warfare Materiel
DA	Department of the Army
DERP	Defense Environmental Restoration Program
DOD	Department of Defense
EC	Engineering Circular
EE/CA	Engineering Evaluation/Cost Analysis
EM	Engineering Manual
EP	Engineering Pamphlet
EPA	Environmental Protection Agency
ER	Engineering Regulation
FAR	Federal Acquisition Regulation
FS	Feasibility Study
FUDS	Formerly Used Defense Site
FUSRAP	Formerly Utilized Sites Remedial Action Program
GS	General Schedule
HQUSACE	Headquarters U. S. Army Corps of Engineers
HSDA	Health and Safety Design Analysis
HTRW	Hazardous, Toxic and Radioactive Waste
IRP	Installation Restoration Program
MOA	Memorandum of Agreement
MCX	Mandatory Center of Expertise
MSC	Major Subordinate Commands
NIOSH	National Institute for Occupational Safety and Health
NRC	Nuclear Regulatory Commission
O&M	Operation and Maintenance
OCE	Office of the Chief of Engineers
OE	Ordnance and Explosives
OSHA	Occupational Safety and Health Administration
PA	Preliminary Assessment
PDT	Project Delivery Team
PL	Public Law
PPE	Personal Protective Equipment
PRP	Potentially Responsible Party
QA	Quality Assurance
QC	Quality Control
RCRA	Resource Conservation and Recovery Act

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RCWM	Recovered Chemical Warfare Materiel
RDTE	Research Development Test and Evaluation
RI	Remedial Investigation
RPO	Radiation Protection Officer
RSST	Radiation Safety Support Team
SCBA	Self-Contained Breathing Apparatus
SHP	Safety and Health Program
SI	Site Inspection
SOH	Safety and Occupational Health
SHM	Safety and Health Manager
SSHO	Site Safety and Health Officer
SSHP	Site Safety and Health Plan
TWA	Time Weighted Average
USACE	U. S. Army Corps of Engineers
USCG	United States Coast Guard
UST	Underground Storage Tank