

APPENDIX B - DEFINITIONS

For purposes of this Permit, the following definitions shall apply:

- a. "Administrator" shall mean the U.S. Environmental Protection Agency, Region VIII, Regional Administrator.
- b. "Agent Free" shall mean the non detection of any chemical agent while monitoring with an Automatic Continuous Air Monitoring System.
- c. "Baseline Mustard Processing" shall mean the processing of that portion of the DCD Mustard ton container stockpile that has a mercury concentration of less than one part per million (<1 ppm (mg/kg)) in liquid phase of the ton container's fill as determined through analysis of samples collected in Area 10. A Mustard ton container having sample results meeting this criterion is referred to as a "baseline ton container."
- d. "Board" shall mean the Utah Solid and Hazardous Waste Control Board.
- e. "Child Container" shall mean a vessel which a slurry of waster and solid mustard heel is transferred to through use of the Heel Transfer System.
- f. "Executive Secretary" shall mean the Executive Secretary of the Utah Solid and Hazardous Waste Control Board.
- g. "Facility", when used formally, shall mean all contiguous land, and structures, and other appurtenances, and improvements on the land at the Deseret Chemical Depot facility. This Facility description is set forth in Attachment 1 and includes DCD Area 10, CAMDS, and TOCDF which possess the State/EPA I.D. Number UT5210090002.
- h. "GA" shall mean the nerve agent tabun with the chemical name of dimethylphosphoramidocyanidic acid ethyl ester
- i. "GB" shall mean the nerve agent Sarin with the chemical name of Isopropylmethylphosphonofluoridate.
- j. "H" shall mean blister agent mustard prepared through the Levinstein process with the chemical name of Bis(2-chloroethyl) sulfide or 2,2'-dichlorodiethyl sulfide - sulfur mustard, that may be contaminated with trace concentrations of blister agent Lewisite.
- k. "HD" shall mean blister agent mustard that has been purified by washing and vacuum distillation that may be contaminated with trace concentrations of blister agent Lewisite
- l. "HT" shall mean blister agent mustard that is a 60:40 mixture of HD and T (bis[2(2-chloroethylthio)ethyl] ether) , that may be contaminated with trace concentrations of blister agent Lewisite.

- m. "HSWA" shall mean the Hazardous and Solid Waste Amendment of 1984.
- n. "Hazardous Waste Constituent" shall mean any constituent identified in R315-50-10, or any constituent identified in Appendix IX of 40 CFR Part 264.
- o. "Hazardous Waste" shall mean a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may cause, or significantly contribute to, an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed. The term hazardous waste includes hazardous constituents defined above.
- p. "L" shall mean blister agent Lewisite with the chemical name (2-chlorovinyl) arsine that may exist at trace concentrations in mustard bulk containers and munitions.
- q. "Non-Baseline Mustard Processing" shall mean the processing of that portion of the DCD mustard stockpile that does not meet the definition of baseline processing. Items meeting the non-baseline definition are 1) Mustard ton containers and contents having a mercury concentration equal to or greater than one part per million (mg/kg) in the liquid portion of the ton container's fill as determined through analysis of samples collected in Area 10, and 2) all HT and HD mortars.
- r. "On - Site Container (ONC)" shall mean the vapor-tight overpack container in which all munitions, with the exception of the spray tanks and the MK116 bombs which are currently stored in a different overpack-transport container, will be transported from the stockpile storage area to the Tooele Chemical Agent Disposal Facility (TOCDF) and stored prior to processing.
- s. "Parent TC" shall mean a Mustard Ton Container which a slurry of water and solid mustard heel is transferred from through use of the Heel Transfer System.
- t. "RCRA" shall mean the Resource Conservation and Recovery Act of 1976, as amended by HSWA in 1984.
- u. "Release" shall mean any spilling, leaking, pouring, emitting, emptying, discharging, infecting, pumping, escaping, leaching, dumping, or disposing of hazardous wastes (including hazardous constituents) into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing hazardous wastes or hazardous waste constituents).
- v. "Significance Level" shall mean the observed level of contamination that has been determined to be allowed to remain. While the concentration of a significance level is above background concentrations, the observed level must be below applicable maximum contaminant limits established under the federal Safe Drinking Water Act, water classification standards, or below applicable air quality standards.

- w. "Solid Waste Management Unit" (SWMU) shall mean any discernible unit at which solid wastes have been placed at any time, irrespective of whether the unit was intended for the management of solid or hazardous waste. Such units include any area at a facility at which solid wastes have been routinely and systematically released.
- x. "Staged shutdown" shall mean an "operator initiated shutdown to idle".
- y. "Transparency Ton Container" shall mean a ton container that may have previously held Lewisite chemical agent and may contain a residue of that agent.
- z. "VX" shall mean the nerve agent with the chemical name O-ethyl S- (2-diisopropylaminoethyl) methylphosphonothiolate.

Acronyms and abbreviations used in this Permit shall be defined as designated in Appendix A of this Permit.

All definitions contained in R315-1, R315-2, R315-3, R315-8, and R315-9 are hereby incorporated, in their entirety, by reference into this Permit, except that any of the definitions used above shall supersede any definition of the same term given in R315.

Where terms are not defined in the regulations or this Permit, the meaning associated with such terms shall be defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term.