

MODULE III - STORAGE IN CONTAINERS

III.A. APPLICABILITY

III.A.1. The requirements of this Module pertain to the operation of hazardous waste container and hazardous waste munitions storage areas at the Facility. The Permittee shall comply with Utah Administrative Code R315-264-170 and all conditions of this Module. The units regulated in this Permit include munitions igloos A101, C514, C815, C816, K401, K402, K403, K404, K801, K802, K803; Service Magazines 1368, 1369, 1370, and 1371; Above Ground Magazine 1205, Building 528, and Building 1320.

III.B. WASTE IDENTIFICATION

III.B.1 The Permittee may store in containers only the hazardous waste identified by the following codes:

D001, D002, D003, D004, D005, D006, D007, D008, D009, D011, D018, D019, D020, D022, D023, D025, D026, D028, D029, D030, D032, D033, D035, D036, D037, D039, D040, D042, D043, F001, F002, F003, F004, F005, K047, P030, P098, P106, U002, U003, U019, U031, U041, U044, U051, U069, U075, U080, U127, U131, U151, U154, U188, U211, U220, U226, U239.

III.B.2. The Permittee is prohibited from storing hazardous waste not identified in Condition III.B.1. Any addition of hazardous waste to Condition III.B.1. requires a modification to the permit in accordance with Condition I.D.

III.C. CONDITION OF CONTAINERS

III.C.1. If a container holding hazardous waste is not in good condition (e.g., severe rusting, bulging, apparent structural defects) or it begins to leak, the Permittee shall transfer the hazardous waste from such container, or the container of hazardous waste itself, to a Department of Transportation (DOT) approved container. This shall be completed as soon as possible, but no later than 24 hours from the time the problem was first discovered and noted in the inspection log.

III.D. COMPATIBILITY OF WASTE WITH CONTAINERS

III.D.1. The Permittee shall ensure that the waste is compatible with the containers as required by Utah Admin. Code R315-264-172.

III.E. MANAGEMENT OF CONTAINERS

- III.E.1. As required by Utah Admin. Code R315-264-173 the Permittee shall keep all containers closed except when it is necessary to add or remove waste. The Permittee shall not handle or store containers in a manner which may rupture or cause the containers to leak. The Permittee shall manage containers in accordance with the procedures contained in Attachment 9 (Containers).
- III.E.2. The Permittee shall maintain aisle space as specified in Condition II.J.6. and Attachment 9 (Containers).
- III.E.3. The Permittee shall not use containers for storage of liquid waste in the storage facilities identified in Condition III.F. larger than an 85-gallon over pack drum.
- III.E.4. The Permittee shall not stack 55-gallon containers more than three high and 85-gallon containers more than two high.

III.F. CONTAINMENT UNITS

- III.F.1. The Permittee shall construct, maintain and operate the containment systems in accordance with Attachment 9 (Containers). At capacity, the Permittee may store the following volumes of waste:
 - III.F.1.a. Building 528 – 57,800 gallons, which is 680 85-gallon liquid waste containers, or the equivalent, 7,500 cubic feet. Incompatible waste in Building 528 shall be segregated by bays and identified accordingly;
 - III.F.1.b. Igloo A-101 – 7,584 cubic feet (which is 158 pallets, 48 cubic feet per pallet, or the equivalent);
 - III.F.1.c. Igloos C-514, C-815 C-816, K-401, K-402, K-403, K-404, K-801, K-802, and K-803 – 10,272 cubic feet each (214 pallets each, 48 cubic feet per pallet, or the equivalent);
 - III.F.1.d. Service Magazines 1368, 1369, 1370, and 1371 – 480 cubic feet each (ten pallets each, 48 cubic feet per pallet, or the equivalent);
 - III.F.1.e. Above Ground Magazine 1205 – 72,000 cubic feet (900 pallets, 80 cubic feet per pallet, or the equivalent); and

- III.F.1.f. Building 1320 – 720 cubic feet (nine pallets, 80 cubic feet per pallet, or the equivalent).
- III.F.2. A secondary containment sump in Building 528 shall be inspected for the presence of liquids in accordance with Attachment 4 (Inspection Plan). If liquids are discovered in the sump, the Permittee shall identify the source of the release in the inspection log. Any liquids discovered in the sump shall be removed and handled according to the plan outlined in Attachment 4 (Inspection Plan).
- III.F.3. For the purpose of determining compliance with the capacity limitations, all containers shall be considered full to their respective capacities with liquid or solid hazardous waste.

III.G. SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTE

- III.G.1. The Permittee shall not store containers holding ignitable or reactive waste within 50 feet of the Facility's property line in accordance with Utah Admin. Code R315-264-176.

III.H. SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTE

- III.H.1. The Permittee shall not place incompatible waste or materials in the same container in accordance with Utah Admin. Code R315-264-177.
- III.H.2. The Permittee shall not place hazardous waste or materials in an unwashed container that previously held an incompatible waste or material in accordance with Utah Administrative Code R315-264-177.
- III.H.3. The Permittee shall document compliance with Conditions III.H.1. and III.H.2. and place the documentation in the Operating Record.

III.I. IDENTIFICATION AND LOCATION OF CONTAINERS IN OPERATING RECORD

- III.I.1. The Permittee shall record in the Operating Record the location of each container of hazardous waste and hazardous waste munition accepted in any container storage area until it is shipped off site or taken for treatment to the incinerator, the Small Caliber Disassembly Process, Hydrolysis, or the OB/OD unit.

III.J. INSPECTIONS

III.J.1. The Permittee shall conduct inspections of the storage areas identified in Condition III.A. of this Permit in accordance with the schedule outlined in Attachment 4 (Inspection Plan).

III.K. CLOSURE/POST CLOSURE

III.K.1. The Permittee shall close the storage areas in accordance with Utah Admin. Code R315-264-110, Utah Admin. Code R315-264-178, Condition II.N, and the procedures of Attachment 8 (Closure Plan).

III.L. STORAGE OF MUNITIONS

III.L.1. All waste munitions stored in containers or on pallets or other packing materials shall be stored in compliance with all applicable Department of Defense (DOD) Ammunition and Explosives Safety Standards.