

MODULE III

STORAGE AND TREATMENT IN CONTAINERS

III.A. APPLICABILITY

The Permittee shall comply with all requirements established in this Permit applicable to storing or treating hazardous waste in containers.

III.B. PERMITTED WASTE IDENTIFICATION

III.B.1. The Permittee may store and treat, in containers, only the following hazardous wastes:

III.B.1.a. D001 D002 D003 D004 D005 D006 D007 D008 D009 D010 D011 D012 D013
D014 D015 D016 D017 D018 D019 D020 D021 D022 D023 D024 D025 D026
D027 D028 D029 D030 D031 D032 D033 D034 D035 D036 D037 D038 D039
D040 D041 D042 D043

F001 F002 F003 F004 F005 F006 F007 F008 F009 F010 F011 F012 F019 F020
F021 F022 F023 F024 F025 F026 F027 F028 F032 F034 F035 F037 F038 F039

K001 K002 K003 K004 K005 K006 K007 K008 K009 K010 K011 K013 K014
K015 K016 K017 K018 K019 K020 K021 K022 K023 K024 K025 K026 K027
K028 K029 K030 K031 K032 K033 K034 K035 K036 K037 K038 K039 K040
K041 K042 K043 K044 K045 K046 K047 K048 K049 K050 K051 K052 K060
K061 K062 K064 K065 K066 K069 K071 K073 K083 K084 K085 K086 K087
K088 K090 K091 K093 K094 K095 K096 K097 K098 K099 K100 K101 K102
K103 K104 K105 K106 K107 K108 K109 K110 K111 K112 K113 K114 K115
K116 K117 K118 K123 K124 K125 K126 K131 K132 K136 K141 K142 K143
K144 K145 K147 K148 K149 K150 K151 K156 K157 K158 K159 K160 K161

P001 P002 P003 P004 P005 P006 P007 P008 P009 P010 P011 P012 P013 P014
P015 P016 P017 P018 P020 P021 P022 P023 P024 P026 P027 P028 P029 P030
P031 P033 P034 P036 P037 P038 P039 P040 P041 P042 P043 P044 P045 P046
P047 P048 P049 P050 P051 P054 P056 P057 P058 P059 P060 P062 P063 P064
P065 P066 P067 P068 P069 P070 P071 P072 P073 P074 P075 P076 P077 P078
P081 P082 P084 P085 P087 P088 P089 P092 P093 P094 P095 P096 P097 P098
P099 P101 P102 P103 P104 P105 P106 P107 P108 P109 P110 P111 P112 P113
P114 P115 P116 P118 P119 P120 P121 P122 P123 P127 P128 P185 P188 P189
P190 P191 P192 P194 P196 P197 P198 P199 P201 P202 P203 P204 P205

U001 U002 U003 U004 U005 U006 U007 U008 U009 U010 U011 U012 U014
U015 U016 U017 U018 U019 U020 U021 U022 U023 U024 U025 U026 U027
U028 U029 U030 U031 U032 U033 U034 U035 U036 U037 U038 U039 U041

U042 U043 U044 U045 U046 U047 U048 U049 U050 U051 U052 U053 U055
U056 U057 U058 U059 U060 U061 U062 U063 U064 U066 U067 U068 U069
U070 U071 U072 U073 U074 U075 U076 U077 U078 U079 U080 U081 U082
U083 U084 U085 U086 U087 U088 U089 U090 U091 U092 U093 U094 U095
U096 U097 U098 U099 U101 U102 U103 U105 U106 U107 U108 U109 U110
U111 U112 U113 U114 U115 U116 U117 U118 U119 U120 U121 U122 U123
U124 U125 U126 U127 U128 U129 U130 U131 U132 U133 U134 U135 U136
U137 U138 U140 U141 U142 U143 U144 U145 U146 U147 U148 U149 U150
U151 U152 U153 U154 U155 U156 U157 U158 U159 U160 U161 U162 U163
U164 U165 U166 U167 U168 U169 U170 U171 U172 U173 U174 U176 U177
U178 U179 U180 U181 U182 U183 U184 U185 U186 U187 U188 U189 U190
U191 U192 U193 U194 U196 U197 U200 U201 U202 U203 U204 U205 U206
U207 U208 U209 U210 U211 U212 U213 U214 U215 U216 U217 U218 U219
U220 U221 U222 U223 U225 U226 U227 U228 U230 U231 U232 U233 U234
U235 U236 U237 U238 U239 U240 U242 U243 U244 U246 U247 U248 U249
U271 U277 U278 U279 U280 U328 U353 U359 U364 U365 U366 U367 U372
U373 U375 U376 U377 U378 U379 U381 U382 U383 U384 U385 U386 U387
U389 U390 U391 U392 U393 U394 U395 U396 U400 U401 U402 U403 U404
U407 U409 U410 U411

- III.B.2. The Permittee may store in the permitted container storage areas, as outlined in this Module, the following wastes not specified by EPA waste code number:
 - III.B.2.a. Industrial waste incidental to a shipment of mixed waste and site generated industrial waste.
 - III.B.2.b. Radioactive waste that is not hazardous waste, provided that it is managed in accordance with the conditions of the Permittee’s Radioactive Material License (UT 2300249).
 - III.B.2.c. Contaminated run-on/run-off.
 - III.B.2.d. Radioactive waste that also contains polychlorinated biphenyls (PCBs) as described in 40 CFR 761, and managed in accordance with Attachment II-1-10, *Management of Waste Containing Polychlorinated Biphenyls (PCBs) at the Mixed Waste Facility*.
 - III.B.2.e. Household hazardous waste from collection programs by local government organizations in the State of Utah, that does not meet the definition of mixed waste as defined in Condition I.L. of Module I, *Standard Conditions*.
- III.B.3. The Permittee may store, as outlined in this Module, CERCLA wastes generated from sites undergoing remediation and which arrive at the Facility without an EPA waste code number, provided they comply with the most current CERCLA Off-Site Policy.

III.B.4. The Permittee may store and treat lab packs in which all of the contents are known and acceptable for treatment or disposal at the Permittee's Facility.

III.B.5. The Permittee may receive water reactive and air reactive wastes and materials for treatment and disposal. Prior to receipt of this category of wastes, the Permittee shall submit a waste stream specific management plan, for approval, to the Director. The following information shall be included in the waste management plan:

III.B.5.a. A description of the waste;

III.B.5.b. A description of waste off-loading and management prior to treatment or disposal;

III.B.5.c. Details on the treatment or disposal process; and

III.B.5.d. Actions to ensure safety and compliance.

III.B.6. The Permittee shall not receive water or air reactive waste prior to receiving approval of the waste stream specific management plan from the Director.

III.C. PROHIBITED WASTE IDENTIFICATION

III.C.1. The Permittee shall be prohibited from storing hazardous waste that is not identified in Condition III.B.

III.C.2. The Permittee shall be prohibited from storing or treating the following wastes:

III.C.2.a. Pyrophoric wastes and materials, as defined in Condition I.L. of Module I, *Standard Conditions*;

III.C.2.b. DOT Forbidden Class 1, 2 and 3 explosives;

III.C.2.c. Shock sensitive wastes and materials;

III.C.2.d. Compressed gas cylinders unless they meet the definition of empty container;

III.C.2.e. Hazardous waste that does not meet the definition of mixed waste as defined in Condition I.L. of Module I, *Standard Conditions*; and

III.C.2.f. Lab packs which contain unknown constituents or constituents that are not acceptable for treatment or disposal at the Permittee's Facility.

III.C.3. The Permittee shall be prohibited from storing or treating Utah waste codes F999 and P999.

III.D. CONDITION OF CONTAINERS

- III.D.1 If a container of hazardous waste is not in good condition (e.g., demonstration of severe rusting, apparent structural defects) or if it begins to leak, the Permittee shall immediately transfer the hazardous waste from such container to a container that is in good condition, place the damaged container in an overpack, or otherwise manage the waste in compliance with the conditions of this Permit.
- III.D.2. A container is not considered to be closed when the lid or the container is in a condition such that the waste is exposed, (i.e. the waste can be seen). Such a container shall be replaced or fixed by the end of the operating day in which it is discovered.
- III.E. COMPATIBILITY OF WASTE WITH CONTAINERS
- III.E.1. The Permittee shall use a container made of or lined with materials that shall not react with, and are otherwise compatible with, the hazardous waste to be stored.
- III.F. MANAGEMENT OF CONTAINERS
- III.F.1. The following types of containers are approved for use by the Permittee:
- III.F.1.a. Drums and similar containers up to 400 gallons;
- III.F.1.b. Boxes up to 250 cubic feet;
- III.F.1.c. Bags up to 120 cubic feet;
- III.F.1.d. US DOT approved containers;
- III.F.1.e. Seavans, intermodals, roll-off containers, and other large containers up to 40 cubic yards;
- III.F.1.f. Other containers that meet the definition of a “container” in Condition I.L of Module I, *Standard Conditions*.
- III.F.2. The Permittee shall keep all containers in the container storage area closed during storage, except when it is necessary to add or remove waste. All containers of hazardous waste that are opened to add waste, to remove waste, or to perform permitted activities as outlined in this Permit, shall be closed at the end of that activity.
- III.F.3. The Permittee shall keep containers of hazardous waste that are managed elsewhere than the container storage area in a closed condition unless activities are being conducted in accordance with Condition III.F.2.
- III.F.4. The Permittee shall be permitted to hold bulk waste in rail cars on the rail siding

in an open condition while waiting for sampling results. If sample results cannot be obtained within two hours, the Permittee shall cover the container for the remaining holding period.

- III.F.5. The Permittee shall manage containers in accordance with Attachment III-1, *Container Management Plan*.
- III.F.6. The Permittee shall not open, handle, or store containers in a manner that may rupture the container or cause it to leak.
- III.F.7. The Permittee shall not exceed the maximum waste inventory within the limits provided in Attachment II-7, *Closure Plan*.
- III.F.8. The Permittee shall not stack containers higher than ten feet. Containers shall not be stacked more than four high.
- III.F.9. If empty containers are kept in storage areas, the Permittee shall clearly differentiate empty containers from containers of waste. This differentiation shall consist of aisle spacing, labeling, segregation, or other similar techniques.
- III.F.10. All containers of waste being stored in a permitted storage area or held on the rail siding shall be considered filled to capacity when calculating waste volumes for total facility capacity.
- III.F.11. The Permittee shall maintain aisle spacing as outlined in Attachment III-1, *Container Management Plan*.
- III.G. CONTAINMENT SYSTEMS
- III.G.1. The Permittee shall provide containment in accordance with the provisions of Attachment III-1, *Container Management Plan*.
- III.H. INSPECTION SCHEDULES AND PROCEDURES
- III.H.1. The Permittee shall inspect the container storage area in accordance with Attachment II-3, *Site Inspection Plan*.
- III.I. RECORDKEEPING
- III.I.1. An operating record for container storage and treatment shall be kept as specified by the requirements in this Module and associated attachments.
- III.J. CLOSURE
- III.J.1. At closure of the container storage areas, the Permittee shall perform closure in accordance with Attachment II-7, *Closure Plan*.

III.K. SPECIAL CONTAINER PROVISIONS FOR IGNITABLE OR REACTIVE WASTE

- III.K.1. Except for waste loaded upon incoming transport vehicles, the Permittee shall not store or hold containers of ignitable or reactive waste within 15 meters (50 feet) of the Permittee ' s property line.
- III.K.2. The Permittee shall take precautions to prevent accidental ignition or reaction of ignitable or reactive waste.

III.L. SPECIAL CONTAINER PROVISIONS FOR INCOMPATIBLE WASTE

- III.L.1. The Permittee shall not place hazardous waste in a container that previously held an incompatible waste or material unless that container has been emptied in accordance with Attachment III-1, *Container Management Plan*.

III.M. TREATMENT OF WASTE IN CONTAINERS

- III.M.1. The Permittee may treat waste in containers as follows at the Facility, subject to the terms of this Permit:
- III.M.1.a. Solidification of waste in containers at the Facility, subject to Attachment II-1-4, *Liquid Waste Management Plan*.
- III.M.1.b. Stabilization of waste in containers at the Facility, subject to Attachment II-1-3, *Waste Stabilization Plan*.
- III.M.2. Solidification, stabilization, and other permitted treatment of waste in containers shall be performed only in the Mixed Waste Treatment Building, the Mixed Waste Operations Building, or in the Mixed Waste Storage Building, and in accordance with the applicable provisions of this Permit.
- III.M.3. The Permittee shall have no more than ten containers open at one time for the purpose of solidification. The Permittee shall receive written approval from the Director or representative if more containers must be open for the solidification process.

III.N. MANAGEMENT OF WASTE IN RAIL CARS

- III.N.1 Waste in rail cars shall be managed as specified in Attachment III-1, *Container Management Plan*.

END OF MODULE III