

**CB&I**  
**SOP FOR CSU H1103**  
**ROLL-OFF LOADING**

**ATTACHMENT 11**

**Pueblo Chemical Depot**  
**Pueblo, Colorado**



**Roll-off Loading Operations**  
**Site Operations Procedure Rev 2 - Final**

**1.0 Purpose**

This procedure defines the operational task and inspections to be executed, supervised and documented throughout the hazardous waste roll-off loading process at the Pueblo Chemical Depot (PCD) Explosive Destruction System (EDS) site.

**2.0 Scope**

The scope covered by this procedure includes multiple phases of the roll-off loading process. These phases include pre-loading activities, loading activities and preparing roll-offs for shipping. This procedure applies to CB&I Federal Services (CFS) employees when performing roll-off loading operations.

**3.0 Pre-Loading Activities**

**3.1 Arriving Roll-off inspection**

- a. CB&I employee will visually inspect the roll-off, and lids for defects, damages and missing components upon delivery. The interior of the roll-off will be visually inspected to ensure that there are no interior openings.
- b. Defects, damage and missing components shall be photo-documented by the employee and noted and communicated to the PM via email with attached photos.
- c. The roll-off will either be repaired onsite or returned to the vendor for repair if damage is identified.

**3.2 Liners**

Liners will be used to prevent any undesired contamination of equipment and prevent any potentially forming free liquids from leaking while in storage or transit. Liners also facilitate efficient and safe off loading at the TSDF.

**3.2.1 Liner Types**

CBI will utilize TransPac Waste Bags or equivalent for inorganic/debris like hazardous waste solids to be stored and shipped in roll offs. These Waste Bags are made to fit into open top roll offs ( 20 or 25 cy) and are designed so that the waste can be loaded in bulk and upon filling are able to be zipped, Velcro or tied shut for an adequate seal while in transit. Some particular features of this bulk bag include the following.

- 7.5 oz coated woven polypropylene
- Weight 7.5 oz/square yard
- 20 mil thickness

### **3.2.2 Liner installation**

The TransPac Waste Bag or equivalent will be placed into the roll off unzipped and left open for filling with waste. Several bags of floor dry and vermiculite will be dispersed on the bottom of the liner after installing to prevent tears and punctures. Metal type wastes will be carefully placed in the middle area of the roll off on the floor dri/vermiculite “cushion”.

### **3.3 Loading Activities**

Heavy metal type debris will be placed in the roll off with fork lifts and or straps. This waste will be cushioned as much as is practical to minimize the potential of liner tears and punctures. Other types of waste such as PPE and dunnage will be used to cushion the bottom of the roll-off box on an as needed basis.

Waste will be loaded into the roll-off box in a way to maximize space and compaction so to avoid unnecessary shifting during transport.

### **3.4 Preparing the Loaded Roll-off for Shipment**

A DOT qualified/trained person will verify that all the loading, placarding, marking and associated paperwork and each transport truck will be inspected prior to loading each roll-box for transport and a record of the inspection will be retained by PCD.