

## Storage and Containment

Ref: B3.1.1 to be incorporated into Application MasterDoc

*In addition, kindly specify the method of storage and containment for each waste stream (highlighting special storage conditions that might be applicable for specific waste streams).*

The site in question is used for the temporary storage of several types of waste, pending export for recycling or treatment, or pending sale into the local market or local incineration.

The layout and general structures of the facility have been put in place with the specific requirements of storage and handling which come with certain types of materials. These were originally drawn up with assistance from the competent authorities and are backed up by recommendations as laid down in the IPPC Reference Document on Best Available Techniques for the Waste Treatments Industries (BREF Guide), in general but most specifically Chapter 4. The guide itself does not propose to be the ultimate resource, as all operators must take into consideration their own particular circumstances and logistics requirements.

Section 4.1.4, which deals with Storage and Handling is the most relevant section of the guide with regards to the facility in question.

## Hazardous Liquids and Sludges

The bulk of Hazardous material stored on site is in liquid or sludge form. The correct storage of these materials is a primary issue and therefore, insofar as relevant, recommendations as laid down in Section 4.1.4 are adhered to.

These include but are not limited to:

- impervious surfaces in the storage locations
- spill containment system in place (spill trenches and reservoirs)
- sealed drainage system in place (no connection to public sewer)
- all storage areas containing hazardous waste clearly marked
- vehicular access (forklift) to entire storage area maintained so that transfer of containers is not reliant on moving other containers around
- containers are stored under cover in an appropriately vented, open ended structure with reinforced walls (BINS)
- all containers are stored in a properly closed and sealed manner
- all containers containing light and heat sensitive material are stored away from the open end of the BINS
- similar materials grouped together to minimise the risk of incompatible materials coming into contact with one another should a spill occur.
- Storing of drums in such a way that allows regular inspections and maintenance
- Replacing of containers which are no longer deemed to be fit for purpose
- Regular fire points
- Absorbent material available throughout the storage area
- No electricity supply present at any location in the BIN structures to eliminate the risk of electrical fire.

## Non-Hazardous Liquids

These are generally expired or off-spec consumables such as fruit juices or wines and are stored in plastic IBC's pending pH adjustment. They are stored on hardstanding areas and are allocated space on-site as and when they are present. This type of waste is not generally present on site.

## WEEE

WEEE is stored in BINS just like hazardous liquids and sludges as there is a requirement for it to be stored in a covered area. Refrigeration units which have not been de-gassed are not accepted on-site.

## Plastics and Cardboard

These are sorted and baled in a covered shed but once baled are stored outdoors pending exportation.