

Standard Operating Procedure

Waste Storage - Fastank



Equipment Description

Temporary storage facility for bulk liquid waste. It is designed for holding liquid waste but can be utilised for many different products.

Technical Specification

Package Weight: 60kg
Volume capacity: Various (dependent on model)

Health and Safety



To safely set up this equipment 2 people are required.

Safe Operating Requirements

- A Job Safety Analysis (JSA) is to be conducted prior to work commencing. Identification of the following safety factors are critical, but not limited to: Manual Handling, Slips/Trips/Falls, Vessel Movements, Pinch Points and Personnel Contamination/Decontamination.
- Ensure adequate Personal Protective Equipment (PPE) is worn. * Life jackets may be required.
- All incidents, accidents and near misses must be reported as per AMOSC company policy.

Operational Instructions

Pre start checks

- Ensure that the Fastank is located in a suitably flat and stable area, allowing for the discharge hose to extend between the discharge pump and the Fastank during operations.
- The Fastank must also be in a position to allow for access for discharging/decanting.
- Ensure the ground is level and is free from sharp objects that may puncture the tank material.
- Visually inspect the frame and tank material for damage and deterioration.
- If the Fastank is set up on a shoreline, ensure it is positioned above the high tide line.
- Consider taking a soil/sand sample prior to using the land area for waste storage – this allows a baseline to be established and returned to after the response and as part of the end point criteria

Assembly

- Unpack the Fastank box and lay out a ground sheet.
- Place the aluminium uprights in a circle on the ground sheet.
- Hold the uprights in the vertical position.
- Insert horizontal supports into the T section of the uprights, joining two uprights together.

- Raise the bracing arm to the horizontal support and lock in place, using the locking pin.
- Repeat until complete (See Diagram 1).
- Place the fabric tank inside the assembled frame.
- Locate and align the vertical coloured stripe with one of the upright pillars. Insert 1-2 hooks into the holes on the horizontal frame supports to ensure the coloured stripe and upright pillar is permanently aligned.
- Continue to insert the hooks into the holes on the horizontal frame supports around the entire frame (See Diagram 2).
- If necessary, secure the tank to the ground using tent pegs.
- Insert the protective liner if present (See Diagram 3).



Diagram 1



Diagram 2



Diagram 3

Operation

- Discharge all recovered liquid waste material into the Fastank via the discharge hose.
- Fill the Fastank with liquid waste.
- As necessary, decant water from the Fastank to ensure optimal concentration of oil in the tank.
- Arrange for waste removal to transfer liquid waste from the Fastank to an alternative repository.
- Continue the process of waste storage into the Fastank until operations are ceased.

Caution

- If there is a risk of overflow due to rainwater entering the Fastank, fit a roofing structure to the Fastank.

Post operation

- Ensure as much liquid as possible is removed from the Fastank into an alternative repository.
- Remove the protective liner if used and dispose of via an approved waste collection agency.

Caution

- If the protective liner has been contaminated with oil, care must be exercised when removing it to avoid causing secondary contamination.
- Disassemble the Fastank in the reverse order of the assembly.

Caution

- If the fabric tank has been contaminated with oil, care must be exercised when disassembling it to avoid causing secondary contamination. Roll it onto a ground sheet and take it to a bunded cleaning station to be washed.
- Fastank must be dry prior to maintenance inspection, re-stowage and storage

Note - Maintenance of the Fastank is to be performed as listed below.

Additional Information

If there is a possibility of rain, a cover must be used to ensure the Fastank does not overflow and to reduce avoidable volumes of liquid waste.

The Fastank must **always** be observed during filling to ensure it does not overflow.

Maintenance

- All maintenance and repairs are to be completed in accordance with either the manufacturer or AMOSC procedures.
- All equipment must be left in an operational condition when not in use.
- All defects must be repaired or the equipment is to be “tagged out” for maintenance and repair.

Related Documents

AMOSC HSSE Plan
PN08 - HSSE Policy
AMOSC JSA Template
PN 11 AMOSC Vehicle Use Policy (AMOSC Vehicle Checklist / AMOSC Load Assessment Checklist)
SOP 1001 Ops; Forklift Operations
SOP 1002 Ops; Loading and Securing of Cargo
SOP 1003 Ops; Transporting Equipment To/ From Warehouse

