MOTHEO CONSTRUCTION GROUP CONSTRUCTION • CIVILS • WATER • ELECTRICAL • ACADEMY	**METHOD STATEMENT** **HAZARDOUS STORAGE AND WASTE DISPOSAL**	Doc No :	TP – EMS 009
		Rev No :	00
		Rev Date :	30/11/2020

CONTRACT NAME	**CONSTRUCTION OF A 66KV OVERHEAD POWERLINE FROM WORCESTER INDUSTRISL AREA TO TRANSHEX SUBSTATION**
CONTRACT NO.	**16/3/3/B2/32/1021/23**
LOCATION	**WORCESTER**
CLIENT	**BREEDE VALLEY MUNICIPALITY**
START DATE	

Rev	**Date**	**Prepared by**	**Designation**	**Checked by:** (Contractor's Signature)	**Approved by:** (Client signature)	**Description of Modifications**

Approval:

Signatories to sign this page in full as proof of approval

1. PURPOSE

The purpose of this document is to describe the methodology to be followed at the project for the management of hazardous storage and waste disposal thereof.

2. SCOPE

The method statement is applicable to the construction works been carried out at the project for the duration of the contract.

3. REFERENCES

ISO14001:2015

4. ROLES AND RESPONSIBILITIES

Main tasks and associated responsibilities are as follows:

Project/Site Manager shall be responsible for overall construction activities inclusive of ensuring that all safety and environmental measures are implemented.

Safety officer shall ensure that all personnel involved in this activity are competent to perform the task and that the training provided is sufficient in that the trainee will respect the environment and safety rules.

Foreman/Supervisor shall be supervising closely the activity designated to them and ensure that all instructions are followed, and that safety and environmental procedures of the project is strictly adhered to.

Workers this Method Statement is binding to all employees and it is also the responsibility of the individual employee to comply.

5. REQUIREMENTS

Reasonable measures to limit erosion and sedimentation.
Maintenance of the system.

6. METHOD

6.1 Fuel Tanks Storage

- Ensure that all relevant permits are in place for the storage of hazardous/flammable materials
- Bulk fuel storage tanks must be placed out of the way of traffic to reduce the risk of ruptures, further than 3.5 meters from buildings, and away from stormwater inlets to avoid water contamination.
- Tanks should be stored inside an impermeable bunded area that can contain 110% of the total volume.

- Tanks should be as far removed from occupied buildings / containers as possible.
- Bunded area to be protected by an earth berm to prevent plant from colliding with structure.
- The bund should have a valve and a sump so that contaminated rainwater can be safely drained.
- The filler taps of the tank (refuelling hose) must be inside the footprint of the bund wall.
- Ensure that all the relevant MSDS are available at the point of storage.

6.2 Hazardous Waste Storage Facilities

- The surface shall be hardened, impermeable and bunded
- A 6m3 enclosed skip shall be sourced from a competent waste management company
- Hydrocarbon spill kit must be provided
- Fire extinguishers must be in place
- The provided skip must be properly labelled as hazardous.
- They must be easily accessible for removal of waste from site
- The skip must only accommodate hazardous waste
- Ensure that the supplied skip is intact with no holes
- Material Safety Data Sheets (MSDSs) shall be readily available on site for all chemicals and hazardous substances to be used on site.

6.3 Waste Disposal

- A licensed waste management company shall collect, transport and dispose waste
- Waste shall be disposed at a licensed facility
- Proof of waste collection (manifests) and disposal (safe disposal certificates) shall be filed onsite

6.4 Waste Records

- Copy of all applicable waste management facility permits where waste is disposed of.
- Safe waste disposal documentation
- Copies of waste management checklist.
- Copies of waste collection and disposal receipts
- Waste Management checklist shall be completed where applicable upon the use of a service provider for disposal and recycling of waste.

6.5 Awareness

- Waste management awareness shall be conducted with employees on site through the mandatory site induction and through toolbox talks.

- Waste prevention and minimisation activities shall be discussed during monthly subcontractor coordination meeting to reinforce project goals.
- Subcontractors will be expected to make sure all their employees comply with this method statement.

6.6 Other Requirements

- Concrete waste must be disposed of at an appropriate waste site.
- A separate drum must be available for storage of contaminated soil
- Transport of hazardous materials around the site must be limited, and materials must be transported in sealed bags/containers.
- Mixing/decanting of all chemicals and hazardous substances (including cement mixing) must take place either on a tray or on an impermeable surface. Waste from these must then be disposed of at a suitable waste site.
- Cement mixing is not permitted where run off can enter any stormwater drains.
- Decanting of any chemical must be done within the confines of a suitably sized drip tray.
- Decanting from large containers (e.g. 210L drums) must be done using a hand pump.
- Drip trays are to be cleaned out daily and material collected disposed of as hazardous waste.
- Spill kits are required to be checked regularly and maintained.
- Empty cement bags are to be disposed of as hazardous waste