

 MOTHEO CONSTRUCTION GROUP CONSTRUCTION • CIVILS • WATER • ELECTRICAL • ACADEMY	METHOD STATEMENT MANAGEMENT OF CEMENT AND THE PUMPING OF READY MIX CONCRETE	Doc No :	TP – EMS 011
		Rev No :	00
		Rev Date :	30/11/2020

CONTRACT NAME	CONSTRUCTION OF A 66KV OVERHEAD POWERLINE FROM WORCESTER INDUSTRIAL 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

 MOTHEO CONSTRUCTION GROUP CONSTRUCTION • CIVILS • WATER • ELECTRICAL • ACADEMY	METHOD STATEMENT MANAGEMENT OF CEMENT AND THE PUMPING OF READY MIX CONCRETE	Doc No :	TP – EMS 011
		Rev No :	00
		Rev Date :	30/11/2020

1. PURPOSE

This method statement describes the management of cement and the pumping of ready mix concrete.

2. SCOPE

Ready mix concrete will be delivered to site. Concrete will be placed with the help of a mobile concrete pump that will be positioned according to where the concrete is required.

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

- Visible remains of concrete, either solid or from washings must be immediately removed and disposed of as rubble.
- Ready mix trucks must make use of a chute cover once discharged, to prevent any spillage onto the road.
- No concrete washings allowed to enter the storm water system or to run freely into the road.

6. METHOD

Ready mix trucks:

- Ready mix trucks will be dispatched from a commercial batch plant as close as possible to the site to ensure that the trucks can return to the batch plant without the need to wash out the drum.
- No dumping of excess concrete will be permitted anywhere else but back at the concrete supplier's batch plant.
- This method statement and the minimum requirements should be provided to the concrete supplier.

 CONSTRUCTION • CIVILS • WATER • ELECTRICAL • ACADEMY	METHOD STATEMENT		Doc No :	TP – EMS 011
	MANAGEMENT OF CEMENT AND THE PUMPING OF READY MIX CONCRETE		Rev No :	00
			Rev Date :	30/11/2020

- The truck chute must be covered with a “sock” after concrete pouring in order to prevent concrete spillage on public roads.
- Plastic sheeting will be placed on the tar road during delivery of ready-mix to prevent spillage onto the road.

Concrete pump:

- The concrete pump will be stationed adjacent to the construction site where it will be easily accessible for the concrete trucks.
- A large drip tray should be used where possible to catch any excess concrete or washings.
- The waste concrete should then be disposed of as rubble.
- Any servicing or emergency repair work on the concrete pump must be done by a trained service crew, with the necessary trip trays and spill kits.

Cement on site:

- The correct storage of cement on site must be communicated by means of Toolbox Talks.
- Any concrete / mortar mixing on site must be done in a designated area on mixing trays.
- Empty cement bags can be disposed of with other waste to a licenced landfill site.
- No burning of cement bags will be allowed at all.