

	<b>The Supply and Delivery of Drumming Cement for Nuclear Operating Unit</b>	<b>User Requirement Specifications</b>
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Title: **The Supply and Delivery of Drumming Cement for Nuclear Operating Unit**

Area of Applicability:

**Koeberg Power Nuclear Station**

Functional Area:

**Materials Management**

Revision:

**1**

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## 1 SCOPE OF WORK

The Supply and Delivery of Drumming Cement for the Nuclear Operating Unit.

## 2 DESCRIPTION OF THE SERVICES

The Supply and Delivery of Drumming Cement for the Nuclear Operating Unit, to enable the processing of solid radioactive waste into concrete drums.

The below table and statement provide details of Drumming Cement.

Material nr	Description	Long Description	Rounded 5-year qty
0114728	CEMENT:CEMI 52.5N;BAG 1 T	DSG-318-003; 0021/86Q; Q3:NSF:NC: NEV; CEMENT; MNF: AFRISAM/PPC; TYPE: CEM III 42.5N to CEM I 52.5N; CONTAINER: BAG 1 T; 1 BAG = 1000KG; SUPPLIER TO NOTIFY PROCUREMENT / STORES AND RADWASTE 2DAYS BEFORE ANY DELIVERY IS PHYSICALLY MADE TO KOEBERG. PLEASE NOTIFY SECURITY IF DELIVERY IS TO BE MADE AFTER HOURS)	300 ea

The supplier shall make provision for Quality Control and Procurement Quality Engineering inspections during manufacturing, where applicable.

Certificates of conformance to the specification and all test results and analyses required by SABS 471-1971 shall be made available according to the design specifications. Each certificate of conformance and test result shall specify the date of manufacture.

The following requirements shall apply to cement delivered to the site:

- Cement shall be supplied in standard commercial packaging (4-ply paper bags, 50 KG net)
- The cement shall be suitably covered to prevent moisture ingress and damage during transport.
- Packaging shall be identifiable to cement type, manufacturer's name, and date of manufacture.

The supplier shall be able to ensure a constant supply of consumables on a weekly or monthly basis without the need for bulk once-off deliveries, where requested by Radwaste.

## 3 TRAINING

Site access training for delivery personnel, where applicable and required.

## 4 ACCESS FORMALITIES

Hard hats, safety boots, gloves, and safety glasses are mandatory safety equipment at Koeberg NOU. The supplier is responsible for supplying all his/her staff with this safety equipment.

## **5 ESKOM SCOPE OF SUPPLY**

Eskom shall supply the following in support of the supply and delivery of the listed products.

Eskom shall provide the supplier's delivery team access to the site. To prevent delays in the delivery process, the below contacts can be contacted for arrangements.

### **Batch 1: Drumming Cement**

- Carla le Roux                      021 550 5216                      Senior Supervisor
- Uguine Philander                      021 550 4234                      Senior Technician

## **6 QUALITY REQUIREMENTS**

Quality Level:              Q3  
As specified in the design specification

## **7 ABBREVIATIONS**

<b>Abbreviation</b>	<b>Meaning given to the abbreviation</b>
PO	Purchase Order
PR	Purchase Requisition
NOU	Nuclear Operating Unit
COC	Certificate of Conformance
COA	Certificate of Analysis
MSDS / SDS	Materials Safety Data Sheet

## **8 TIMING AND PLANNING**

Period of contract              5 years  
Start Date                      2025  
Completion Date              2029

## **9 DELIVERY TIMES**

The delivery times will be stipulated on the Purchase Order (PO), and it will be on an as-and-when-required basis. Delivery of all products shall be conducted by qualified drivers meeting Koeberg site access requirements.

## **10 METHOD**

Batch 1: Drumming Cement will be for stock replenishment. End users will request stock items via the stock reservation requests system. If the stock is low, the Inventory Planner will do a material run as per their schedule and raise a PR to be converted to a PO through the contract drawdown process. The Supplier will receive a PO to deliver and offload items at the Koeberg NOU Site Stores. The supplier shall contact the end-user before and on the day of delivery to confirm place of delivery.