

	SCOPE OF WORK	Unique Identifier	
		Revision	Rev. 0
		Revision Date	

## 1. SCOPE OF WORK

**SUPPLY AND DELIVERY OF ESKOM APPROVED YARD STONE INCLUDING TJ MARAIS TESTING AS PER ESKOM IDENTIFIED REQUIREMENTS ON VARIOUS SUBSTATIONS / SITES ACROSS ALL SOUTH AFRICAN PROVINCES.**



Eskom Rotek Industries require the following for SUBSTATIONS DEPARTMENT (VARIOUS PROJECTS) as per Eskom identified requirements on substations across all South African Provinces.



### SUPPLY AND DELIVERY OF ESKOM APPROVED YARD STONE INCLUDING TJ MARAIS TESTING

Item	Drawing	DESCRIPTION	UNIT
<b>1) THE SUPPLY AND DELIVERY OF ESKOM APPROVED YARD STONE INCLUDING TJ MARAIS TESTING AS PER ESKOM IDENTIFIED REQUIREMENTS ON VARIOUS SUBSTATIONS / SITES ACROSS ALL SOUTH AFRICAN PROVINCES.</b> <b>2) Supplier to comply with all Eskom SHEQ standards and requirements at all times.</b> <b>3) Supplier to contact SITE MANAGER for information and directions prior to delivery being made.</b> <b>4) Supplier Vehicles to comply to all relevant Eskom and Site specifications and regulations.</b> <b>5) All products to fully comply with applicable Eskom / SABS Specifications.</b>			
Item	Drawing	DESCRIPTION	UNIT
<b>1</b>	<b>SUPPLY AND DELIVERY OF APPROVED YARD STONE</b>		
1.1	SANS 1083:2014 SANS 3002:2012	Crushed stone with wet resistivity value of at least 3000'Ωm; of aggregate size between 26.5mm and 37.5mm nominal size as per SANS 1083:2014 and SANS 3002:2012 and Eskom approved test results in terms of: 1- Sieve Analysis 2 - Wet resistivity values determined by TJ Marais investigation into the electrical properties of crusher stone used in substation earthing systems. 3- XRD Analysis <b>APPROVAL REQUIRED PRIOR TO DELIVERY TO SITE</b>	m <sup>3</sup>
<b>2</b>	<b>SAMPLE SUBMISSION AND TESTING PER SITE</b>		
2.1	STANDARD FOR HV YARD STONES IN ESKOM TRANSMISSION SUBSTATIONS with unique identifier: 240-108982466	Sample testing including: 1- Sieve Analysis 2 - Wet resistivity values determined by TJ Marais investigation into the electrical properties of crusher stone used in substation earthing systems. 3- XRD Analysis	Sample per site

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2.2	STANDARD FOR HV YARD STONES IN ESKOM TRANSMISSION SUBSTATIONS with unique identifier: 240-108982466	Sample submission for approval to Megawatt Park including test results of: 1- Sieve Analysis 2 - Wet resistivity values determined by TJ Marais investigation into the electrical properties of crusher stone used in substation earthing systems. 3- XRD Analysis	Sample per site
3	DELIVERY		
3.1		Sample Delivery to Megawatt Park	km
3.2		Delivery to Site per Truck - Side Tipper	km

<b>Compiled by:</b>	<b>Supported by:</b>
	
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Project Manager (Acting)	Senior Project Manager (Acting)
Construction Services – Substations	Construction Services – Substations

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