

# CERTIFICATE OF ACCREDITATION

## OMAMANYA LABORATORY SERVICES (PTY) LTD

*Company Registration No: 2007/0158*

**Facility Accreditation Number: TEST-3 0002**

is a SADCAS accredited Testing Laboratory  
provided that all SADCAS conditions are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,  
Annexure "A", bearing the above accreditation number for

### CIVIL ENGINEERING

*The facility is accredited in accordance with the recognized International Standard*

### ISO/IEC 17025:2017

*The accreditation demonstrates technical competency for a defined scope and the operation  
of a laboratory quality management system*

*SADCAS is a subsidiary organization of SADC. A memorandum of understanding between SADC and  
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States  
as a multi-economy accreditation body*

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**Mrs Pinkie J Malebe**  
**For Chief Executive Officer**

**Date of Renewal of Accreditation: 15 March 2023**

**Effective Date (Issue No: 1): 15 March 2023**

**Certificate Expires: 14 March 2028**

**ANNEXURE A**  
**SCHEDULE OF ACCREDITATION**  
**CIVIL ENGINEERING**

**Laboratory Accreditation Number: TEST-3 0002 (ISO/IEC 17025:2017)**

<p><b>Permanent Address of Laboratory</b> Omamanya Laboratory Services (Pty) Ltd 6 Van Der Bijl Street Northern Industrial Area Windhoek Namibia</p> <p><b>Postal Address:</b> P O Box 11598 Klein Windhoek Namibia</p> <p><b>Tel</b> : +264 61 245 103 <b>Cell</b> : +264 81 410 6663 <b>Fax</b> : +264 61 245 101 <b>Email</b> : <a href="mailto:labmanager@omamanya.go.na">labmanager@omamanya.go.na</a></p>		<p><b>Technical Signatories</b> : Mr D C F McDonald (All methods) Mr W J Coetsee (All methods)</p> <p><b>Nominated Representative</b> : Mr W J Coetsee</p> <p><b>Issue No.</b> : 03 <b>Date of issue</b> : 09 December 2024 <b>Expiry Date</b> : 14 March 2028</p>
<b>MATERIALS/PRODUCTS TESTED</b>	<b>TYPES OF TESTS/ PROPERTIES MEASURED, RANGE OF MEASUREMENT</b>	<b>STANDARD SPECIFICATIONS, EQUIPMENT/ TECHNIQUES USED</b>
<b>Soils and Gravels</b>	<p>Wet Preparation and particle size analysis</p> <p>Determination of the liquid limit, plastic limit, plasticity index and linear shrinkage</p> <p>Determination of the moisture content by oven-drying</p> <p>Determination of the maximum dry density and optimum moisture content</p> <p>Determination of the California bearing ratio</p> <p>Determination of in situ density using a nuclear density gauge</p> <p>Particle size analysis of material smaller than 2mm (hydrometer method)</p>	<p>SANS 3001 – GR1 / TMH1: A1(a), A5</p> <p>SANS 3001 – GR10, GR11 / TMH1: A2, A3, A4</p> <p>SANS 3001 – PR20</p> <p>SANS 3001 – GR30 / TMH1: A7</p> <p>SANS 3001 – GR40 / TMH1: A8</p> <p>SANS 3001 – NG5 / TMH1:A10(b)</p> <p>SANS 3001 – GR3</p>

## ANNEXURE A

Laboratory Accreditation No: TEST-3 0002 (ISO/IEC 17025:2017)

Issue No: 03

Date of Issue: 09 December 2024

Date of Expiry: 14 March 2028

MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/ PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/ TECHNIQUES USED
<b>Aggregates</b>	Particle size analysis of aggregates by sieving	SANS 3001 – AG1 /TMH1:B4
	Determination of the average least dimension of aggregates by direct measurement	SANS 3001 – AG2 / TMH1: B18(a)
	Determination of the flakiness index of coarse aggregate	SANS 3001 – AG4 / TMH1: B3
	ACV (aggregate crushing value) and 10 % FACT (fines aggregate crushing test) values of coarse aggregates	SANS 3001 – AG10 / TMH1: B1, B2
	*Particle and relative densities of aggregates (Tests on concrete materials)	SANS 3001 – AG23
<b>Concretes</b>	Making and Curing of Test Specimens	SANS 5861-1,2,3
	Consistence of Freshly Mixed Concrete – Slump Test	SANS 5862-1
	Compressive Strength of Concrete Cubes	SANS 5863:2006
	Compressive Strength of Hardened Concrete Cores	SANS 865:1994
<b>Sampling</b>	Sampling from Sampling Pit in Natural Gravel, Soil and Sand	TMH5: MA2
	Sampling from Stockpiles	TMH5: MB1
	Sampling of Freshly Mixed Concrete	TMH5: MB9
	Sampling of Road Pavement Layers	TMH5: MC1
	Division of a Sample using a Riffler Division of a Sample by Quartering	TMH5: MD1 TMH5: MD2
<b>Geotechnical</b>	Measurement of the In-Situ Strength of Soils by Dynamic Cone Penetrometer	TMH6: ST6

Original date of accreditation: 1 December 2017

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**Pinkie J Malebe**  
**SADCAS Technical Manager**