

CERTIFICATE OF ACCREDITATION

BOTSWANA BUREAU OF STANDARDS (TESTING)

*Established by Act of Parliament,
The Standards Act of 1995*

Facility Accreditation Number: TEST-3 0001

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 subsidiarity 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*

Mrs Maureen P Mutasa
SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 08 May 2021
Effective Date (Issue No: 01): 08 May 2021
Certificate Expires: 07 May 2026

ANNEXURE A
SCHEDULE OF ACCREDITATION
CIVIL ENGINEERING

Laboratory Accreditation Number: TEST-3 0001 (ISO/IEC 17025:2017)

<p><u>Permanent Address of Laboratory:</u> Botswana Bureau of Standards Plot No.55745, Main Airport Road Block 8 Gaborone Botswana</p> <p><u>Postal Address</u> Private Bag BO48 Gaborone Botswana</p> <p>Tel : +267 390 3200/364 5632 Cell : +267 71 846 624 Fax : +267 390 3120 Email : saokonga@bobstandards.bw</p>	<p><u>Technical Signatories</u> : Ms G Motukwa (All methods) Ms K Malungwa (All methods)</p> <p><u>Management Signatory</u> : Mr P Masunga</p> <p><u>Nominated Representative</u> : Ms A Ramaselwane</p> <p><u>Issue No</u> : 04 <u>Date of Issue</u> : 18 March 2024 <u>Expiry Date</u> : 07 May 2026</p>	
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
<p>Burnt Clay Bricks</p> <p>Concrete Masonry Units</p> <p>Concrete Kerbs</p> <p>Concrete Paving Blocks</p> <p>Cement</p>	<p>Compressive Strength</p> <p>Cold Water Absorption</p> <p>Compressive Strength</p> <p>Transverse Strength</p> <p>Tensile Splitting Strength</p> <p>Water Absorption</p> <p>Consistency of Cement</p> <p>Setting Time of Cement</p> <p>Soundness of Cement</p> <p>Compressive Strength of Cement</p>	<p>BOS 28:2016 Clause 7.6 using Toni Technik Compressive Tester</p> <p>BOS 28:20116 Clause 7.9</p> <p>BOS 27:2016 Clause 6.5 using Toni Technik Compressive Tester</p> <p>BOS 103:2011 Clause 7.3 using Toni Technik Compressive Tester</p> <p>BOS 29: 2016 Clause 6.4 using Toni Technik Compressive Tester</p> <p>BOS 29: 2016 Clause 6.6</p> <p>BOS EN 197-1: 2011 (EN 196-3) Using Toni Technik Apparatus</p> <p>BOS EN 197-1: 2011 (EN 196-3) Using Toni Technik Apparatus</p> <p>BOS EN 197-1: 2011 (EN 196-3) Using Toni Technik Apparatus</p> <p>BOS EN 197-1: 2011 (EN 196-1) Using Toni Technik Apparatus</p>

Original date of accreditation: 11 May 2016

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Pinkie J Malebe
SADCAS Technical Manager