

CERTIFICATE OF ACCREDITATION

ESWATINI WATER SERVICES CORPORATION METER VERIFICATION LABORATORY

Established by Section 3 of Swaziland Water Services Act, 1992 (Act No. 12 of 1992)

Facility Accreditation Number: VER-1 001

is a SADCAS accredited Verification 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

VOLUME MEASURING INSTRUMENTS

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

Original date of accreditation: 15 October 2019
Effective Date (Issue No: 2): 29 October 2020
Certificate Expires: 14 October 2024

ANNEXURE A

SCHEDULE OF ACCREDITATION

VOLUME MEASURING INSTRUMENTS

Laboratory Accreditation Number: **VER-1 001 (ISO/IEC 17025:2017)**

<p>Permanent Address of Laboratory Eswatini Water Services Corporation King Mswati III Avenue Plot 237 Matsapha Eswatini</p> <p>Postal Address P O Box 20 Mbabane, H100 Eswatini</p> <p>Tel : +268 2416 9000/2416 9500 Cell : +268 78 087134 Email : nokwanda.mhlanga@ewsc.co.sz;</p>			<p>Technical Signatories : Ms Theodorah Els Ms Fikile Mbuli Mrs Andile Dlamini</p> <p>Nominated Representative : Ms Nokwanda Mhlanga</p> <p>Issue No : 04 Date of Issue : 05 July 2023 Expiry Date : 14 October 2024</p>			
ITEM	FIELD OF VERIFICATION	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	MAXIMUM PERMISSIBLE ERROR (±)
1	<u>Regulatory:</u> Supply of services as a verification laboratory in the field of Water Meters in terms of the Metrology Act 1991 (Act No. 12 of 1991)	<u>Water Meters:</u> Verification of mechanical water meters for cold potable water with nominal bore <u>Bore size:</u> Not exceeding 15 mm	<u>Internal:</u> <i>MV 01</i> <u>Reference:</u> <i>OIML R49-1</i> <i>OIML R49-2</i>	Qp 1350-1500 L/h Qt 22.5 – 24.75 L/h Qmin 15.0 – 16.5 L/h	±1.3 % ±1.3 % ±3.3 %	<u>New Meter</u> Qp & Qt = ±2 % Qmin = ±5% <u>In-use Meter</u> Qp & Qt = ±4 % Qmin = ±10%

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Pinkie J Malebe
SADCAS Technical Manager

