

CERTIFICATE OF ACCREDITATION

BETACH PTY LIMITED LABORATORY

Company Registration No. BW00001541872

Facility Accreditation Number: TEST-5 0074

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

CHEMICAL ANALYSIS

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 Pinkie J Malebe
For Chief Executive Officer

Effective Date (Issue No: 1): 18 October 2022
Certificate Expires: 17 October 2027

ANNEXURE A
SCHEDULE OF ACCREDITATION
CHEMICAL ANALYSIS

Laboratory Accreditation Number: TEST-5 0074 (ISO/IEC 17025:2017)

<p><u>Permanent Address of Laboratory</u> Betach Pty Ltd Laboratory Plot 17010 Area A Francistown Botswana</p> <p><u>Postal Address</u> P O Box 500210 Area W Francistown Botswana</p> <p><u>Tel</u> : +267 241 3339 <u>Cell</u> : +267 72 301 771 <u>Email</u> : jmbada@betach.co.bw</p>		<p><u>Technical Signatories</u> : Mr T Madziva (pH and Nitrate) Mr N Nyathi (Viscosity & Breakdown Voltage)</p> <p><u>Nominated Representative</u> : Ms J Mbada</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 31 August 2023 <u>Expiry Date</u> : 17 October 2027</p>	
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED	
<p><u>Water</u> Drinking, Surface, and Wastewater</p> <p><u>Oil</u> Hydraulic, Transformer, used oil Transformer Oil</p>	<p>pH</p> <p>Nitrate</p> <p>Viscosity at 40 degrees Celsius</p> <p>Breakdown Voltage</p>	<p>ISO 10523: 2008(E)</p> <p>ISO 15923-1: 2013</p> <p>ASTMD 445</p> <p>IEC 60156: 2018-08</p>	

Original date of accreditation: 18 October 2022

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Pinkie J Malebe
SADCAS Technical Manager