

CERTIFICATE OF ACCREDITATION

ESWATINI ENERGY REGULATORY AUTHORITY

Established by the Energy Act of 2007 and Petroleum Act of 2020

Facility Accreditation Number: TEST-5 0088

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*

Eve Christine Gadzikwa
SADCAS Chief Executive Officer

Effective Date (Issue No: 1): 11 March 2024
Certificate Expires: 10 March 2029

ANNEXURE A
SCHEDULE OF ACCREDITATION
CHEMICAL TESTING

Laboratory Accreditation Number: TEST-5 0088 (ISO/IEC 17025:2017)

<p><u>Permanent Address of Laboratory</u> Eswatini Energy Regulatory Authority Sandla Township DIVT Premises, opposite ECOT Mbabane Eswatini</p> <p><u>Postal Address</u> P O Box 7137 Mbabane Eswatini</p> <p>Tel : +268 2404 2103/8425 Cell : +268 7808 6202 Email : Sanele.Thwala@esera.org.sz</p>	<p><u>Technical Signatories</u> : Mr S Thwala (All methods) Ms T C Nhlabathi (All methods) Ms N H Msibi (All methods)</p> <p><u>Nominated Representative</u> : Mr S Thwala</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 01 May 2026 <u>Expiry Date</u> : 10 March 2029</p>	
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/ PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/ TECHNIQUES USED
Diesel & Petrol Fuel	Density at 20°C	PET/LAB/SOP 001-A (ASTM D7042)
	Density at 20°C	PET/LAB/SOP 001-B (ASTM D4052)
	Distillation	PET/LAB/SOP 008 – B (ASTM D86)
Diesel Fuel	Kinematic Viscosity at 40°C	PET/LAB/SOP 003-A (ASTM D7042)
	Flash Point	PET/LAB/SOP 004-A (ASTM D93)
	Water	PET/LAB/SOP 002-B (ASTM D6304)

Original date of accreditation: 11 March 2024

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Pinkie J Malebe
SADCAS Technical Manager