

CERTIFICATE OF ACCREDITATION

SGS MOZAMBIQUE – MINERALS TESTING LABORATORY

Company Registration No. 101932710

Facility Accreditation Number: TEST-5 0092

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 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*

Eve Christine Gadzikwa
SADCAS Chief Executive Officer

Effective Date (Issue No: 1): 27 August 2024
Certificate Expires: 26 August 2029

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0092 (ISO/IEC 17025:2017)**

| <p><u>Permanent Address of Laboratory</u> SGS Mozambique – Coal Testing Laboratory Avenida Da Namaacha KM 1.5 No 8274 Cidade De Maputo Mozambique</p> <p><u>Postal Address</u> N/A</p> <p><u>Tel</u> : +258 21 728 090 <u>Cell</u> : +258 84 313 5750 <u>Email</u> : bright.mukaro@sgs.com</p> | | | <p><u>Technical Signatories:</u> Ms A Makonokaya (All methods) Mr A J Mulambo (All methods) Mr B M Mukaro (All methods) Mr F P Massingue (All methods) Mr S C Salimo (All methods) Mr C Utui (Sampling, General Sample Preparation, Total Moisture, Particle Size Distribution)</p> <p><u>Nominated Representative</u> : Mr B M Mukaro</p> <p><u>Issue No</u> : 01 <u>Date of Issue</u> : 27 August 2024 <u>Expiry Date</u> : 26 August 2029</p> | | |
|--|--|--|---|--|--|
| MATERIALS/PRODUCTS TESTED | TYPES OF TESTS/ PROPERTIES MEASURED, RANGE OF MEASUREMENT | STANDARD SPECIFICATIONS, EQUIPMENT/ TECHNIQUES USED | | | |
| Coal Testing | Sampling General Sample Preparation Particle Size Distribution Determination of Total Moisture Content Determination of Ash Content Determination of Moisture Content Determination of Volatile Content Determination of Sulphur Determination of CHN Content Determination of Oxygen Content Determination of Calorific Value | ISO 18283: 2022 ISO 13909-4: 2016 ISO 1953: 2015 ASTM D2961/ISO 589: 2008 ASTM D3174/ISO1171: 2010 ASTM D3173/ISO 11722: 2013 ISO 562: 2010 ASTM D4239/ISO19579: 2006 ASTM D5373/ISO 29541: 2010 ASTM D3176/ISO 17247: 2020 ASTM D 5865/ISO 1928: 2020 | | | |

Original date of accreditation: 27 August 2024

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Pinkie J Malebe
SADCAS Technical Manager