

CERTIFICATE OF ACCREDITATION

HIGH DUE (PTY) LTD t/a SIZA MINERALS LAB

Company Registration No. CO2016/21493

Facility Accreditation Number: TEST-5 0036

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

Date of Renewal of Accreditation 16 October 2023
Effective Date (Issue No: 1): 16 October 2023
Certificate Expires: 15 October 2028

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0036 (ISO/IEC 17025:2017)**

<p>Permanent Address of Laboratory High Due (Pty) Ltd T/A Siza Minerals Laboratory Plot 365, Palapye Industrial Area Palapye Botswana</p> <p>Postal Address N/A</p> <p>Tel : +267 7492 1946 Cell : +27 73 485 7216/ +267 7718 1459 Email : sboniso@sizalabs.co.za</p>		<p>Technical Signatories : Mr S Masondo (Item 1 - 6) Mr T Thatayaone (Item 1 - 6) Ms M Mmusi (Item 7 - 13) Mr A Botumile (Item 7 - 13)</p> <p>Nominated Representative : Mr S Masondo</p> <p>Issue No : 03 Date of Issue : 01 August 2025 Expiry Date : 15 October 2028</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Coal	Ash Content Volatile Matter Moisture in Coal Calorific Value at constant value Total Moisture Sample Preparation Particle Size Distribution Float and Sinks	In-house Method based on SMWP014 ISO 562:2010 by Volatile Furnace SANS 5925:2010 by Oven ISO 1928:2020 by SuperCal ISO 589:2010 by Oven ISO 13909-4:2016 by Cross Splitter ISO 1953:2015 Size Grading by Sieves ISO 7936:2022 Density by Zinc Chloride
Drinking Water	Total Suspended Solids Total Dissolved Solids Cu, Fe, Mg, Mn, K, Co, Cr, Ca, Al pH Electrical conductivity	BOBS 241 by Gravimetric BOBS 241 by Gravimetric BOBS 241 by ICP-OES BOBS 241 by pH meter BOBS 241 by Conductivity meter

Original date of accreditation: 25 January 2019

Page 1 of 1

Pinkie J Malebe
SADCAS Technical Manager