

# **CERTIFICATE OF ACCREDITATION**

*In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-*

## **ELEMENT MATERIALS TECHNOLOGY SOUTH AFRICA (PTY) LTD**

**Co. Reg. No.: 2015/025446/07**

Facility Accreditation Number: **T0729**

is a South African National Accreditation System accredited facility  
provided that all conditions and requirements are complied with

This certificate is valid as per the scope as 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 recognised International Standard

**ISO/IEC 17025:2017**

The accreditation demonstrates technical competency for a defined scope and the operation of a  
quality management system

While this certificate remains valid, the Accredited Facility named above is authorised to  
use the relevant accreditation symbol to issue facility reports and/or certificates

---

**Mr T Baleni**

**Acting Chief Executive Officer**

**Effective Date: 14 July 2021**  
**Certificate Expires: 13 July 2026**

ANNEXURE A  
**SCHEDULE OF ACCREDITATION**

Facility Number: **T0729**

**Permanent Address of Laboratory:**

Element Material Technology South Africa (Pty) Ltd  
 Unit D2,  
 Firgrove Business Park  
 9 Quantum Road  
 Somerset West  
 7130

**Technical Signatories:**

- Ms P Booï (SA TM 004 W, SA TM 005 & SA TM 015 W&S, SA TM 036 W&S, SA TM015W, SA TM 016 W&S)
- Ms M Tiki (All methods excl. SA TM 015 W&S, SA TM 004 W, SA TM 005, SA TM 036 W&S and SA TM 016 W&S)
- Ms N Sijula (SA TM 019, SA TM 020W, SA TM 027, SA TM 028, SA TM 032W, SA TM 037W, SA TM 048W, SA TM 057W, SA TM 191W)
- Mr M Menziwa (SA TM 015W, SA TM 015S, SA TM 036W, SA TM 036S)
- Mr S Sibanda (SA TM 019, SA TM 028, SA TM 057W)
- Ms M Magwentshu (SA TM 019, SA TM 020W, SA TM 028, SA TM 032W, SA TM 037W, SA TM 057W, SA TM 057W, SA TM 191W)
- Mr G Ondrejkoivic (SA TM 032W, SA TM 019, SA TM 028, SA TM 027, SA TM 057W, SA TM 020W, SA TM 036, SA TM 037W, SA TM 015S, SA TM 015W, SA TM 016S, SA TM 016W, SA TM 005, SA TM 191W)

**Postal Address:**

Unit D2, Firgrove Business Park  
 9 Quantum Road  
 Somerset West  
 7130

**Nominated Representative:**

Mr G Ondrejkoivic

**Tel:** (021) 842 - 0071

**Issue No.:** 12

**Fax:** N/A

**Date of Issue:** 13 October 2021

**E-mail:** greg.onrejkoivic@element.com

**Expiry Date:** 13 July 2026

Material or Products Tested	Type of Tests/ Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
<b>CHEMICAL</b>		
Surface water, tap water, groundwater	Determination of Chemical Oxygen Demand	SA TM 057W
	Determination of Electrical Conductivity (EC) at 25°C	SA TM 028
	Determination of Total Suspended solids	SA TM 037W
	Volatile Organic Compound and Fuel Oxygenates by GC-MS Headspace	SA TM 015W
	PAH's by GC-MS	SA TM 004W
	GRO, MBTEX and CWG by GC-FID	SA TM 036W
	Semi Volatile Organic Compounds (SVOCs) by GCMS	SA TM 016W
	Determination of Orthophosphate as PO <sub>4</sub> by Colorimetric measurement	SA TM 191W

Surface water, tap water, groundwater, Soil	Determination pH at 25°C	SA TM 019
	Determination of Hydrocarbons (MTBE, TAME, Benzene, Toluene, Ethylbenzene, m/p Xylene, O-Xylene, Naphthalene)	SA TM 015W; SA TM 015S
	Determination of Extractable Petroleum Hydrocarbons between C <sub>8</sub> - 40	SA TM 005
Surface water, groundwater	Determination of Ferrous iron (Fell)	SA TM 048W
	Determination of Total Alkalinity	SA TM 032W
	Determination of Total Dissolved solids and Total solids	SA TM 020W
	Determination of Flouride, Chloride, Calcium, Magnesium, Ammonium, Nitrite, Nitrate & Sulphate, Potassium, Sodium.	SA TM 027
Soils	Anions in Soils	SA TM 027
	Volatile Organic Compound by GC- MS	SA TM 015S
	GRO, MBTEX and CWG by GC-FID	SA TM 036S
	Semi Volatile Organic Compounds (SVOCs) by GCMS	SA TM 016S

---

Original Date of Accreditation: 14 July 2016

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

---

**Accreditation Manager**