

# **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:-*

**SKYSIDE (PTY) LTD**

**Co. Reg. No.: 2014/276266/07**

Facility Accreditation Number: **T0701**

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

## **EMISSION TESTING AND ANALYSIS**

The facility is accredited in accordance with the recognised International Standard

**ISO/IEC 17025:2005**

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 R Josias**  
**Chief Executive Officer**

**Effective Date: 15 December 2015**  
**Certificate Expires: 14 December 2020**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

Facility Number: **T0701**

**Permanent Address of Laboratory:**

Skyside (Pty)Ltd  
 33 Henry Pennington Road  
 Ninian Westmead Estate  
 Unit 2, Building 4  
 Alexander Park  
 3610

**Technical Signatories:**

Mr Q Hurt (All methods incl. Ambient Air)  
 Mrs J Richards (All methods excl. Ambient Air )  
 Mr B Grant (All methods excl. Ambient Air)  
 Mr P Frans (All methods excl. BS EN 13211, BS EN14385, US EPA 26A, CTM 027, US EPA8 & US EPA6, ISO 11338-1, BS EN 1948-1, EN 1911, Ambient Air)  
 Ms S Dube (All methods excl. Ambient Air)  
 Mr J Roberts (All methods excl. Ambient Air))  
 Mr G Ravenscroft (Ambient Air only)  
 Mr D Mamba (All methods excl. BS EN 13211, BS EN14385, US EPA 26A, CTM 027, US EPA 8 & US EPA 6, ISO 11338-1, BS EN 1948-1, EN 1911, US EPA 25B, US EPA 16C & Ambient Air)

**Postal Address:**

P O Box 1726  
 Westville  
 3630

**Nominated Representative:**

Ms A Sewpersad

**Tel:** (031) 100 1300

**Issue No.:** 04

**Fax:**

**Date of Issue:** 18 April 2018

**E-mail:** as@skyside.co.za

**Expiry Date:** 14 December 2020

Material or Products Tested	Type of Tests/ Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
-----------------------------	--	--

**ALL SITES - EMISSION MONITORING**

SO <sub>2</sub>	0 to 3000 ppm	BS 6069-4.4, US EPA 6C
NOx	0 to 2500 ppm	EN 14792, US EPA 7E
CO	0 to 5000 ppm	EN 15058, US EPA 10, ISO 12039
Total Dust	0 to 1000 mg/m <sup>3</sup>	EN 13284-1, US EPA 5, US EPA 17
Oxygen	0 to 25%	EN 14789, US EPA 3A, ISO 12039
TVOC	0 to 30000 ppm	US EPA 25B

Gas Flow in ducts	1 to 50 m/s	US EPA 2, EN16911-1
H <sub>2</sub> S	0 to 3000 ppm	US EPA 16C
CO <sub>2</sub>	0 - 30%	ISO 12039, US EPA 3A
Water content of Gas stream	0 - 65%	US EPA 4
Mercury (Hg)	1µg/m <sup>3</sup> to 0.5mg/m <sup>3</sup>	BS EN 13211
Trace Metals (As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Tl, V) as individual compounds	5µg/m <sup>3</sup> to 0.5mg/ m <sup>3</sup>	BS EN 14385
Halides & Halogens and Ammonia (HCl, HF, NH <sub>3</sub> ) as individual compounds	40 ppm to 2000 ppm	US EPA 26, US EPA 26A, CTM 027
SO <sub>2</sub> , SO <sub>3</sub> & Sulphuric Acid Mist as individual compounds	3mg/m <sup>3</sup> - 80g/m <sup>3</sup>	US EPA 8 AND US EPA 6
PAH	0.1 - 6000µg/ Nm <sup>3</sup>	ISO 11338-1
PCDDs/ PCDFs	0.01 to 1.00 ng I-TEQ/Nm <sup>3</sup>	BS EN 1948-1
Gaseous Chlorides	1mg/m <sup>3</sup> to 5g/m <sup>3</sup>	EN 1911
<b>DURBAN LABORATORY (33 Henry Pennington Road, Ninian Westmead Estate, Unit 2, Building 4, Alexander Park)</b>		
Total Dust	0 to 1000 mg/m <sup>3</sup>	EN 13284-1, US EPA 5, US EPA 17
Gravimetry	1 - 220g	EN 13284-1, US EPA 5
<b>JOHANNESBURG LABORATORY (259 Kent Avenue, Ferndale, Randburg)</b>		
Total Dust	0 to 1000 mg/m <sup>3</sup>	EN 13284-1, US EPA 5, US EPA 17
Gravimetry	1 - 220g	EN 13284-1, US EPA 5

**CAPE TOWN LABORATORY (360 Business Park, 8 Section Street, Paarden Eiland)**

**AMBIENT AIR QUALITY  
MONITORING**

Ambient Air at Airport Company South Africa (Cape Town International Airport)	SO <sub>2</sub>	T 100 EQSA 0495-100
	NO <sub>x</sub> (NO <sub>2</sub> + NO)	T 200 RFNA 1194-099
	CO	T 300 RFCA 1093-093
	O <sub>3</sub>	T 400 EQOA 0992-087
	PM <sub>10</sub>	EQPM-0516-239
	PM <sub>2.5</sub>	EQPM-0516-238
	PM <sub>10-2.5</sub>	EQPM-0516-240

---

Original Date of Accreditation: 15 December 2015

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

---

**Accreditation Manager**