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South African National Accreditation System

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:-

MATROLAB GROUP (PTY) LTD
Co. Reg. No.: 2003/029180/07
RUSTENBURG

Facility Accreditation Number: **T0560**

is a South African National Accreditation System accredited Testing laboratory provided that all SANAS 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

CIVIL ENGINEERING TESTING

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 laboratory quality management system

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

Dr E Steyn
Acting Chief Executive Officer

Effective Date: 04 October 2013
Certificate Expires: 03 October 2018

ANNEXURE A

SCHEDULE OF ACCREDITATION

Facility Number: T0560

Permanent Address of Laboratory:
Matrolab Group (Pty) Ltd - Rustenburg
Old Kroondal Mill Building
Old Pretoria Road
Kroondal
Rustenburg

Postal Address:
Postnet Suite 4446
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E-mail: sunild@matrolab.co.za

Technical Signatories: Mr JE Coetzee, Mr S Dewnath

Nominated Representative: Mr S Dewnath

Issue No.: 01
Date of Issue: 04 October 2013
Expiry Date: 03 October 2018

Materials / Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Equipment / Technique Used
Soil, Aggregates Concrete	The wet preparation and sieve analysis of gravel, sand and soil samples	TMH1 Method A1 (a)
	The determination of the liquid limit of soils by means of flow curve method	TMH1 Method A2
	The determination of the plastic limit and plasticity index of soils	TMH1 Method A3
	The determination of the linear shrinkage of soils	TMH1 Method A4
	The determination of the percentage of of material passing a 0,075 mm sieve in a soil sample	TMH1 Method A5
	The determination of the maximum dry density and optimum moisture content of gravel, soil and sand	TMH1 Method A7
	The determination of California Bearing ratio of untreated soils and gravels	TMH1 Method A8
	The determination of the California Bearing ratio of lime stabilized soils and gravels	TMH1 Method A9

Original Date of Accreditation: 04 October 2013

Field Manager

ANNEXURE A

Facility No.: T0560
Date of Issue: 04 October 2013
Expiry Date: 03 October 2018

Materials / Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Equipment / Technique Used
Soil, Aggregates Concrete	The determination of the in place dry density and moisture content of soils and gravels by nuclear methods	TMH1 Method A10(b)
	The determination of the unconfined compressive strength of stabilized soils, gravels and sands	TMH1 Method A14 including (Appendix to method A14 and TMH1 Method A13T)
	Tentative method for the determination of the indirect tensile strength of stabilized materials	TMH1 Method A16T
	The determination of the moisture content of soils	TMH1 Method A17
	The determination of the aggregate crushing value	TMH1 Method B1
	The determination of the 10% fines aggregate value	TMH1 Method B2
	The determination of the flakiness Index of a coarse aggregate	TMH1 Method B3
	The sieve analysis of aggregates, including the determination of the material passing the 0,425mm and 0,075 mm sieves	TMH1 Method B4
	The Determination of the of the bulk density of coarse and fine aggregate	TMH1 Method B9
	The determination of the average least dimension of aggregate by direct measurement	TMH1 Method B18(a)
	The making, curing and compressive strength determination of concrete test cubes	TMH1 Method D1& SANS 5863 (including SANS 5861-2 and SANS 5861-3)
	The determination of the slump of freshly mixed concrete	TMH1 Method D3 & SANS 5862-1

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Field Manager