

CERTIFICATE OF ACCREDITATION

This is to certify that:

MATROLAB GROUP (PTY) LTD
DURBAN

Facility Accreditation Number: **T0239**

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 on the accompanying schedule of accreditation
bearing the above accreditation number for


CIVIL ENGINEERING TESTING

The facility complies with the general requirements of

ISO/IEC 17025:2005

*This accreditation demonstrates technical competency for a defined scope and the operation
of a laboratory quality management system and shall remain in force subject to continuing
compliance with SANAS accreditation criteria, ISO/IEC 17025:2005 and any further
requirements specified by SANAS*

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



Mr MA Peet

Chief Executive Officer

Initial Accreditation: July 2004

Certificate Commences: March 2008

Certificate Expires: July 2009

*"Recognized as the official national accreditation body by the Department of Trade and Industry of the
Republic of South Africa"*

This certificate is only valid when accompanied by its schedule of accreditation.

SCHEDULE OF ACCREDITATION

Testing Laboratory Number: T0239

<p>Permanent Address of Laboratory: Matrolab Group (Pty) Ltd Unit 7 Pennylane Park 64 Ebonyfield avenue Springfield Park Durban</p> <p>Postal Address: P O Box 74663 Rochdale Park 4034</p> <p>Tel : (031) 579-1220 Fax : (031) 579-1344 E-mail : lawrenceg@matrolab.co.za</p>	<p>Management signatory : Mr SL Govender</p> <p>Technical Signatories : Mr SL Govender : Mr K Sivanarain</p> <p>Nominated Representative : Mr SL Govender</p> <p>Issue No. : 05 Date of issue : May 2008 Expiry date : July 2009</p>	
Materials/Products Tested	Types of Tests/Properties Measured, Range of Measurement	Standard Specifications, Equipment/ Techniques Used
<u>SOILS</u>	Sieve analysis and Atterberg limits Mod AASHTO UCS CBR (Natural) Wet dry durability Stabiliser content CBR (Stabilized) Nuclear density Sand Replacement Hydrometer analysis Indirect Tensile Strength (ITS)	TMH1 A1- A5 TMH1 A7 TMH1 A14 TMH1 A8 TMH1 A19 TMH1 A15d TMH1 A9 TMH1 A10b TMH1 A10a ASTM D422 TMH1 A 16T
<u>AGGREGATES</u>	Sand equivalent ACV (wet/dry) 10% FACT Flakiness index Sieve analysis ALD of aggregate Dry Bulk density, apparent relative density & water absorption +4.75 Dry Bulk density, apparent relative density & water absorption -4.75	TMH1 B19/SABS 838 TMH1 B1 TMH1 B2 TMH1 B3 TMH1 B4 TMH1 B18a TMH1 B14 TMH1 B15
<u>ASPHALT</u>	Stability and Flow determination Bulk relative density Maximum theoretical density Determination of binder content	TMH1 C2 including C2 appendix TMH1 C3 TMH1 C4a TMH1 C7a
<u>CONCRETE</u>	Making, curing and compressive strength of concrete cubes Determination of the slump	TMH1 D1/SABS 863 TMH1 D3/SABS 862 part 1

Original date of accreditation: July 2004

Page 1 of 1

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM


Field Manager