



## 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:-*

**KAYTECH ENGINEERED FABRICS (PTY) LTD  
GEOSYNTHETIC LABORATORY  
KWAZULU NATAL**

**Co. Reg. No.: 1966/007004/07**

**Facility Accreditation Number: T0303**

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

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**Mr R Josias  
Chief Executive Officer**

**Effective Date: 02 October 2011  
Certificate Expires: 01 October 2016**



## ANNEXURE A

## SCHEDULE OF ACCREDITATION

Facility Number: T0303

<p><b>Permanent Address of Laboratory:</b>          Geosynthetic Laboratory          11 Livingstone Road          Pinetown          3610          Kwazulu Natal</p> <p><b>Postal Address:</b>          PO Box 116          Pinetown          3600</p> <p>Tel: (031) 717-2360          Fax: (031) 702-3173          E-mail: <a href="mailto:vimal@kaytech.co.za">vimal@kaytech.co.za</a></p>	<p><b>Technical Signatories:</b> Mr GM James          Mr PD Julal          Mrs S Naidoo</p> <p><b>Nominated Representative:</b> Mr V Ramdhani</p> <p>Issue No.: 07          Date of Issue: 16 April 2012          Expiry Date: 01 October 2016</p>	
Materials / Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Equipment / Technique Used
<p><b>Geotextiles:</b>          Non-woven textiles          Woven tapes          Geo-grids          Geo-nets          Geosynthetic clay liners</p>	<p>Mass</p> <p>Thickness</p> <p>Strength</p> <p>Penetration Load</p> <p>Permeability</p> <p>Puncture Resistance</p> <p>Pore Opening Size</p> <p>Tensile Creep Behaviour</p> <p>Swell Index</p>	<p>SANS 10221:2007 (part 3.4 only)          EN ISO 9864:2006          ASTM D5261-92</p> <p>SANS 10221:2007          (excluding compressibility)          EN ISO 9863:2006          ASTM D5199-01</p> <p>SANS 10221:2007 (part 3.6 only) and          EN ISO 10319:2008          ASTM D4595-05</p> <p>SANS 10221:2007 (part 3.5 only)          EN ISO 12236:1996          ASTM D6241-04</p> <p>SANS 10221:2007 (part 3.7 only)</p> <p>ISO 13433-2006</p> <p>AS 3706.7-2003</p> <p>EN ISO 13431:1999 (excluding creep rupture)</p> <p>ASTM D5980-06</p>

Original Date of Accreditation: 02 October 2006

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ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

  
**Field Manager**