

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:-

OUTENIQUA LAB (PTY) LTD

Co. Reg. No.: 1995/007742/07

Facility Accreditation Number: **T0347**

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

Mr M Phaloane
Acting Chief Executive Officer

Effective Date: 01 February 2013
Certificate Expires: 31 January 2018

ANNEXURE A

Facility No.: T0347
Date of Issue: 15 February 2013
Expiry Date: 14 February 2018

Materials / Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Equipment / Technique Used
Aggregates	The determination of organic impurities in sand for concrete	TMH1:1986 B6
	The determination of the bulk density of coarse and fine aggregate	TMH1:1986 B9
	The determination of the effect of soluble deleterious material in fine aggregate for concrete	TMH1:1986 B12
	The determination of the average least dimension of aggregates by direct measurement	TMH1:1986 B18(a)
Asphalt	The determination of resistance to flow of cylindrical briquettes of a bituminous blend by means of the Marshall apparatus	TMH1:1986 C2
	The determination of the bulk relative density of compacted bituminous mixture and calculation of voids	TMH1:1986 C3
	The determination of binder content of a bituminous (indirect method)	TMH1:1986 C7(b)
Bitumen	Penetration of bituminous materials	ASTM D5-06
	Softening point of bitumen	ASTM D36-95
Concrete	The making of cubes including slump, curing and compressive strength determination of concrete test cube	SABS 5863:2006
	The drilling , preparation, and testing for compressive strength of cores taken from hardened concrete	SABS 865
Cement / Clay bricks	Compressive strength determination including capping	SABS 1215:1984 & SANS 227:2007
Site Investigation	Measurement of the Insitu strength of soils by the dynamic cone Penstrometer (DCP)	TMH6 Method ST6
	Sampling	TMH5
Concrete Paving Block	Tensile Splitting	SANS 1058

Original Date of Accreditation: 01 February 2008

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ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Field Manager