

ANNEXURE A
SCHEDULE OF ACCREDITATION

Facility Number: **T0347**

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Materials / Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
Soils and Gravels	Wet preparation and particle size analysis	SANS 3001-GR1:2013
	Wet preparation and air-drying of samples for plasticity index and hydrometer tests	SANS 3001-GR5:2012
	Determination of the one-point liquid limit, plastic limit, plasticity index and linear shrinkage	SANS 3001-GR10:2013
	Determination of the moisture content by oven-drying	SANS 3001-GR20:2010
	Determination of the maximum dry density and optimum moisture content	SANS 3001-GR30:2015
	Determination of the maximum dry density and optimum moisture content of laboratory mixed cementitiously stabilized materials	SANS 3001-GR31:2015
	Determination of the California Bearing Ratio	SANS 3001-GR40:2013
	Preparation, compaction and curing of specimens of laboratory mixed cementitiously stabilised materials	SANS 3001-GR50:2013
	Sampling and preparation, compaction and curing of field mixed freshly cementitiously stabilized materials including the determination of the maximum dry density and optimum moisture content	SANS 3001-GR51:2015

Aggregate

Determination of the unconfined compressive strength of compacted and cured specimens of cementitiously stabilised materials SANS 3001-GR53:2010

Determination of the indirect tensile strength of compacted and cured specimens of cementitiously stabilised materials SANS 3001-GR54:2014

The determination of the in-place dry density and moisture content of soils and gravels by Nuclear Method TMH1:A10(b):1987

Particle size analysis of aggregates by sieving SANS 3001-AG1:2014

Determination of the average least dimension of aggregates by direct method SANS 3001-AG2:2009

Determination of the flakiness index of coarse aggregates SANS 3001-AG4:2015

ACV (aggregate crushing value) and 10% FACT (fines aggregate crushing test) value of coarse aggregate SANS 3001-AG10:2012

Determination of the bulk density, apparent density and water absorption of aggregate particles retained on the 5mm sieve for road construction materials SANS 3001-AG20:2014

Determination of the bulk density, apparent density and water absorption of aggregate particles passing on the 5mm sieve for road construction materials SANS 3001-AG21:2014

The determination of organic impurities in sand for concrete TMH1:B6:1986

The determination of the bulk density of coarse and fine aggregate TMH1:B9:1986

The determination of the effect of soluble deleterious material in fine aggregate for concrete TMH1:B12:1986

Asphalt

The making of asphalt briquettes for Marshall tests and other specialised tests SANS 3001-AS1:2015

Determination of Marshall stability, flow and quotient SANS 3001-AS2:2011

Determination of bulk density and void content of compacted asphalt SANS 3001-AS10:2011

Determination of the maximum void-less density of asphalt mixes and the quantity of binder absorbed by the aggregate SANS 3001-AS11:2011

	Determination of the soluble binder content and particle size analysis of an asphalt mix	SANS 3001-AS20:2011
Bitumen	Penetration of bituminous materials	ASTM D5-06:2006
	Softening point of bitumen	ASTM D 36-09:2009
Concrete	The making and curing of test specimens	SANS 5861-3:2006
	Consistence of freshly mixed concrete (Slump test)	SANS 5862-1:2006
	Compressive strength of hardened concrete	SANS 5863:2006
	The drilling, preparation, and testing for compressive strength of cores taken from hardened concrete	SANS 5865:1994
Clay Bricks	Burnt clay masonry units (compressive strength)	SANS 227:2007
Cement Pavers/Bricks	Concrete masonry (Compressive strength)	SANS 1215:2008
Site Investigation	Measurement of the in situ strength of soils by the dynamic cone Penetrometer (DCP)	TMH6:ST6:1984
Sampling	Sampling from sampling pit in natural gravel, soil & sand	TMH5:MA2:1981
	Sampling from stockpiles	TMH5:MB1:1981
	Sampling from conveyor belts	TMH5:MB2:1981
	Sampling of premixed asphalt	TMH5:MB7:1981
	Sampling of freshly mixed concrete	TMH5:MB9:1981
	Sampling of road pavement layers	TMH5:MC1:1981
	Sampling of asphalt or concrete from a completed layer or structure	TMH5:MC2:1981
	Division of a sample using the riffler	TMH5:MD1:1981
	Division of a sample by quartering	TMH5:MD2:1981

Original Date of Accreditation: 01 February 2008

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Accreditation Manager