Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

2788

Accredited to ISO/IEC 17025:2005

GEO Laboratory Testing Services Limited

Issue No:004 **Issue date:** 02 October 2009

Units 24, 25 and 26
The Avenue
Delta Lakes
Llanelli
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SA15 2DS

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Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Units 24, 25 and 26 The Avenue Delta Lakes Llanelli Carmarthenshire SA15 2DS	**Local contact** Mr A Walters	Aggregates: physical tests Soils: physical tests Stabilized materials: physical tests	Laboratory

Site activities performed away from the locations listed above:

Location details		Activity	Location code
All locations suitable for the activities listed	Contact: Mr A Walters	Soils: physical tests	Site

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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Particle size distribution - sieving method	BS EN 933-1:1997	Laboratory
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:1998	Laboratory
	Loose bulk density and voids	BS EN 1097-3:1998	Laboratory
	Water content	BS EN 1097-5:1999	Laboratory
	Magnesium sulfate test (excluding simple petrographical description)	BS EN 1367-2:1998	Laboratory
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377:Part 2:1990	Laboratory
	Liquid limit - cone penetrometer	BS 1377:Part 2:1990	Laboratory
	Liquid limit - cone penetrometer - one point	BS 1377:Part 2:1990	Laboratory
	Plastic limit	BS 1377:Part 2:1990	Laboratory
	Plasticity index and liquidity index	BS 1377:Part 2:1990	Laboratory
	Particle size distribution - wet sieving	BS 1377:Part 2:1990	Laboratory
	Particle size distribution - dry sieving	BS 1377:Part 2:1990	Laboratory
	Particle size distribution - sedimentation - pipette method	BS 1377:Part 2:1990	Laboratory
	Particle density - gas jar	BS 1377:Part 2:1990	Laboratory
	Linear Shrinkage	BS 1377: Part 2:1990	Laboratory

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOILS for civil engineering purposes (cont)	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377:Part 4:1990	Laboratory
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377:Part 4:1990	Laboratory
	Dry density/moisture content relationship (vibrating hammer)	BS 1377:Part 4:1990	Laboratory
	Moisture condition value (MCV)	BS 1377:Part 4:1990	Laboratory
	MCV - natural moisture content	BS 1377:Part 4:1990	Laboratory
	MCV/moisture content relation	BS 1377:Part 4:1990	Laboratory
	California Bearing Ratio (CBR) *(loads from 0.2 to 50 kN)*	BS 1377:Part 4:1990	Laboratory
	One-dimensional consolidation properties	BS 1377:Part 5:1990	Laboratory
	Permeability in a triaxial cell	BS 1377:Part 6:1990	Laboratory
	Undrained shear strength - triaxial compression without measurement of pore pressure	BS 1377:Part 7:1990	Laboratory
	In-situ density - sand replacement method (large pouring cylinder)	BS 1377:Part 9:1990	Site
	In-situ density - core cutter method	BS 1377:Part 9:1990	Site
	Vertical deformation and strength characteristics by the incremental plate bearing test (*loads from 0 to 100kN*)	BS 1377:Part:9:1990	Site
	In-situ California Bearing Ratio (*loads from 0.2 to 28kN*)	BS 1377 Part:9:1990	Site

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOILS for civil engineering purposes (cont)	Determination of equivalent CBR value using the plate bearing test (*loads from 0 to 100 kN*)	Specification for Highway Works: Design Guidance for Road Pavement Foundations Interim Advice Note 73/06	Site
	Uniformity coefficient (221 2217)	BS 6100-2.2.1:1992	Laboratory
STABILIZED MATERIALS for civil engineering purposes - cement-stabilized and lime-stabilized materials	Dry density/moisture content relationship (2.5 kg rammer)	BS 1924-2:1990	Laboratory
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1924-2:1990	Laboratory
END			