Schedule of Accreditation

Organisation Name	IGSL Ltd
Trading As	
INAB Reg No	133T
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Website	http://www.igsl.ie
Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	04/11/2002
Scope Classification	Construction materials testing
Services available to the public[1]	Yes

[1] Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	**Address**
1	Head Office	Unit F, M7 Business Park, Naas, Kildare

Scope of Accreditation

Head Office

Construction Materials Testing

Category: A

Construction material/product - Tests	Matrix/methodology (where applicable if not insert n/a)	Equipment/technique	Range of measurement (where applicable)	Standard reference/SOP
212 Concrete - 212.10 Curing Specimens for Strength Tests	n/a			BS1881-111:1983
		20°C ± 2 °C		BS EN 12390-2:2019
212 Concrete - 212.11 Compressive Strength Tests (Cubes and Cylinders)			30 kN to 2000 kN	BS EN 12390-3:2019
			30 kN to 2000 kN	BS1881-116:1983
212 Concrete - 212.13 Density				BS EN 12390-7:2019
				BS1881-114:1983
213 Reinforced Concrete - 213.99 Other Tests		Compressive Strength of Cores	30 kN to 2000 kN	BS EN 12504:2019
216 Aggregates - .03 Sample reduction		Sample reduction by quatering		EN 932-2:1999
216 Aggregates - .04 Particle size distribution		Wash and dry sieving		BS EN 933-1:2012
216 Aggregates - .05 Flakiness index				BS EN 933-3:2012
216 Aggregates - .12 Aggregate crushing value (ACV)			30 kN to 2000 kN	BS812-110:1990

216 Aggregates - .13 Resistance to fragmentation	Los Angeles		BS EN 1097-2:2020
216 Aggregates - .13 Ten percent fines value			BS812-111:1990
216 Aggregates - .17 Water content	Oven Drying		EN 1097-5:2008
216 Aggregates - .18 Particle density and water absorption		Pyknometer 31.5-4mm	BS EN 1097-6:2013
216 Aggregates - .23 Magnesium sulphate			BS EN 1367-2:2009
218 Soils for Geotechnical Investigation & Testing:Lab Testing of Soils. Soils (Chemical Tests) - .01 Water content			ISO 17892-1:2014
			ISO 17892-1:2014/Amd 1:2022
218 Soils for Geotechnical Investigation & Testing:Lab Testing of Soils. Soils (Chemical Tests) - .02 Bulk density	Density by immersion		ISO 17892-2:2014
	Linear measurement method		ISO 17892-2:2014
219 Soils for civil engineering purposes - .02 Moisture content			BS 1377-2:1990
219 Soils for civil engineering purposes - .04 Liquid limit	Definitive and One Point Methods		BS1377-2:1990
	fall cone method		EN 17892-12:2018 +A1 2021
	Single point method		BS1377-2:2022
219 Soils for civil engineering purposes - .05 Plastic limit			BS1377-2:1990
			EN 17892-12:2018 +A1 2021
219 Soils for civil engineering purposes - .06 Plasticity index			BS1377-2:1990
			EN 17892-12:2018 +A1 2021
219 Soils for civil engineering purposes - .09 Density	Density by immersion		BS1377-2:1990
219 Soils for civil engineering purposes - .11 Particle size distribution	Wash and Dry sieve		EN 17892-4:2016

		Wash and dry sieving		BS1377-2:1990
219 Soils for civil engineering purposes - .13 Dry density/moisture content relationship		2.5kg, 4.5kg & Vibrating Hammer Methods		BS1377-2:2022
				BS1377-4:1990
219 Soils for civil engineering purposes - .15 Moisture condition value (MCV)		Natural Moisture content		BS1377-4:1990
		Natural Water Content		BS1377-2:2022
219 Soils for civil engineering purposes - .17 California bearing ratio			0.5 kN to 50 kN	BS1377-4:1990
			0.5kN - 50kN	BS1377-2:2022
219 Soils for civil engineering purposes - .25 Shear strength		300mm square Shearbox	50 - 500 kPa	ISO 17892-10:2018
		60mm square Shearbox	10 - 800 kPa	ISO 17892-10:2018
		Large Shearbox apparatus (300mm Sq)	50 - 500 kPa	BS1377-7:1990
		Small Shearbox apparatus (60mm Sq)	50 - 800 kPa	BS1377-7:1990
		Triaxial compression - definitive method	0.5 kN to 28 kN Load, 30 kPa to-600 kPa	BS1377-7:1990
		Unconsolidated Undrained Triaxial Test	20-600kPa. 38 - 105mm diameter	EN ISO 17892-8:2018
219 Soils for civil engineering purposes - .27 Permeabilty in a Triaxial Cell			50 kPa to 400 kPa Effective Stress	BS1377-6:1990
222 Rock - .03 Slake Durability and Swelling		Slake Durability		ISRM Suggested Method 1981
222 Rock - .06 Point Load Test				ISRM Suggested Method 1985

Head Office

Construction Materials Testing

Category: B

Construction material/product - Tests	Matrix/methodology (where applicable if not insert n/a)	Equipment/technique	Range of measurement (where applicable)	Standard reference/SOP
214 Soils (Site Tests) - .07 Equivalent CBR Value determined from PLT & DCP Data	n/a	Plate Bearing Test		In-House Method based on BS1377-9:1990, CBR calculation using "Design guidance for road pavement foundations" Draft HD25 2009
216 Aggregates - .02 Sampling stockpiles by hand				BS EN 932-1:1997