

Schedule of Accreditation



Organisation Name	IGSL Ltd
Trading As	
INAB Reg No	133T
Contact Name	Hugh Byrne
Address	Unit F, M7 Business Park, Naas, Kildare, W91 DY93
Contact Phone No	045-846180
Email	hughbyrne@igsl.ie
Website	http://www.igsl.ie
Accreditation Standard	ISO 17025 T
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 - .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 - .18 Particle density				Pyknometer 31.5-4mm	BS EN 1097-6:2013

and water absorption			
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
218 Soils for Geotechnical Investigation & Testing: Lab Testing of Soils. Soils (Chemical Tests) - .02 Bulk density	Density by immersion		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
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		BS1377-4:1990
219 Soils for civil engineering purposes - .15 Moisture condition value (MCV)	Natural Moisture content		BS1377-4:1990
219 Soils for civil engineering purposes - .17 California bearing ratio		0.5 kN to 50 kN	BS1377-4:1990
219 Soils for civil engineering	Large Shearbox apparatus	50 - 500 kPa	BS1377-7:1990

purposes - .25 Shear strength	(300mm Sq)		
	Small Shearbox apparatus (60mm Sq)	50 - 800 kPa	BS1377-7:1990
219 Soils for civil engineering purposes - .27 Permeability in a Triaxial Cell	Triaxial compression - definitive method	0.5 kN to 28 kN Load, 30 kPa to-600 kPa	BS1377-7:1990
		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