

# 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 <sup>1</sup>	Yes

<sup>1</sup> 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
216 Aggregates - .18 Particle density and water absorption
216 Aggregates - .23 Magnesium sulphate
218 Soils for Geotechnical Investigation & Testing: Lab Testing of Soils. Soils (Chemical Tests) - .01 Water content
218 Soils for Geotechnical Investigation & Testing: Lab Testing of Soils. Soils (Chemical Tests) - .02 Bulk density
219 Soils for civil engineering purposes - .02 Moisture content
219 Soils for civil engineering purposes - .04 Liquid limit
219 Soils for civil engineering purposes - .05 Plastic limit
219 Soils for civil engineering purposes - .06 Plasticity index
219 Soils for civil engineering purposes - .09 Density
219 Soils for civil engineering purposes - .11 Particle size distribution
219 Soils for civil engineering purposes - .13 Dry density/moisture content relationship
219 Soils for civil engineering purposes - .15 Moisture condition value (MCV)

		BS812-111:1990	
	Pyknometer 31.5-4mm	BS EN 1097-6:2013	
		BS EN 1367-2:2009	
		ISO 17892-1:2014	
Density by immersion		ISO 17892-2:2014	
		BS 1377-2:1990	
Definitive and One Point Methods		BS1377-2:1990	
fall cone method		EN 17892-12:2018 +A1 2021	
		BS1377-2:1990	
		EN 17892-12:2018 +A1 2021	
		BS1377-2:1990	
		EN 17892-12:2018 +A1 2021	
Density by immersion		BS1377-2:1990	
Wash and Dry sieve		EN 17892-4:2016	
Wash and dry sieving		BS1377-2:1990	
2.5kg, 4.5kg & Vibrating Hammer Methods		BS1377-2:2022	
		BS1377-4:1990	
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	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	
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