

Schedule of Accreditation



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Accreditation Standard ISO 17025 T
Date Initially Awarded 31/05/2011
Scope Classification Construction materials testing

Services available to the public¹

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 2, Northwest Business Park, Ballycoolin, Dublin, Dublin

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 - 212.07 Cored Specimen Examination	Hardened Concrete	Examination		BS EN 12504-1:2009		
		Preparation		BS EN 12504-1:2009		
		Testing for compressive strength		BS EN 12504-1:2009		
212 Concrete - 212.09 Making Specimens for Strength Tests	Concrete			BS EN 12390-2:2009		
212 Concrete - 212.10 Curing Specimens for Strength Tests				BS EN 12390-2:2009		
212 Concrete - 212.11 Compressive Strength Tests (Cubes and Cylinders)			30 - 3000kN	BS EN 12390-3:2009		
212 Concrete - 212.13 Density				BS EN 12390-7:2009		
215 Aggregates (Chemical Tests) - .13 Ten percent fines value	Aggregates (In dry and soaked conditions)		30 - 3000kN	BS 812-111:1990		
216 Aggregates - .03 Sample reduction	Aggregates			BS EN 932-2:1999		
216 Aggregates - .04 Particle size distribution		Sieving Method		BS EN 933-1:2012		
216 Aggregates - .05 Flakiness index				BS EN 933-3:2012		
216 Aggregates - .13 Resistance to fragmentation		Los Angeles Method		BS EN 1097-2:2010 (Clause 5, excluding Annex A)		
216 Aggregates - .14 Railway ballast: Resistance to fragmentation		LARB		BS EN 13450:2002 Modified for Railway Ballast - Annex C		
216 Aggregates - .17 Water content				BS EN 1097-5:2008		
216 Aggregates - .18 Particle density and water absorption			31.5-4mm	BS EN 1097-6:2013		

216 Aggregates - .23 Magnesium sulphate				BS EN 1367-2:2009		
216 Aggregates - .99 Other tests		Density & Water Content - Vibrating Hammer		BS EN 13286-4:2003		
		Methylene Blue		BS EN 933-9:2009 + A1:2013		
217 Bituminous materials - .05 Compaction	Bituminous materials			BS EN 12697-32:2003		
217 Bituminous materials - .14 Soluble binder content				BS EN 12697-1:2012		
217 Bituminous materials - .15 Binder content		Ignition		BS EN 12697-39:2012		
217 Bituminous materials - .18 Particle Size distribution				BS EN 12697-2:2015		
217 Bituminous materials - .19 Maximum density		Procedure A (Volumetric)		BS EN 12697-5:2009 (incorporating corrigendum 2012)		
217 Bituminous materials - .28 Bulk density		Method A (Dry), B (S.S.D), C (Sealed Specimen), D (Dimensions)		BS EN 12697-6:2012		
217 Bituminous materials - .29 Air voids content				BS EN 12697-8:2003		
217 Bituminous materials - .33 Percentage refusal density (PRD)				BS 598-104:1989		
219 Soils for civil engineering purposes - .02 Moisture content		Soils	Oven Drying Method		BS 1377-2:1990	
219 Soils for civil engineering purposes - .04 Liquid limit	Cone Penetrometer (one point method) Definitive Method			BS 1377-2:1990		
219 Soils for civil engineering purposes - .05 Plastic limit				BS 1377-2:1990		
219 Soils for civil engineering purposes - .06 Plasticity index				BS 1377-2:1990		
219 Soils for civil engineering purposes - .11 Particle size distribution	Wet and Dry Sieving			BS 1377-2:1990		
219 Soils for civil engineering purposes - .13 Dry density/moisture content relationship	Using the 2.5kg, 4.5kg & vibrating hammer			BS 1377-4:1990		
219 Soils for civil engineering purposes - .15 Moisture condition value (MCV)	Natural Moisture Method			BS 1377-4:1990		
219 Soils for civil engineering purposes - .17 California bearing ratio				BS 1377-4:1990		
219 Soils for civil engineering purposes -	Undrained shear strength triaxial		0.25kN - 50kN	BS 1377-7:1990		

.25 Shear strength		without measurement of pore water pressure				
219 Soils for civil engineering purposes - .26 Shear strength effective stress		Direct shear (large shear box apparatus)		BS 1377-7:1990		
230 Cementitious Materials (Portland Cement) Physical Tests - .02 Compressive Strength	Portland Cement		Loads 2-100 kN	BS EN 196-1:2016		
230 Cementitious Materials (Portland Cement) Physical Tests - .03 Flexural Strength			Loads 2-100 kN	BS EN 196-1:2016		
230 Cementitious Materials (Portland Cement) Physical Tests - .04 Making & Curing Strength Specimens				BS EN 196-1:2016		
230 Cementitious Materials (Portland Cement) Physical Tests - .05 Standard Consistence				BS EN 196-3:2005 + A1 2008		
230 Cementitious Materials (Portland Cement) Physical Tests - .06 Setting Times				BS EN 196-3:2005 + A1 2008		
232 Other Cementitious Materials - .01 Moisture Content			n/a			BS EN 15167-1:2006
232 Other Cementitious Materials - .99 Other Tests		Activity Index		BS EN 15167-1:2006		
		Initial Setting Time		BS EN 15167-1:2006		

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		
212 Concrete - 212.01 Sampling	Concrete (composite and spot samples)			BS EN 12350-1:2009		
212 Concrete - 212.04 Workability	Concrete (slump)			BS EN 12350-2:2009		
212 Concrete - 212.06 Air Content	Concrete	Pressure gauge method		BS EN 12350-7:2009		
212 Concrete - 212.09 Making Specimens for Strength Tests	Concrete (cubes)			BS EN 12390-2:2009		
214 Soils (Site Tests) - .04 In-situ Density Tests	Soils	Nuclear method, compliance testing		BS 1377-9:1990		
214 Soils (Site Tests) - .05 In-situ Penetration Tests (DCP, SPT and Proctor)		Dynamic Cone Penetrometer	Depths up to 1.5m	Documented in-house method TP 43 based on Transport Research Laboratory (TRL) PR/INT/277/04 and National Roads Authority (NRA) Highway Documents HD 25-26/2010		
214 Soils (Site Tests) - .06 In-situ Vertical Deformation and Strength Tests (PLT)			4 - 200kN	BS 1377-9:1990		
214 Soils (Site Tests) - .07 Equivalent CBR Value determined from PLT & DCP Data		Calculation of Equivalent CBR, Elastic Modulus (MN/m ² /m), Modulus of subgrade reaction (kN/m ² /m), Stiffness modulus (MN/m ²)		In-house method MIL/TP 042, based on (NRA) National Roads Authority Highway Documents:- HD 25-26/2010, HD 25/1994 and Series 600 NRA Specification for roadworks.		
216 Aggregates - .02 Sampling stockpiles by hand		Aggregates			BS EN 932-1:1997	
217 Bituminous materials - .35 Texture depth	Surfaces	Surface macro texture using a volumetric patch		BS EN 13036-1:2010		