Schedule of Accreditation

Organisation Name	Mattest (Ireland) Ltd Dublin
Trading As	
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Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	31/05/2011
Scope Classification	Construction materials testing

Services available to the public[1]

[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	Galway Laboratory	Mattest Galway Office, Coolough, Coolough Road, Galway, Ireland
2	Head Office - Dublin Laboratory	Unit 2, Northwest Business Park, Ballycoolin, Dublin, Dublin

Scope of Accreditation

Galway Laboratory

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	Concrete			IS EN 12390-2:2019
212 Concrete - 212.11 Compressive Strength Tests (Cubes and Cylinders)			120 - 3000kN	IS EN 12390-3:2019
212 Concrete - 212.13 Density				IS EN 12390-7:2019

Galway Laboratory

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.		IS EN 12350-1:2019
212 Concrete - 212.04 Workability		Slump		IS EN 12350-2:2019
212 Concrete - 212.06 Air Content	Concrete	Pressure gauge method		IS EN 12350-7:2019
212 Concrete - 212.09 Making Specimens for Strength Tests	Concrete	Cubes		IS EN 12390-2:2019

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		IS EN 12504-1:2019
		Preparation		IS EN 12504-1:2019
		Testing for compressive strength		IS EN 12504-1:2019
212 Concrete - 212.09 Making Specimens for Strength Tests	Concrete			IS EN 12390-2:2019
212 Concrete - 212.10 Curing Specimens for Strength Tests				IS EN 12390-2:2019
212 Concrete - 212.11 Compressive Strength Tests (Cubes and Cylinders)			30 - 3000kN	IS EN 12390-3:2019
212 Concrete - 212.13 Density				IS EN 12390-7:2019
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			IS EN 932-2:1999
216 Aggregates - .04 Particle size distribution		Sieving Method		IS EN 933-1:2012
216 Aggregates - .05 Flakiness index				IS EN 933-3:2012
216 Aggregates - .13 Resistance to fragmentation		Los Angeles Method		IS EN 1097-2:2020
216 Aggregates - .17 Water content				IS EN 1097-5:2008
216 Aggregates - .18 Particle density and water absorption			31.5-4mm	IS EN 1097-6:2013
216 Aggregates - .23 Magnesium sulphate				IS EN 1367-2:2009
216 Aggregates - .99 Other tests		Density & Water Content - Vibrating Hammer		IS EN 13286-4:2003
		Methylene Blue		IS EN 933-9:2022

217 Bituminous materials - .05 Compaction	Bituminous materials			IS EN 12697-32:2019
217 Bituminous materials - .19 Maximum density		Procedure A (Volumetric)		IS EN 12697-5:2018
217 Bituminous materials - .28 Bulk density		Method A (Dry), B (S.S.D), C (Sealed Specimen), D (Dimensions)		IS EN 12697-6:2020
217 Bituminous materials - .29 Air voids content				IS EN 12697-8:2018
218 Soils for Geotechnical Investigation & Testing:Lab Testing of Soils. Soils (Chemical Tests) - .01 Water content	Soils			EN ISO 17892-1:2014
219 Soils for civil engineering purposes - .02 Moisture content		Oven Drying Method		BS 1377-2:1990
	Soils & Rock			ASTM D2216-19
219 Soils for civil engineering purposes - .04 Liquid limit	Soils	Cone Penetrometer (one point method) & Definitive Method		BS 1377-2:1990
		Fall cone method		EN ISO 17892-12:2018
219 Soils for civil engineering purposes - .05 Plastic limit				BS 1377-2:1990
				EN ISO 17892-12:2018
219 Soils for civil engineering purposes - .06 Plasticity index				BS 1377-2:1990
				EN ISO 17892-12:2018
219 Soils for civil engineering purposes - .11 Particle size distribution		Sieving method		EN ISO 17892-4:2016
		Uniformity Coefficient		Specification for Road Works Series 600 - Earthworks (including Erratum No. 1, dated June 2013). Table 6/1, Footnote 5.
		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 - .25 Shear strength		Undrained shear strength triaxial without measurement of pore water pressure	0.25kN - 50kN	BS 1377-7:1990
219 Soils for civil engineering purposes - .26 Shear strength effective stresss		Direct shear (large shear box apparatus)		BS 1377-7:1990
222 Rock - .03 Slake Durability and Swelling				ASTM D4644-16
229 Construction Products - .01 Dimensions	Hardened concrete	Shape & dimensions for specimens		EN 12390-1:2012
229 Construction Products - .02 Compressive Strength	Masonry units			EN 772-1:2011+A1:2015
229 Construction Products - .52 Strength	Hydraulically bound mixtures	Compressive strength	20-2000kN	EN13286-41:2003
229 Construction Products - .58 Mortar	Flexural and compressive strength of hardened mortar			IS EN 1015-11:2019

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.		IS EN 12350-1:2019
212 Concrete - 212.04 Workability		Slump		IS EN 12350-2:2019
212 Concrete - 212.06 Air Content	Concrete	Pressure gauge method		IS EN 12350-7:2019
212 Concrete - 212.09 Making Specimens for Strength Tests	Concrete	Cubes		IS EN 12390-2:2019
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/m2/m), Modulus of subgrade reaction (kN/m2/m), Stiffness modulus (MN/m2)		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			IS EN 932-1:1997
217 Bituminous materials - .35 Texture depth	Surfaces	Surface macro texture using a volumetric patch		IS EN 13036-1:2010