

Schedule of Accreditation



Organisation Name	CMTL (Ireland) Ltd
Trading As	
INAB Reg No	392T
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Website	https://www.cmtlabs.ie
Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	21/09/2021
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	Materials Laboratory, Unit D Zone 5, Clonminam Business Park, Portlaoise, Laois

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 - 212.01 Sampling	Concrete	Composite; Spot; Slum		BS EN 12350-1: 2019; BS EN 12350-2: 2019;
212 Concrete - 212.07 Cored Specimen Examination		Examining and Testing in Compression		BS EN 12504-1: 2019
212 Concrete - 212.09 Making Specimens for Strength Tests	Concrete Compressive Strength Tests (Cubes and Cylinders)	Making and Curing		BS EN 12390-2: 2019; BS EN 12390-3:2019
212 Concrete - 212.11 Compressive Strength Tests (Cubes and Cylinders)	Concrete	Including Curing, Shape and Dimension		BS EN 12390-1: 2021; BS EN 12390-2: 2019; BS EN 12390-3: 2009
212 Concrete - 212.13 Density				BS EN 12390-7: 2019
214 Soils (Site Tests) - .04 In-situ Density Tests	Soils Site Tests	Nuclear Method Compliance Testing / Comparative Testing		BS 1377-9:1990
214 Soils (Site Tests) - .06 In-situ Vertical Deformation and Strength Tests (PLT)		Plate Loading		BS 1377-9: 1990
216 Aggregates - .02 Sampling stockpiles by hand	Aggregates	Fine and Coarse Sampling		BS EN 932-1: 1997
216 Aggregates - .03 Sample reduction		Using Riffle Box; Reduction by Quartering; Reduction to a test portion of a specified mass within a tolerance		BS EN 932-2: 1999

216 Aggregates - .04 Particle size distribution		Sieving		BS EN 933-1: 2012
216 Aggregates - .05 Flakiness index				BS EN 933-3: 2012
216 Aggregates - .09 Assessment of fines		Methylene Blue Test		BS EN 933-9: 2009 +A1: 2013
216 Aggregates - .11 Microdeval co-efficient				BS EN 1097-1: 2011
216 Aggregates - .12 Railway ballast: Micro deval co-efficient				BS EN 1097-1: 2011 Annex A
216 Aggregates - .13 Resistance to fragmentation		Los Angeles Method		BS EN 1097-2: 2020
216 Aggregates - .14 Railway ballast: Resistance to fragmentation				BS EN 1097-2: 2020 Annex A
216 Aggregates - .15 Loose bulk density and voids				BS EN 1097-3: 2008
216 Aggregates - .17 Water content		Oven Drying Method		EN 1097-5:2008
216 Aggregates - .18 Particle density and water absorption		Pyknometer method for aggregate particles between:	0.063mm and 4mm; 4mm and 31.5mm	BS EN 1097-6: 2013 Clause 8 and Clause 9
216 Aggregates - .23 Magnesium sulphate				BS EN 1367-2: 2009 (Not including Annex B and Annex C)
219 Soils for civil engineering purposes - .02 Moisture content	Soils for Civil Engineering Purposes	Oven Drying Method		BS 1377-2: 1990
219 Soils for civil engineering purposes - .04 Liquid limit			(One point method) & Definitive Mehtod	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	Soils for Engineering Purposes			BS 1377-2: 1990
219 Soils for civil engineering purposes - .07 Liquidity index	Soils for Civil Engineering Purposes			BS 1377-2: 1990
219 Soils for civil engineering purposes - .11 Particle size distribution	Soils for Engineering Purposes	Wet Sieving; Dry Sieving		BS 1377-2: 1990
219 Soils for civil engineering purposes - .12 Uniformity coefficient	Soils for Civil Engineering Purposes			NRA Manual of Contract Documents Volume 1. Specification for Roadworks, Series 600, Table 6/1, Footnote 5

219 Soils for civil engineering purposes - .13 Dry density/moisture content relationship		2.5KG; 4.5KG plus Vibrating Hammer		BS 1377-4: 1990
219 Soils for civil engineering purposes - .15 Moisture condition value (MCV)		Natural Moisture Content		BS 1377-4: 1990
219 Soils for civil engineering purposes - .17 California bearing ratio		Loads 0.2KN - 50KN; 2.5Kg Rammer; 4.5KG Rammer; Vibrating Hammer; Dynamic Cone Penetrometer		BS 1377-4:1990 Interim Advice Note (IAN) 73/06 - Design Guidance for Road Pavement Foundations (HD25/94): 2009 Rev 1
219 Soils for civil engineering purposes - .20 Permeability		Horizontally permeability of road drainage layers using permeability box		CD225 Rev 1 Design Manual for Roads and Bridges Volume 4, Section 2 HA/41/90: Appendix A
219 Soils for civil engineering purposes - .25 Shear strength		Shear Box with Straps		BS 1377-7:1990 Specification for Highways Works Volume 1 Clause 636 and Clause 639 February 2016
219 Soils for civil engineering purposes - .26 Shear strength effective stress		Large Shear Box		BS 1377-7: 1990
220 Highways/roads and other paved surfaces including airfields - .05 Texture depth	Road Pavement Surfaces	Sand Patch Method		BS 598-105 2000 Clause 5
220 Highways/roads and other paved surfaces including airfields - .06 Pavement surface macrotexture depth				BS EN 13036-01: 2010
220 Highways/roads and other paved surfaces including airfields - .07 Surface regularity				Specification for Highways Works Series 700, Clause 702 (TRRL Supplementary Report 290: 1977)
222 Rock - .03 Slake Durability and Swelling	Rock			ASTM D4644-16
227 Unbound & Hydraulically Bound Mixtures - .01 Laboratory reference density	Unbound and Hydraulically Bound Mixtures			BS EN 13286-4: 2003
227 Unbound & Hydraulically Bound Mixtures - .02 Water content		Vibrating Hammer		BS EN 13286-4: 2003
229 Construction Products - .01 Dimensions	Construction Products			BS EN 772-16: 2011

229 Construction Products - .04 Net and Gross Bulk Density				BS EN 772-13: 2000
229 Construction Products - .15 Capillary Absortion				BS EN 772-11: 2011
229 Construction Products - .32 Flatness Deviation				BS EN 772-20: 2000
229 Construction Products - .46 Moisture Expansion				BS EN 772-14: 2002