

Accreditation Certificate

Mattest (Ireland) Ltd

Unit 128, Baldoyle Industrial Estate, Baldoyle, Dublin 13

Testing Laboratory

Registration number: 286T

is accredited by the Irish National Accreditation Board (INAB) to undertake testing as detailed in the Schedule bearing the Registration Number detailed above, in compliance with the International Standard ISO/IEC 17025:2005 2nd Edition "General Requirements for the Competence of Testing and Calibration Laboratories"

(This Certificate must be read in conjunction with the Annexed Schedule of Accreditation)

Date of award of accreditation: 31:05:2011

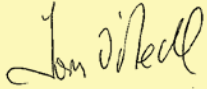
Date of last renewal of accreditation: 31:05:2011

Expiry date of this certificate of accreditation: 31:05:2016

This Accreditation shall remain in force until further notice subject to continuing compliance with INAB accreditation criteria, ISO/IEC 17025 and any further requirements specified by the Irish National Accreditation Board.

Manager: 

Dr Adrienne Duff

Chairperson: 

Mr Tom O'Neill

Issued on 31 May 2011

Organisations are subject to annual surveillance and are re-assessed every five years. The renewal date on this Certificate confirms the latest date of renewal of accreditation. To confirm the validity of this Certificate, please contact the Irish National Accreditation Board.

The INAB is a signatory of the European co-operation for Accreditation (EA) Testing Multilateral Agreement (MLA) and the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement.

Schedule of Accreditation



(Annex to Accreditation Certificate)

Permanent Laboratory:
Category A,B

MATTEST (IRELAND) LTD

Construction Material Testing Laboratory

Initial Registration Date : 31-May-2011
Postal Address: Mattest (Ireland) Ltd
(Address of other locations as they apply) Unit 128 Baldoyle Industrial Estate
Baldoyle
Dublin 13

Telephone: +353 (1) 8325731
Fax: +353 (1) 8325781
E-mail: info@mattest.ie
Contact Name: Mr Barry Gilroy Technical & Area Manager
Facilities: Public testing service

Schedule of Accreditation



Permanent Laboratory:
 Category A,B

THE IRISH NATIONAL ACCREDITATION BOARD (INAB) is the Irish body for the accreditation of organisations including laboratories.

Laboratory accreditation is available to testing and calibration facilities operated by manufacturing organisations, government departments, educational institutions and commercial testing/calibration services. Indeed, any organisation involved in testing, measurement or calibration in any area of technology can seek accreditation for the work it is undertaking.

Each accredited laboratory has been assessed by skilled specialist assessors and found to meet criteria which are in compliance with ISO/IEC 17025 or ISO/IEC 15189 (medical laboratories). Frequent audits, together with periodic inter-laboratory test programmes, ensure that these standards of operation are maintained.

Testing and Calibration Categories:

- Category A:** Permanent laboratory calibration and testing where the laboratory is erected on a fixed location for a period expected to be greater than three years.
- Category B:** Site calibration and testing that is performed by staff sent out on site by a permanent laboratory that is accredited by the Irish National Accreditation Board.
- Category C:** Site calibration and testing that is performed in a site/mobile laboratory or by staff sent out by such a laboratory, the operation of which is the responsibility of a permanent laboratory accredited by the Irish National Accreditation Board.
- Category D:** Site calibration and testing that is performed on site by individuals and organisations that do not have a permanent calibration/testing laboratory. Testing may be performed using
- (a) portable test equipment
 - (b) a site laboratory
 - (c) a mobile laboratory or
 - (d) equipment from a mobile or site laboratory

Standard Specification or Test Procedure Used:

The standard specification or test procedure that is accredited is the issue that is current on the date of the most recent visit, unless otherwise stated.

Glossary of Terms

Facilities:

- Public calibration/testing service:** Commercial operations which actively seek work from others.
- Conditionally available for public calibration/testing:** Established for another primary purpose but, more commonly than not, is available for outside work.
- Normally not available for public calibration/testing:** Unavailable for public calibration/testing more often than not.

Laboratory users wishing to obtain assurance that calibration or test results are reliable and carried out to the Irish National Accreditation Board criteria should insist on receiving an accredited calibration certificate or test report. Users should contact the laboratory directly to ensure that this scope of accreditation is current. INAB will, on request, verify the status and scope.

Scope of Accreditation



Mattest (Ireland) Ltd

Permanent Laboratory:
Category A

Construction Material Testing Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
212 Concrete		
.12	Compressive strength of cubes (loads 200 - 2000 kN)	BS EN 12390-3:2009
.23	- Including curing of Cubes	BS EN 12390-2:2009
.27	- Density of Cubes	BS EN 12390-7:2009
.24 Concrete hardened Concrete	Cored Specimens:- - Examination - Preparation - Testing for compressive strength	BS EN 12504-1:2009
.21	Making Concrete Cubes	BS EN 12390-2:2009

Scope of Accreditation



Mattest (Ireland) Ltd

Permanent Laboratory:

Category A

Construction Material Testing Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
216 Aggregates		
.03	Reducing laboratory samples	BS EN 932-2:1999
.34	Moisture content - Oven Drying Method	BS 812-109:1990
.13	Particle size distribution - Washing & sieving - Dry sieving	BS 812-103.1:1985 BS 812-103.1:1985
.13	Particle size distribution: - Sieving method	BS EN 933-1:1997
.17	Flakiness Index	BS EN 933-3:1997
.22	Resistance to fragmentation - Los Angeles method	BS EN 1097-2:2010 Clause 5, excluding Annex A
.34	Water Content	BS EN 1097-5:2008
	Density & Water Content - Vibrating Hammer	BS EN 13286-4:2003

Scope of Accreditation



Mattest (Ireland) Ltd

Permanent Laboratory:
Category A

Construction Material Testing Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
217 Bituminous Mixtures .11 for roads and other paved areas	Binder content & Grading of mineral aggregates - Extraction bottle method with binder determination by difference Soluble Binder content - Percentage Refusal Density (PRD) Binder content by ignition Particle size distribution	BS 598-102:2003 BS EN 12697-1:2005 BS 598-104:1989 BS EN 12697-39:2004 BS EN 12697-2:2002

Scope of Accreditation



Mattest (Ireland) Ltd

Permanent Laboratory:
Category A

Construction Material Testing Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
218 Soils		
.11	Moisture content - oven drying method	BS 1377-2:1990
.31	Particle size distribution - wet sieving - dry sieving	BS 1377-2:1990
.11	Moisture condition Value (MCV) - natural moisture content	BS 1377-4:1990
.31	Liquid limit - cone petrometer one point method - definitive method	BS 1377-2:1990
.31	Plastic Limit	BS 1377-2:1990
.31	Plasticity Index	BS 1377-2:1990
.11	Dry density/moisture Content relationship using the - 2.5 kg Rammer - 4.5 kg rammer - vibrating hammer	BS 1377-4:1990
.41	Undrained shear Strength triaxial - triaxial compression without measurement of pore pressure (0.25kN to 50kN)	BS 1377-7:1990

Scope of Accreditation



Mattest (Ireland) Ltd

Permanent Laboratory:
Category B

Construction Material Testing Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
212 Concrete		
.01	Sampling - composite sample - spot sample	BS EN 12350-1:2009
.12	Slump	BS EN 12350-2:2009
.21	Making concrete cubes	BS EN 12390-2:2009
.13	Air content of fresh concrete - Pressure gauge method	BS EN 12350-7:2009

Scope of Accreditation



Mattest (Ireland) Ltd

Permanent Laboratory:
Category B

Construction Material Testing Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
216 Aggregates .01	Sampling - from stockpiles	BS EN 932-1:1997
224 Road Pavements .30 - Surfaces	Surface macro texture using a volumetric patch	BS EN 13036-1:2002
254 Soils for Civil .10 Engineering Purposes	In situ bulk density - nuclear method - compliance testing	BS 1377-9:1990