

Schedule of Accreditation



Organisation Name	CTL Tástáil Teo
Trading As	Composites Testing Laboratory
INAB Reg No	92T
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Accreditation Standard	ISO 17025 T
Date of award of accreditation	29/06/1998
Scope Classification	Mechanical 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	Údarás Industrial Estate, An Choill Rua, Indreabhán, Galway

Scope of Accreditation

Head Office

Mechanical Testing

Category: A

Product categories - Tests	Test detail	Product detail	Range of Measurement	Equipment/Technique	Std. Ref & SOP
1129 Plastic and related products - .11 Tension tests	Aerospace series Carbon fibre reinforced plastics Determination of notched and unnotched tensile strength	Carbon Fibre Reinforced plastics	-55°C to 180°C	SOP-91 Tensile Procedure EN6035	EN 6035: 2015
	Carbon fibre reinforced plastics - Unidirectional laminates - Tensile test parallel to the fibre direction	Carbon fibre reinforced plastics - Unidirectional laminates - Tensile test parallel to the fibre direction	-55°C to 180°C	SOP-61 Tensile Procedure BS EN2561 _1995	EN 2561: 1995
	Carbon fibre reinforced plastics - Unidirectional laminates - Tensile test perpendicular to the fibre direction	Carbon fibre reinforced plastics - Unidirectional laminates - Tensile test perpendicular to the fibre direction	-55°C to 180°C	SOP-72 Tensile Procedure BS EN2597 _1998	EN2597:1998
1129 Plastic and related products - .19 Shear tests	Aerospace series fibre reinforced plastics test method: Determination of in-plane shear properties (+ 45° tensile test).	Fibre reinforced plastics composites	-55°C to 180°C	SOP-62 IPS Procedure EN 6031	EN 6031: 2015
	ASTM C273 - Standard Test Method for Shear Properties of Sandwich Core Materials	ASTM C273 - Standard Test Method for Shear Properties of Sandwich Core Materials	-55°C to 180°C	SOP 97 - Core Shear C273	ASTM C273-20

	ASTM C297 - Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions	ASTM C297 - Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions	-55°C to 180°C	SOP-75 Flatwise Tension Test Procedure C297	ASTM C297-16
	Carbon fibre reinforced plastics - Unidirectional laminates - Determination of the apparent interlaminar shear strength	Carbon Fibre Reinforced plastics	-55°C to 180°C	SOP-63 ILSS Procedure BS EN2563	EN2563 : 1997
	Standard Test Method for Shear Properties of Materials by the V-Notched Beam Method.	Materials reinforced by high-modulus fibers	-55°C to 180°C	SOP-70 V-Notch Shear Procedure ASTM D5379	ASTM D5379 -12
1129 Plastic and related products - .20 Compression tests	Aerospace series Carbon fibre reinforced plastics Determination of notched, unnotched and filled hole compression strength.	Carbon Fibre Reinforced plastics	-55°C to 180°C	SOP-93 Compression Procedure EN6036	EN 6036: 2015
	Aerospace series Fibre reinforced plastics Test method Determination of the compression strength after impact.	Fibre reinforced plastics composites	-55°C to 180°C	SOP-69 Compression After Impact Procedure EN6038	EN 6038: 2015
	Aerospace series, Carbon thermosetting resin, unidirectional laminates, compression test parallel to the fibre direction.	Carbon thermosetting resin, unidirectional laminates, compression test parallel to the fibre direction	-55°C to 180°C	SOP-65 Compression Procedure BS EN2850	PrEN 2850 : 1997
1129 Plastic and related products - .99 Other tests	Aerospace series Carbon fibre reinforced plastics Determination of interlaminar fracture toughness energy Mode I	Carbon Fibre Reinforced plastics	-55°C to 180°C	SOP-95 GIC Procedure EN6033	EN 6033: 2015
	Aerospace series Carbon fibre reinforced plastics Determination of interlaminar fracture toughness energy Mode II		-55°C to 180°C	SOP-96 GIIC Procedure EN6034	EN 6034: 2015
	Aerospace series Fibre reinforced plastics	Fibre reinforced plastics composites	-55°C to 180°C	SOP-92 Bolt Bearing Procedure EN6037	EN 6037 : 2015

	Determination of bearing strength				
	Aerospace series fibre reinforced plastics test method: Determination of glass transition temperature.		N/A	SOP-57 DMA Procedure EN6032	EN 6032: 2015
	Carbon fibre laminates – Determination of the fibre, resin and void contents	Carbon Fibre Reinforced plastics	N/A	SOP-56 Fibre Volume Fraction Procedure BS EN2564	BS EN2564 (1998)
	Carbon fibre reinforced plastics - Unidirectional laminates - Flexural test parallel to the fibre direction		-55°C to 180°C	SOP-64 Flexure Procedure BS EN2562	EN 2562:1997
	Plastics – Methods for determining the density of non-cellular plastics	Non-cellular plastics	N/A	SOP-55 Density Procedure ISO 1183-1 Method A	ISO 1183-1 Method A (2012)
	Standard test method for climbing drum peel of adhesives.	Sandwich Structures	-55°C to 180°C	SOP-98 Climbing Drum Peel Procedure	ASTM D1781-98 (2012)
	Standard Test method for flexural properties of sandwich constructions.		-55°C to 180°C	SOP-94 Flexure Procedure ASTM C393	ASTM C393-16
	Test method for the determination of the effect of exposure to humid atmosphere on physical and mechanical characteristics	Fibre reinforced plastics	N/A	SOP-06 Operating of Analytical Balance and weighing of conditioned specimens	PrEN 2823:1998