


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 0147 Accredited to ISO/IEC 17025:2017	Trescal Limited	
	Issue No: 031 Issue date: 29 October 2024	
	Park Gate Close Bredbury Park Way Bredbury Stockport SK6 2SL	Contact: Mr Pedro Mendes Tel: +44 (0)161 406 7878 Fax: +44 (0)161 406 7979 E-Mail: calibration.manchester@trescal.com Website: www.trescal.com
Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ENGINEERING COMPONENTS FOR THE WEAPONS AEROSPACE MOTOR and GENERAL INDUSTRY	General Dimensional Range 0 mm to 2000 mm Best measurement capability:- 0.008 mm + (0.010 x Lm) mm 0.25 minutes of arc	BS EN ISO 286-2:2010 BS EN 22768-1:1993
JIGS, FIXTURES and PRESS TOOLS	General Dimensional Range 0 mm to 2000 mm Best measurement capability:- 0.005 + (0.010 x Lm) mm 0.25 minutes of arc	BS 1098:Part 1:1967 BS 1098:Part 2:1977 BS 5078:1974
SCREW THREADS and BOLTS	Dimensional Measurements, compliance with Standard Range 1 mm to 300 mm Best measurement capability:- 0.015 mm Effective diameter 0.015 mm Major diameter 0.015 mm Minor diameter Angle 20 minutes of arc	Single start parallel and taper symmetrical thread forms only.
ENGINEERING DRAWINGS	General Dimensional Range 0 mm to 2000 mm – First principles measurement. Range 0 to 500 mm x 700 mm x 400mm - CMM Best measurement capability:- 0.008 mm + (0.010 x Lm) mm 0.25 minutes of arc	BS 8888:2017
SURFACE FINISH – Ra	7.0 % of measured value or a minimum of 0.40 µm	BS 1134:2010



0147
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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Compression and Mechanical Connectors for Power Cables	<u>Electrical Product Tests</u> Prepared by Laboratory with customer's crimp tool or pre-prepared within requirements of:	BS 7609:1992 BS 7727:1994
Electrical Connectors	Electrical and mechanical performance of end termination/splices. Tensile test to 20,000 Newton Volt drop measurement Up to: 50 A (applied current).	BS 4579:Part 1: Table 1:1970 Defence Standard 59-71 Part 1: Issue 2 Table P at 20°C
Crimped Joints and cable:	Confirmation of crimping tools using sample end terminations. Tensile test to 20,000 Newton Volt drop measurement Up to: 50 A (applied current)	BS 5G178:Part 1:1993
	Pull to destruction Up to: 20,000 Newton Volt drop measurement Up to: 50 A (applied current)	BS 4579:Part 1:1970 Table 2 BS 5G 178:Part 1:1993 Table 1 BS 5057:1992 fig13 BS EN 60228:2005 BS EN 60999-1:2000 DEF-STAN 59-71: Part1/2:1993 As per Customer or Manufacture's specs
END		