SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

THE TRINIDAD AND TOBAGO BUREAU OF STANDARDS
1-2 Century Drive, Trincity Industrial Estate
Macoya, TUNAPUNA, Trinidad and Tobago
Ms. Saira Knox Phone: 001 868 662 8827

MECHANICAL

Valid To: April 30, 2023 Certificate Number: 5800.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on textiles, metals, weldments, electrical insulating gloves, electrical cables:

Test(s):	**Test Method(s):**
Mechanical	
Mechanical Products Laboratory	
Base Metal Thickness	LABP08-005*
Bend, Hardness, Tensile	ASME BVPC IX: 2019; ASTM A370-20; AWS D1.1/D1.1 M:2015; API 1104 (21st Edition)
Coating Mass	ASTM A90/A90M-13 (2018); LABP08-004*
Tensile	
Ferrous and Non-Ferrous Metals and Alloys	ASTM A370-20, ASTM E8/E8M-16a
Steel Reinforcing Bar	ASTM A615/615M-18e1, ASTM A706/A706M-16
Steel Round Wire Products	ASTM A370-20 (Annex A4), ASTM E8/E8M-16a
Unpainted Roofing Sheets	ASTM A370-20
Vickers (HV 10)	ASTM E92-17

Test(s):	Test Method(s):
Physical	
Fibre Products Laboratory	
Mass	ISO 3801-1977 (E), Method 5 Only
Count	ASTM D3775-17
Dimensional Changes of Garments After Home Laundering	AATCC 150:2018t
Rubbing	AATCC 8:2016e; Inc AATCC Evaluation Procedure 8 - 2010e(2017); 9 – Step Chromatic Transference Scale
Colour Fastness	
Laundering (Domestic and Commercial)	ISO 105-C06:2010; Test No A1 Inc AATCC Evaluation Procedure 1 2020; Grey Scale for Colour Change; AATCC Evaluation Procedure 2-2020: Gray Scale for Staining
Qualitative Fibre Analysis	
Natural Fibres (Cotton, Hemp, Linen, Fibroin (Animal), Silk, Keratin (Animal), Wool)	AATCC TM 20-2013(2018)
Quantitative Fibre Blend Analysis	AATCC TM 20A: 2020 Procedures 2, 3, 4, 5 & 7
Electrical	
Electrical Products Laboratory	
Insulating Rubber Gloves	
Visual Inspection and Surface Damage	ASTM D120-14a Clause 9.1, ASTM F496-20 Clause 6.4
AC-DC Proof Test / Volts, Current, Time (2.5 ~ 40 kV, < 30 A, 180s)	ASTM D120-14a Clause 11.1, 18.4.2, 18.5.2
AC-DC Proof Re-test / Volts, Current, Time (2.5 ~ 40 kV, < 30 A, 60s)	ASTM F496-20 Clause 7.1

*In-house methods

Accredited Laboratory

A2LA has accredited

THE TRINIDAD AND TOBAGO BUREAU OF STANDARDS

Macoya, Tunapuna, Trinidad and Tobago

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 19th day of May 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5800.01
Valid to April 30, 2023

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.