Schedule of Accreditation

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Trinidad and Tobago Bureau of Standards

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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
TEXTILE FABRICS (WOVEN, KNITTED, NON-WOVEN) FOR GARMENTS, CURTAINS, UPHOLSTERY FOR HOUSEHOLD AND INDUSTRIAL USE	<u>Physical Tests</u>	
	Mass	ISO 3801-1977 (E) Method 5 only
	Count	ASTM D3775-12
	Dimensional changes of garments after home laundering	AATCC 150:2012
	Rubbing	AATCC 8:2016 Inc AATCC Evaluation Procedure 8-2010; 9- Step Chromatic Tranference scale-
	<u>Colour Fastness to</u>:	
	Laundering (domestic and commercial)	ISO 105-C06:2010 Test No A1 Inc AATCC Evaluation Procedure 1-2012:AATCC 1 – Grey Scale for colour change and AATCC Evaluation Procedure 2-2012: Gray Scale for Staining
	<u>Qualitative Fibre Analysis</u> <u>For the following fibre and fibre blends</u>	
	Natural Fibres Cotton	AATCC TM 20:2013
	Hemp Linen	
	Fibroin (Animal) Fibres Silk	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TEXTILE FABRICS (WOVEN, KNITTED, NON-WOVEN) FOR GARMENTS, CURTAINS, UPHOLSTERY FOR HOUSEHOLD AND INDUSTRIAL USE (cont'd)	Qualitative Fibre Analysis For the following fibre and fibre blends (cont'd)	
	Keratin (Animal) Fibres Wool	AATCC TM 20:2013
	Man Made Fibres Acetate Acrylic Modacrylic Nylon Olefin Polyester Rayon Spandex	AATCC TM 20:2013 including the use of FTIR technique
	Quantitative analysis of Fibre blends	AATCC TM 20A:2014 Procedure 4 only
	Chemical Tests	
Liquid Chlorine Bleach	Determination of available chlorine and free alkali as sodium hydroxide for bleach having an available chlorine concentration between 2 and 11%	TTS 58:2005 based on ASTM D2022 In-House method LABM06-001
DETERGENTS	Anionic active matter	In-House Procedure LABM06-011 based on ISO 2271:1989E
	Non-ionic matter	In-House Procedure LABM06-010 based on BS 3762:1986(1996)
	Total insoluble matter	In-House Procedure LABM06-014 based on TTS 466:2002
	pH determination	In-House Procedure LABM06-012 based on TTS 466:2010 Annex B ASTM D1172-15

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Chemical Tests (cont'd)	
DETERGENTS (cont'd)	Determination of moisture and volatile matter content	In-House Procedure LABM06-015 based on TTS 466:2002
	Deternination of high molecular mass cationic active matter content in detergents	ISO 2871-1:2010
METALS, ALLOYS and METAL PRODUCTS	Mechanical Tests	
Ferrous and Non-ferrous Metals and Alloys	Tensile	ASTM A370-17a ASTM E8/E8M-16a
Steel reinforcing bar	Tensile	ASTM A615/A615M-16 ASTM A706/A706M-16.
Steel round wire products	Tensile	ASTM A370-17a (Annex A4) ASTM E8/E8M-16a
Welded Steel Pipe and Plate	Vickers (HV 10)	ASTM E92-17
WELDMENTS	Mechanical Tests	
	Test designated in specified welding codes as detailed below -	
	Bend, Hardness, Tensile	ASME BVPC IX:2017 ASTM A370-17a AWS D1.1/D1.1 M:2015 API 1104 (21st Edition)
Unpainted Roofing Sheets	Coating Mass	ASTM A90/A90M-13 In-House Procedure LABP08-004
	Tensile Test	ASTM A370-17
	Base Metal Thickness	In-House Procedure LABP08-005

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ELECTRIC CABLES	Electrical Product Tests	
PVC insulated, and PVC sheathed cables for voltages up to and including 300/500 v, for electrical power and lighting.	Inspection, Construction, Electrical Tests and Non Electrical Tests	BS 6004:2012 TTS 639:2014 Clauses: 4, 8.2,8.3, 11, 11.4, 7.2, 7.3, 10.2, 10.3, 14.2, 15.2, 15.3, 15.4 & 16.2
Insulating rubber gloves	Electrical Product Tests	
	Visual Inspection and Surface damage	ASTM D120-14a Clause 9.1. ASTM F496-14a Clause 6.4.
	AC-DC Proof test/ Volts, current, time/ 2.5 ~40 kV, <30 A, 180 s	ASTM D120-14a Clause 11.1, 18.4.2, 18.5.2.
	Re-test (AC-DC Proof)/ Volts, time current / 2.5 ~40 kV, <30 A, 60 s	ASTM F496-14a Clause 7.1.
END		