

10.6 Schedule of Accreditation

Issue No: 05/ Issue Date: 04.02.2019
Accreditation Manager: Hamza Khan



Testing Laboratory No. ATL 0024

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2005, “General requirements for the competence of testing and calibration laboratories”

Gray Mackenzie Engineer Services LLC - Laboratory	
Issue No: 05	Issue Date: 04.02.2019
Address. Shed # 118 Al Jaddaf Dry Docks Gate #02, Post office 32393 – Dubai – UAE	Contact: Deepak Chauhan – QHSE Engineer Tel: +97143241380 Fax: +97143241384 Email: qa@gmes.ae Web Address: www.gmes.ae

Locations where testing activities covered by the above Accreditation Standard are undertaken

1- address: Shed # 118 Al Jaddaf Dry Docks Gate #02, Post office 32393 – Dubai – UAE

For the following scope:

10.6 Schedule of Accreditation

Issue No: 05/ Issue Date: 04.02.2019
Accreditation Manager: Hamza Khan



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0024

GAC fields

3.0 Performance and Approvals Test

3.24 Approval testing on electrical appliances and accessories

Scope details are as follows:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS /PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED
HOUS	Household Appliances, General Requirements	Part 1: General requirements	IEC 60335-1:2010/AMD2:2016/COR1:2016 IEC 60335-1:2010+AMD1:2013 CSV
	Vacuum cleaners & Water- suction cleaning appliances	Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances	IEC 60335-2-2:2009 / AMD2:2016
	Electric smoothing irons	Part 2-3: Particular requirements for electric irons	IEC 60335-2-3:2012+A1:2015
	Clothes washing machines, including machines which both wash and dry	Part 2-4: Particular requirements for clothes dryers and towel rails Part 2-7: Particular requirements for washing machines Part 2-11: Particular requirements for tumble dryers	IEC 60335-2-4:2008+A1:2012+A2:2017 IEC 60335-2-7:2008+A2:2016 IEC 60335-2-11:2008+AMD1:2012+AMD2:2015

10.6 Schedule of Accreditation

Issue No: 05/ Issue Date: 04.02.2019
Accreditation Manager: Hamza Khan



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0024

Shavers, hair clippers and similar appliances	Part 2-8: Particular requirements for shavers, hair clippers and similar appliances	IEC 60335-2-8:2012+AMD1:2015+AMD2:2018 CSV
Cooking Appliances	Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances	IEC 60335-2-9:2008+A1:2012+A2:2016 IEC 60335-2-9:2008+A1:2012
Frying pans, deep fat fryers	Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances	IEC 60335-2-13:2009+AMD1:2016 CSV
Heating Liquids	Part 2-15: Particular requirements for appliances for heating liquids	IEC 60335-2-15:2012+AMD1:2016+AMD2:2018
Food grinders and mixers, fruit or vegetable juice extractors.	Part 2-14: Particular requirements for kitchen machines	IEC 60335-2-14:2016 UAE.S IEC 60335-2-14:2006+A1:2008+A2:2012
Storage Water Heaters	Part 2-21: Particular requirements for storage water heaters	IEC 60335-2-21:2012+AMD1:2018 CSV , SASO-GSO-1858, SASO-GSO-1859
Hair dryers, straighteners	Part 2-23: Particular requirements for appliances for skin or hair care	IEC 60335-2-23:2016
Refrigerators, freezers or freezing equipment	Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	IEC 60335-2-24:2010+A1:2012+A2:2017
Microwave ovens	Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens	IEC 60335-2-25:2010+AMD1:2014+AMD2:2015
Domestic Electrical Fans	Part 2-80: Particular requirements for fans	IEC 60335-2-80:2015
Battery Chargers	Part 2-29: Particular requirements for battery chargers	IEC 60335-2-29:2016

10.6 Schedule of Accreditation

Issue No: 05/ Issue Date: 04.02.2019
Accreditation Manager: Hamza Khan



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0024

	Sewing Machines	Part 2-28: Particular requirements for sewing machines	IEC 60335-2-28:2002/AMD1:2008
	Portable heating tools and similar appliances	Part 2-45: Particular requirements for Portable heating tools and similar appliances	IEC 60335-2-45:2002/AMD2:2011 ed 3.0
	Insect Killers	Part 2-59: Particular requirements for insect killers	IEC 60335-2-59:2002/AMD2:2009
	Fabric steamers	Part 2-85: Particular requirements for fabric steamers	IEC 60335-2-85:2002+A1:2008+A2:2017
	Commercial refrigerating appliances	Part 2-89: Particular requirements for commercial refrigerating appliances within incorporated or remote refrigerant unit or compressor	IEC 60335-2-89:2010/AMD2:2015
Energy Efficiency for Storage Water Heaters	Performance Measurements	Methods for measuring the performance of electric storage water-heaters for household purposes	IEC 60379:1987, SASO-2884, EN 50440:2015
INST	Plugs and Socket-outlets for Household and Similar Purposes	Part 1: General requirements	IEC 60884-1:2002+A1:2006+A2:2013, SASO 2203:2018, SASO 2204-2003, SASO 2815 :2010
		Part 2-1: Particular requirements for fused plugs	IEC 60884-2-1:2006
		Part 2-3: Particular requirements for switched socket-outlets without interlock for fixed installations	IEC 60884-2-3:2006

10.6 Schedule of Accreditation

Issue No: 05/ Issue Date: 04.02.2019
Accreditation Manager: Hamza Khan



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0024

		Part 2-5: Particular requirements for adapters	IEC 60884-2-5:2017 IEC 60884-2-5:1995
		Part 2-7: Particular requirements for cord extension sets	IEC 60884-2-7:2011+A1:2013
	Switches for household and similar fixed electrical installation	Part 01 – General Requirements	IEC 60669-1:2017
TOOLS	Hand-held motor-operated electric tools - Safety - Part 01 – General Requirements	8 Marking and instructions 9 Protection against access to live parts 10 Starting 11 Input and current 19 Mechanical hazards 20 Mechanical strength 21 Construction 22 Internal wiring 24 Supply connection and external flexible cords 25 Terminals for external conductors 26 Provision for earthing 27 Screws and connections 28 Creepage distances, clearances and distances through insulation 29 Resistance to heat, fire and tracking 30 Resistance to rusting	IEC 60745-1:2006

10.6 Schedule of Accreditation

Issue No: 05/ Issue Date: 04.02.2019
Accreditation Manager: Hamza Khan



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0024

LITE	Safety requirements of Luminaires	Section 2: Classification of Luminaires Section 3: Marking Section 5: external and internal wiring Section 7: provision for earthing Section 8: protection against electric shock Section 9: resistance to dust, solid objects and moisture Section 10: insulation resistance and electric strength, touch current and protective conductor current Section 11: creepage distances and clearances Section 13: resistance to heat, fire and tracking Section 14: screw terminals Section 15: screw less terminals and electrical connections	IEC 60598-1 2017 ed8.1 , ed8.0,
	Fixed General Purpose Luminaire		IEC 60598-2-1 1979 ed1.0 ,
	Recessed luminaires		IEC 60598-2-2 2011 ed3.0
	Luminaires for Road and Street Lighting		IEC 60598-2-3 2011 ed3.1
	Portable luminaires		IEC 60598-2-4 2017 ed3.0
	Portable luminaires for garden use		IEC 60598-2-7:1982 ed1.0
	Flood Lights		IEC 60598-2-5:2015 ed3.0 ,
	Handlamps		IEC 60598-2-8:2013 ed3.0
	Portable luminaires for children		IEC 60598-2-10:2003 ed2.0
	Ground recessed luminaires		IEC 60598-2-13 2016 ed1.2
	Stage light		IEC 60598-2-17:2017 ed2.0

10.6 Schedule of Accreditation

Issue No: 05/ Issue Date: 04.02.2019
Accreditation Manager: Hamza Khan



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0024

	Luminaires for swimming-pools and similar applications		IEC 60598-2-18:2011 COR1:2013 ed2.0,
	Lighting Chains		IEC 60598-2-20:2014/ COR1:2016 ed4.0,
	Rope lights		IEC 60598-2-21:2014 /COR1:2016 ed10
	Luminaires for emergency lighting		IEC 60598-2-22:2014/AMD1:2017 ed4.0
Public Supply Systems ≤ 16 A per phase	Electromagnetic compatibility (EMC) – Part 3-2: – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	6.2 Harmonic current measurement	IEC 61000-3-2:2018
MISC	Material testing	Resistance to heat	IEC 60695-10-2:2014 IEC 60695-2-10:2013
Conductors of insulated cables	Conductor conductivity	Conductors of insulated cables	IEC 60228:2004
Electrical Testing- Accessibility to live parts	Accessibility to live parts	Accessibility to live parts	IEC 61032:1997/COR1:2003 ed2.0

10.6 Schedule of Accreditation

Issue No: 05/ Issue Date: 04.02.2019
Accreditation Manager: Hamza Khan



Flow Rate	Water Fixture Testing	Flow rate measurements	ASME-A112.18.1-2015, ASME-A112. 19.1/CSA B45.2 - 2018, AS 5200.037.2, SASO 2655-2008
------------------	-----------------------	------------------------	--

10.6 Schedule of Accreditation



ACCREDITED
TESTING
 ISO/IEC 17025:2005
 No. ATL 0024

Issue No: 05/ Issue Date: 04.02.2019
 Accreditation Manager: Hamza Khan

<p>IT Products</p>	<p>Information technology equipment – Safety – Part 1: General requirements</p>	<p>1.6 power interface 1.7 marking and instructions 2.1 protection from electric shock and energy hazards 2.2 SELV circuits 2.4 Limited current circuits 2.5 Limited power sources 2.6 provision of earthing and bonding 2.7 overcurrent and earth fault protection in primary circuits 2.9 electrical insulation 2.10 clearances, creepage distances and distances through insulation 3.1 general 3.2 connection to mains supply 3.3 wiring terminals for connection of external conductors 3.4 disconnection from the mains supply 3.5 interconnection of equipment 4.1 Stability 4.2 mechanical strength 4.3 design and construction 4.4 protection against hazardous moving parts 4.5 Thermal requirements 4.6 openings in enclosures 4.7 resistance to fire 5.2 Electric strength 5.3 abnormal operating and fault condition</p>	<p>IEC 60950-1:2005+A1:2009+A2:2013</p>
<p>Version: 3.5 Date: 22nd January 2019</p>			<p>Page 9 of 10</p>

Approved by: Atta Subhan

10.6 Schedule of Accreditation

Issue No: 05/ Issue Date: 04.02.2019
 Accreditation Manager: Hamza Khan



Note: the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the schedule of accreditation.

END

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.						
United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen