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Testing Laboratory Accreditation No. ATL 0052

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognized International Standard ISO/IEC 17025:2017, "General requirements for the competence of testing and calibration laboratories"

Saudi Inspection & Testing Co. (SAITCO)				
Address: KSA -Riyadh - Street No. 4,5,6,7 - Next to the Dry	Contact: Ahmad Barrak Al Dakheel			
Customs - First Industrial City Tel: 0556101010				
Fax: 2042888				
Email: ahmad.barrak@saitco.com.sa				
	Web Address: <u>www.saitco.com.sa</u>			

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

1- address: : KSA -Riyadh - Street No. 4,5,6,7 - Next to the Dry Customs - First Industrial City

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For the following scope:

Scope:

7. Chemical Testing:

7.46 Textiles and related products

13. Mechanical Testing:

13.26 Textiles and related products

3. Performance and Approvals Testing:

- 3.22 Approval tests on telecommunications equipment
- 3.23 Approval tests on radiocommunications equipment
- 3.24 Approval tests on electrical appliances and accessories
- 3.25 Performance tests on electrical appliances and accessories
- 3.30 Performance tests on air-conditioning units and components

Scope details are as follows:

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TEST CATEGORY	OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
Chemical Tests	Garment , Textile Product , Tissue , Sanitary Pads for Ladies and Baby Diapers Terry Towel & Ihram & Absorbency cotton	Formaldehyde Part 1: Free and hydrolysed formaldehyde (water extraction method)	ISO 14184-1:2011	

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	T	100 0074 0000
		ISO 3071:2006
	Determination of PH	AATCC 81:2016
		GSO 143:1991
		GSO 750:1997
		ISO 1833 (Part 1) :2006
		ISO 1833 (Part 2) :2006
		ISO 1833 (Part 5) :2006
		ISO 1833 (Part 7) :2017
	Fibre Analysis (Qualitative &	ISO 1833 (Part 11) :2017
	Quantitative)	ISO 1833 (Part 20) :2018
	·	ISO 1833 (Part 21) :2019
		ISO 1833 (Part 24) :2010
		AATCC 20 :2013
		AATCC 20A :2018
		SASO-GSO-1268:2002
	Color fastness to perspiration	AATCC 15: 2013
		ISO 105-E04: 2013
	Color Fastness to Saliva	DIN 53160 : 2010
	Color fastness to Laundering	ISO 105 C10 :2006
	(Temperature 40°C to 60°C)	ISO 105 C06:2010
	Colorfastness to Laundering: Accelerated	AATCC 61:2013

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		Color fastness to dry cleaning using perchloroethylene solvent	ISO 105 D01: 2010
		Color fastness to rubbing & Rubbing with organic solvents	ISO 105 X12:2016 AATCC 8:2016 SASO 2331:2005 ISO 105 D02:2005
		Color fastness to hot pressing	ISO 105-X11:2015 AATCC 133: 2013
		Colorfastness to Light	ISO 105-B02:2014 AATCC 16:2014
		Water Penetration	AATCC 127:2017 ISO 811:2018
		Absorbance time	SASO 1626: 2002 GSO 143:1991 GSO 750:1997 GSO 1833: 2007
		Flame Resistance of Textiles	SASO 449:1988 SASO 1330:1998 ASTM D6413: 2015
Mechanical Tests	Garment and Textile Product	Maximum force and Elongation	ISO-13934-1:2013 ISO-13934-2:2014 ASTM D5035:2015 ASTM D5034:2017

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		Tensile Properties of Yarns by the Single-Strand Method	ASTM D2256:2015
		Tear Force using Tensile Testing Machine	ISO 13937 - 3 :2000 ISO 13937 - 4:2000 ASTM D2261:2017
		Tear force using ballistic pendulum method (Elmendorf)	ISO-13937-1 :2000 ASTM D1424:2013
		Bursting strength	SASO 1630:2002(Clause 16) ASTM D3786:2018 ISO 13938-2:1999
	Some of textile products	Abrasion Resistance of Fabric & Determination of fabric propensity to Pilling	SASO 1171 :1998 ISO 12947-1 :1998 ISO 12947-2 :2016 ISO 12947-3 :1998 and ISO 12947-4:1998 ISO 12945-2:2000 ASTM D4970:2016
	Carpets & Rugs	Determination of tuft withdrawal force	SASO 1619: 2012 ISO 4919:2012
Visual Inspection Tests	All Textile Products	Identification labels for textile products & Care labelling code using symbols	SASO 1173:1997 GSO 575:2016 GSO 751:2010 ISO 3758:2012

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	Some of textile products	Dimensions & Determination of dimensional change in washing and drying	ISO 22198:2006 SASO 383 :1996 SASO 911:1994 SASO 1626:2002 SASO 1176 :1998 SASO 2636 :2006 GSO 143:1991 GSO 1833:2007 ISO 5077:2007	
	Knitted Cotton underwear	No. of Wales and Courses	SASO 1170:1997	
Other Tests	Woven Fabric	Determination of number of threads in woven fabrics	SASO GSO 1269: 2002 ASTM D1907:2018	
	Yarn	Determination of linear density of yarn removed from fabric	ISO 7211-5:1984	
	Some of textile products	Determination of mass	ISO 3801:1977 ASTM D3776:2017 SASO 383:1996 SASO 905 :1994 SASO 2636 :2006 SASO 999:1997 SASO GSO 539:1994	
	Carpets	Determination of thickness loss	SASO GSO 541:1994	

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		under dynamic loading	ISO 2094:1999	
	Carpets	Determination of thickness of pile above the substrate	SASO GSO 536:1994 SASO 907:1994	
Household appliances and Similar Electrical Appliances	Household appliances and Similar Electrical Appliances	Part 1: General Requirements	SASO GSO IEC 60335-1: 2012, IEC 60335-1:2010/AMD2:2016	
	Vacuum cleaner	Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances	IEC 60335-2-2:2009/AMD2:2016	
	Electric iron	Part 2-3: Particular requirements for electric irons	IEC 60335-2-3:2012/AMD1:2015	
	Spin extractors	Part 2-4: Particular requirements for spin extractors	IEC 60335-2-4:2008/AMD2:2017	
	Dishwashers	Part 2-5: Particular requirements for dishwashers	IEC 60335-2-5:2012, IEC 60335-2-5:2012+A1:2018	
	Stationary cooking ranges	Part 2-6: Particular requirements for stationary	IEC 60335-2-6:2014/AMD1:2018	

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	cooking ranges, hobs, ovens and similar appliances		
Washing machine	Part 2-7:Particular requirements for washing machines	IEC 60335-2- 7:2008+AMD1:2011+AMD2:2016 CSV	
Hair clipper, Shaver	Part 2-8: Particular requirements for shavers, hair clippers and similar appliances	IEC 60335-2-8:2012/AMD1:2015	
Toaster, grills	Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances	IEC 60335-2- 9:2008+AMD1:2012+AMD2:2016 CSV	
Floor polisher	Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines	IEC 60335-2-10:2002+AMD1:2008 CSV	
Tumble dryers	Part 2-11:Particular requirements for tumble dryers	IEC 60335-2- 11:2008+AMD1:2012+AMD2:2015 CSV	
Warming plates and similar appliances	Part 2-12: Particular requirements for warming plates and similar appliances	IEC 60335-2- 12:2002+AMD1:2008+AMD2:2017 CSV	
Deep fat fryers,	Part 2-13: Particular	IEC 60335-2-13:2009/AMD1: 2016	

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frying pan and similar appliances	requirements for deep fat fryers, frying pans and similar appliances		
Kitchen appliance	Part 2-14: Particular requirements for kitchen machines	IEC 60335-2-14:2016 RLV	
Heating Liquid appliance	Part 2-15: Particular requirements for appliances for heating liquids	IEC 60335-2-15:2012/AMD2:2018	
Food waste disposer	Part 2-16: Particular requirements for food waste disposers	IEC 60335-2-16:2002/AMD2:2011	
Blankets pads	Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances	IEC 60335-2-17:2012/AMD1: 2015	
Storage water heaters	Part 2-21: Particular requirements for storage water heaters	IEC 60335-2-21:2012+AMD1:2018 CSV	
Appliance for skin or hair care	Part 2-23: Particular requirements for appliances for skin or hair care	IEC 60335-2-23:2016	

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Refrigerator, Ice Cream appliance and ice cream maker	Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	IEC 60335-2-24:2010/AMD2:2017	
Microwave ovens, including combination micro wave ovens	Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens	IEC 60335-2-25:2010/AMD2: 2015	
Clock	Part 2-26: Particular requirements for clocks	IEC 60335-2-26:2002+AMD1:2008 CSV	
Skin exposure to optical radiation appliance	Part 2-27: Particular requirements for appliances for skin exposure to optical radiation	IEC 60335-2-27:2009/AMD2:2015	
Sewing machine	Part 2-28: Particular requirements for sewing machines	IEC 60335-2-28:2002+AMD1:2008 CSV	
Battery charger	Part 2-29: Particular requirements for battery	IEC 60335-2-29:2016	

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	chargers		
Room heaters	Part 2-30: Particular requirements for room heaters	IEC 60335-2-30:2009/AMD1:2016	
Range hood and Other cooking fume extractor	Part 2-31: Particular requirements for range hoods and other cooking fume extractors	IEC 60335-2-31:2012/AMD1:2016	
Massager	Part 2-32: Particular requirements for massage appliances	IEC 60335-2-32:2002 +AMD1:2008+AMD2:2013 CSV	
Motor-compressor	Part 2-34: Particular requirements for motor-compressors	IEC 60335-2-34:2012/AMD2:2016	
Instantaneous water heaters	Part 2-35: Particular requirements for instantaneous water heaters	IEC 60335-2-35:2012/AMD1:2016	
Commercial electric cooking range, ovens, hobs, and	Part 2-36: Particular requirements for commercial electric cooking ranges, ovens,	IEC 60335-2-36:2017	

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hob element	hobs and hob elements		
Commercial Electric doughnut fryer and deep fat fryers	Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers	IEC 60335-2-37:2017	
Commercial electric griddles and gridd grills	requirements for commercial	IEC 60335-2-38:2002/AMD2:2017	
Commercial electric multipurpose cooking pans	Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans	IEC 60335-2-39:2012/AMD1:2017	
Electrical Heat pumps, Air-conditioner and dehumidifiers	Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-2-40:2018	
Pumps	Part 2-41: Particular requirements for pumps	IEC 60335-2-41:2012	

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Commercial Electric Forced Convection Ovens, steam cookers and steam convection ovens	Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens	IEC 60335-2-42:2002/AMD2:2017	
Clothes dryers and towel rails	Part 2-43: Particular clothes dryers and towel rails	IEC 60335-2-43:2017	
Ironers	Part 2-44: Particular requirements for ironers	IEC 60335-2-44:2002/AMD1:2008	
Portable heating tools and similar appliances Heat gun, soldering iron	Part 2-45: Particular requirements for portable heating tools and similar appliances	IEC 60335-2-45:2002 +AMD1:2008+AMD2:2011 CSV	
Commercial Boiling pans	Part 2-47: Particular requirements for commercial electric boiling pans	IEC 60335-2-47:2002/AMD2:2017	
Commercial griller and toaster	Part 2-48: Particular requirements for commercial	IEC 60335-2-48:2002/AMD2:2017	

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	electric grillers and toasters		
Commercial Electric for Keeping food and Crockery Warm	Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm	IEC 60335-2-49:2002 +AMD1:2008+AMD2:2017 CSV	
Commercial Electric bains- marie	Part 2-50: Particular requirements for commercial electric bains-marie	IEC 60335-2-50:2002 +AMD1:2007+AMD2:2017 CSV	
Stationary Circulation pumps for heating and service water installation	Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations	IEC 60335-2-51:2002/AMD2:2011	
Oral hygiene appliance	Part 2-52: Particular requirements for oral hygiene appliances	IEC 60335-2-52:2002 +AMD1:2008+AMD2:2017 CSV	
Sauna appliance and Infrared Cabins	Part 2-53: Particular requirements for sauna heating appliances and	IEC 60335-2-53:2011/AMD1:2017	

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	infrared cabins		
Steam liquid cleaner	Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam	IEC 60335-2-54:2008/AMD1:2015	
Aquariums and garden ponds appliance	Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds	IEC 60335-2-55:2002+AMD1:2008 CSV	
Projectors and Similar Appliances	Part 2-56: Particular requirements for projectors and similar appliances	IEC 60335-2-56:2002/AMD2:2014	
Commercial electric dishwashing machines	Part 2-58: Particular requirements for commercial electric dishwashing machines	IEC 60335-2-58:2017	
Insect killers	Part 2-59: Particular	IEC 60335-2- 59:2002+AMD1:2006+AMD2:2009 CSV	

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	requirements for	or insect killers
Whirlpool whirlpool and Jacuz tub	spas, Part 2-00: Partici	or whirlpool IEC 60335-2-60:2017
Thermal s room head		or thermal IEC 60335-2-61:2002+AMD1:2005
Commercial electric rinsing sinks	- 10 00 D 11	or commercial IEC 60335-2-62:2002/AMD1:2008
Commercia kitchen ma	I requirements for a	commercial IEC 60335-2-64:2002/AMD2:2017
Air cleans Appliance	_	

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purifier	appliances	
Water-bed heaters	Part 2-66: Particular requirements for water-bed heaters	IEC 60335-2- 66:2002+AMD1:2008+AMD2:2011 CSV Consolidated version
Commercial floor treatment machines	Part 2-67: Particular requirements for floor treatment machines, for commercial use	IEC 60335-2-67:2012/AMD1:2016
Commercial spray extraction machines	Part 2-68: Particular requirements for spray extraction machines, for commercial use	IEC 60335-2-68:2012/AMD1:2016
Commercial wet and dry vacuum cleaner	Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use	IEC 60335-2-69:2016
Milking machines	Part 2-70: Particular requirements for milking	IEC 60335-2- 70:2002+AMD1:2007+AMD2:2013

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	machines	CSV Consolidated version	
Electrical heating appliances for breeding and rearing animals	Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals	IEC 60335-2-71:2018	
Commercial floor treatment machines	Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use	IEC 60335-2-72:2016	
Immersion heater	Part 2-73: Particular requirements for fixed immersion heater Part 2-74: Particular requirements for portable immersion heaters	IEC 60335-2-73:2002 +AMD1:2006+AMD2:2009 CSV IEC 60335-2- 74:2002+AMD1:2006+AMD2:2009 CSV	
Commercial dispensing and	Part 2-75: Particular requirements for commercial	IEC 60335-2-75:2012/AMD2:2018	

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vendii	ng machine	dispensing appliances and vending machine		
	ric Fence gizers	Part 2-76: Particular requirements for electric fence energizers	IEC 60335-2-76:2018	
Lawn	mower	Part 2-77: Particular requirements for pedestrian controlled mains-operated lawnmowers	IEC 60335-2-77:2002	
	ric outdoor ecues	Part 2-78: Particular requirements for outdoor barbecues	IEC 60335-2-78:2002+AMD1:2008 CSV Consolidated version	
High wash		Part 2-79: Particular requirements for high pressure cleaners and steam cleaners	IEC 60335-2-79:2016	
Fans		Part 2-80: Particular	IEC 60335-2-80:2015	

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	requirements for fans	
Foot warmers and heating mats	Part 2-81: Particular requirements for foot warmers and heating mats	IEC 60335-2-81:2015/AMD1:2017
Amusement machines and personal service machines	Part 2-82: Particular requirements for amusement machines and personal service machines	IEC 60335-2-82:2017
Heated gullies for roof drainage	Part 2-83: Particular requirements for heated gullies for roof drainage	IEC 60335-2-83:2001+AMD1:2008 CSV Consolidated version
Electric Toilet	Part 2-84: Particular requirements for toilet appliances	IEC 60335-2-84:2002 +AMD1:2008+AMD2:2013 CSV
Fabric steamers	Part 2-85: Particular requirements for fabric steamers	IEC 60335-2-85:2002/AMD2:2017

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	Electric fishing machines	Part 2-86: Particular requirements for electric fishing machines	IEC 60335-2-86:2018	
	Electrical animal stunning equipment	Part 2-87: Particular requirements for electrical animal stunning equipment	IEC 60335-2-87:2016	
ii v v	Humidifiers intended for use with heating, ventilation, or air- conditioning systems	Part 2-88: Particular requirements for humidifiers intended for use with heating, ventilation, or air-conditioning systems	IEC 60335-2-88:2002	
r a a r	Commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor	Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor	IEC 60335-2-89:2010/AMD2:2015	

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Commercial microwave ovens	Part 2-90: Particular requirements for commercial microwave ovens	IEC 60335-2-90:2015
Walk-behind and hand-held lawn trimmers and lawn edge trimmers	Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edge trimmers	IEC 60335-2-91:2008
Lawn scarifiers and aerators	Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators	IEC 60335-2-92:2002
Scissors type grass shears	Part 2-94: Particular requirements for scissors type grass shears	IEC 60335-2-94:2008
Garage door	Part 2-95: Particular requirements for drives for	IEC 60335-2-95:2011/AMD2:2017

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opener	vertically moving garage doors for residential use		
Heating pads and mats	Part 2-96: Particular requirements for flexible sheet heating elements for room heating	IEC 60335-2-96:2002 +AMD1:2003+AMD2:2008 CSV	
Drives for shutters, awnings, blinds and similar equipment	Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment	IEC 60335-2-97:2016	
Humidifiers	Part 2-98: Particular requirements for humidifiers	IEC 60335-2-98:2002/AMD2:2008	
Commercial range hood	Part 2-99: Particular requirements for commercial electric hoods	IEC 60335-2-99:2003/AMD1:2017	
Garden blower and vacuum	Part 2-100: Particular requirements for hand-held mains-operated garden	IEC 60335-2-100:2002	

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		blowers, vacuums and blower vacuums		
	Vaporizer	Part 2-101: Particular requirements for vaporizers	IEC 60335-2-101:2002 +AMD1:2008+AMD2:2014 CSV	
	Solid-fuel burning appliances having electrical connections	Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections	IEC 60335-2-102:2017	
	Drives for gates, doors and windows	Part 2-103: Particular requirements for drives for gates, doors and windows	IEC 60335-2-103:2015	
	Multifunctional shower cabinets	Part 2-105: Particular requirements for multifunctional shower cabinets	IEC 60335-2-105:2016	
Plug and socket	Plug and socket	Part1: General requirements	IEC 60884-1:2002 +AMD1:2006+AMD2:2013 CSV SASO 2203/2204:2018 BS 1363-1:2016 BS 1363-2:2016	

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Adaptor	Adaptors	Part 2-5: Particular requirements for adaptors	IEC 60884-2-5:2017
Extension cord	Extension cord	Part2-7: Particular requirements for cord extension sets	IEC 60884-2-7:2011+AMD1:2013 CSV
Switches	Switches for household	Part 2-1: Switches for household and similar fixed Appliances	IEC 60669-2- 1:2002+AMD1:2008+AMD2:2015 CSV IEC 60669-2-2:2006 IEC 60669-2-3:2006 IEC 60669-2-4:2004
IT appliance	Information Technology Appliance	Part 1: General requirements	IEC 60950- 1:2005+AMD1:2009+AMD2:2013 CSV
Audio Video	Audio Video and Similar electronic Apparatus	Part 1: Audio Video and Similar electronic Apparatus	IEC 60065:2014
Audio Video	Audio Video and Similar electronic	Part 1: Safety Requirements	IEC 62368-1:2018

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	Apparatus			
Test on electric	Optical Fibre Cable	Part 1-1: Test for vertical flame propagation for a single insulated wire or cable	IEC 60332-1-1:2004+AMD1:2015 CSV	
and optical fibre cables under fire conditions	Optical Fibre Cable	Part 1-2: Test for vertical flame propagation for a single insulated wire or cable-Procedure for 1KW pre mixed flame	IEC 60332-1-2:2004+AMD1:2015 CSV	
Low Frequency Cables and wires with PVC insulation and PVC sheath	Low frequency cables and wired	Part 1: General test and measuring methods	IEC 60189-1:2018	
	Cables in pairs, triples, quads	Part 2: Cables in pairs, triples, quads and quintuples for inside installation	IEC 60189-2:2007	
Cable	USB cable	Part 2-1: Universal Serial Bus Specification, Revision 2.0Part 2-2: Micro-USB Cables and Connectors Specification,	IEC 62680-2-1:2015 IEC 62680-2-2:2015	

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		Revision 1.01		
	Insulated Cables	Conductors of insulated cables	IEC 60228:2004	
	PVC Cables	Part 1: General Requirements	IEC 60227-1:2007	
Polyvinyl	PVC Cables up to 450/750V	Part 2: Test method	IEC 60227-2:1997+AMD1:2003 CSV	
Chloride Insulated Cables	Non-Sheathed Cables	Part 3: Non-Sheathed Cable for fixed Wiring	IEC 60227-3:1993+AMD:1997 CSV	
up to 450/750V	Sheathed Cables	Part 4: Sheathed Cables for fixed Wiring	IEC 60227-4:1992+AMD1:1997 CSV	
	Flexible Cable	Part 5: Flexible Cable (Cords)	IEC 60227-5:2011	
Flat PVC Sheathed Cable	Flat Polyvinyl Chloride Sheathed Flexible Cable	General Requirement	BS EN50214:2006	
Battery Booster Cable	Battery Cable	Technical Requirements	SAE J1494-2001	
5	Rubber insulated cables	Part 1: General Requirements	IEC 60245-1:203+AMD1:2007 CSV	
Rubber Insulated Cables up to 450/750V	Rubber Insulated cables	Part 2: Test Method	IEC 60245- 2:1994+AMD1:1997+AMD2:1997 CSV	
730/130 V	Cord and flexible cables	Part 4:Cord and Flexible Cable	IEC 60245-4:2011	

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	Arc Welding electrode Cable	Part 6: Arc Welding cable Electrode	IEC 60245-6:2003	
	Multicore cables	Part 1:Generic Specification	IEC 61156-1:2007+AMD1:2009 CSV	
	Multicore and Symmetrical pair/quad cables with transmission characteristics	Part 2: Symmetrical pair/quad cable with transmission characteristics up to 100MHz-Horizontal Floor Wiring – Sectional Specification	IEC 61156-2:2010	
	Work Area Cable	Part 3: Work area Cable- Sectional Specification	IEC 61156-3:2003	
Multicore and Symmetrical	Riser Cables	Part 4: Riser Cables – Sectional Specification	IEC 61156-4:2009	
pair/quad cables	Digital Communication Cables	Part 5: Symmetrical pair/quad cable with transmission characteristics up to 1000MHz-Horizontal Floor Wiring – Sectional Specification	IEC 61156-5:2009+AMD1:2012 CSV	
	Digital Communication Cables	Part 5: Symmetrical pair/quad cable with transmission characteristics up to 1000MHz-Work Area Wiring – Sectional Specification	IEC 61156-6:2010+AMD1:2012 CSV	
Coaxial	Coaxial	Part 1: Generic Specification –	IEC 61196-1:2005	

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Communication Cables	Communication cables	General Definition and requirements		
Power cable with extruded insulation and their accessories	Power cables with rated voltage of 1KV	Part 1: Cables for rated voltage of 1kV(U _m =1.2kV) and 3kV (U _m =3.6kV)	IEC 60502-1:2004+AMD1:2009 CSV	
	Power Cables from 6KV	Part 2: Cables for rated voltage of 6kV(U _m =7.2kV) and 30kV (U _m =36kV)	IEC 60502-2:2014 RLV	
Cable reel for household purposes	Cable Reel	Cable reel for household purposes	IEC 61242:1995	
Heating Cables with a range voltage of 300/500V	Heating Cables	General Requirements	IEC 60800:2009	
Specifications for	Enamelled Round Copper Wire	Part 0-1: General Requirements- Enamelled Round Copper Wire	IEC 60317-0-1:2013	
particular types of winding wires	Enamelled Rectangular Copper Wire	Part 0-2: General Requirements- Enamelled Rectangular Copper Wire	IEC 60317-0-2:2013	
Power, Control and	Power Cables and Communication	Cables for general Applications in construction works subject to	BS EN 50575:2014+A1	

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Communication cables	cables	reaction to fire requirements		
Multi-Element metallic Cables	Cables for analogue and digital communication	Sectional specification for instrument and control cables	BS EN 50288-7:2005	
Rotating electrical machines	Motor	Part 1: Rating and performance	IEC 60034-1:2017	
Safety Machinery	Electrical equipment of machines	Part 1: General Requirement	IEC 60204-1:2016 RLV	
Toys	Electric Toys	Electric toys - Safety	IEC 62115:2017	

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		Section 2: classification of luminaires		
		Section 3: marking		
		Section 4: construction		
		Section 5: external and internal wiring		
	Luminaire general	Section 7: provision for earthing		
Luminaire	requirements and tests	Section 8: protection against electric shock	IEC 60598-1:2014+AMD1:2017 CSV	
		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		

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	Section 12: endurance test and thermal test Section 13: resistance to heat, fire and tracking Section 14: screw terminals Section 15: screw less terminals and electrical connections		
Fixed general purpose luminaires		IEC 60598-2-1:1979	

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Recessed luminaires	IEC 60598-2-2:2011
Luminaires for road and street lighting	IEC 60598-2-3:2002+AMD1:2011 CSV
Portable general purpose luminaires	IEC 60598-2-4:2017
Floodlights	IEC 60598-2-5:2015
Portable luminaires for garden use	IEC 60598-2-7:1982
Hand lamps	IEC 60598-2-8:2013
Portable luminaires for children	IEC 60598-2-10:2003

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Ground recessed luminaires	IEC 60598-2-13:2006 +AMD1:2011+AMD2:2016 CSV	
Luminaires for stage lighting, television and film studios (outdoor and indoor)	IEC 60598-2-17:2017	
Luminaires for swimming pools and similar applications	IEC 60598-2-18:1993/AMD1:2011	
Lighting chains	IEC 60598-2-20:2014	

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Luminaires for emergency lighting		IEC 60598-2-22:2014/AMD1:2017	
Air Handling Luminaires		IEC 60598-2-19:1981	
Extra Low Voltage Lighting System for Filament Lamp	Part 2-23: Particular Requirements for extra low voltage lighting system for filament lamps	IEC 60958-2-23:1996+AMD1:2000 CSV	
Compact fluorescent lamp	Self-ballasted fluorescent lamps for general lighting services - Safety requirements	IEC 60968:2015	
	Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements	IEC 60969:2016/COR1:2017	
LED lamp	Self-ballasted LED-lamps for general lighting services by voltage >50 V - Safety	IEC 62560:2011+AMD1:2015 CSV	

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	specifications	
	Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements	IEC 62612:2013/AMD2:2018
	Led for General Lighting Services not exceeding 50ac	IEC 62838:2015
Fluorescent lamp	Double-capped fluorescent lamps - Safety specifications	IEC 61195:1999 +AMD1:2012+AMD2:2014 CSV
High pressure sodium vapour lamps	Performance specifications	IEC 60662:2011
Lamp Holder, Bayonet Holders, Edison Screw lamp Holder	Lamp Holder for tubular lamps and starter holder	IEC 60400:2017
Incandescent lamps	Part 1: Tungsten filament lamps for domestic and similar	IEC 60432-1:1999 +AMD1:2005+AMD2:2011

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general lighting purposes		
Tungsten Halogen Lamp	IEC 60432-3:2012	
Tungsten filament lamps for domestic and similar general lighting purposes - Performance requirements	IEC 60064:1993 +AMD1:2000+AMD2:2002+AMD3:2005 CSV	

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		Part 2: Tungsten Halogen lamp for domestic and similar general lighting purposes	IEC 60432- 2:1999+AMD1:2005+AMD2:2012 CSV	
Double-Capped Fluorescent lamps	DC Fluorescent lamps	Performance specifications	IEC 60081:1997+AMD1:2000 CSV	
Energy Efficiency, Functionality and Labelling Requirements for Lighting Products	LED ,Energy Saver, Recessed Lamp	Part 2: Energy Efficiency, Functionality and Labelling Requirements for Lighting Products	SASO 2902:2018 SASO 2870:2015	
Lamps for road vehicles	Lamps	Dimensional, electrical and luminous requirements	IEC 60809:2014+AMD1:2017+AMD2:2017	
		Performance Requirements	IEC 60810:2014+AMD1:2017 CSV	
Metal Halide Lamps	Metal Halide	Performance Specification	IEC 61167:2018+AMD2018CSV	

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High-Pressure Mercury Vapour Lamps	Mercury Lamps	Performance Specification	IEC 60188:2001	
Lamp Caps and Holders	Lamp Caps and Holder together with Gauges	Part 1: Lamp Caps	IEC 60061-1:2006	
	Lamp Caps and Holder together with Gauges	Part 2: Lamp Holders	IEC 60061-2-:2005	
	Lamp Caps and Holder together with Gauges	Part 3: Gauges	IEC 60061-3-:2005	
	Lamp Caps and Holder together with Gauges	Part 4: Guidelines and General Information	IEC 60061-4-:2009	
Batteries	Primary Batteries	Part 1: General	IEC 60086-1:2015 RLV	
	Primary Batteries	Part 2: Physical and electrical specifications	IEC 60086-2:2015	
	Watch Batteries	Part 3: Watch Batteries	IEC 60086-3:2016	

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	Lithium Batteries	Part 4: Safety of Lithium Batteries	IEC 60086-4:2014	
Secondary Cells and Batteries	Secondary batteries containing alkaline or other non-acid electrolyte	Part 1: Safety requirement for portable sealed secondary cells and batteries made from them, for use in portable application. / Nickel System	IEC 62133-1:2017	
	Secondary lithium cells	Part 1: Safety requirement for portable sealed secondary lithium cells and batteries made from them, for use in portable application. / Lithium Systems	IEC 62133-2:2017	
	Prismatic and Cylindrical lithium secondary cells	Part 3: Prismatic and Cylindrical lithium secondary cells and batteries made from them	IEC 61960-3:2017	
Automatic Electrical Controls	Automatic Electrical Controls	Part 1: General Requirements	IEC 60730-1:2013+AMD: 2015 CSV	

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Automatic Control for household and similar use	Part 2-44: Particular requirements of thermal motor protector	IEC 60730-2-22:2014	
Thermal Protector for ballast for tubular fluorescent lamps	Part 2-3: Particular Requirements for thermal protectors for ballast for tubular fluorescent lamps	IEC 60730-2-3	
Automatic Electric Burner Control System	Part 2-5: Particular Requirements for automatic Electric Burner control system	IEC 60730-2-5:2013+AMD1:2017CSV	
Automatic electrical pressure sensing control	Part 2-6: Particular Requirements for automatic electrical pressure sensing controls including mechanical requirements	IEC 60730-2-6 2015	
Electrically operated water valves, including mechanical requirements	Part 2-8: Particular requirements for electrically operated valves, including mechanical requirements	IEC 60730-2-8:2018 RLV	

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	Temperature Sensing Control	Part 2-9: Particular requirements for temperature sensing	IEC 60730-2-9:2015+AMD: 2018 CSV	
	Energy Regulators	Part 2-11: Particular Requirements for energy Regulator	IEC 60730-2-11:2006	
	Electrically operated door lock	Part 2-12: Particular Requirements for electrically operated door locks	IEC 60730-2-12: 2015	
	Electric Actuators	Part 2-14: Particular Requirements for electric Actuator	IEC 60730-2-14:2017	
	Automatic Electrical air flow, water flow and water level sensing control	Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing control	IEC 60730-2-15:2017	
Plug, Socket outlet and coupler for	Plug Socket outlet and coupler for	Part 1: General Requirements	IEC 60309- 1:1999+AMD1:2005+AMD2:2012 CSV	

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industrial purposes	industrial purposes			
Safety for Transformer, reactor, power supply units and combinations	Transformer, Power supply	Part 1: General Requirements and Test	IEC 61558-1:2017 RLV	
	Isolating transformer , Reactors , power supply unit and similar products	Part 2-6: Safety of transformer, reactors, power supply and Units incorporating safety isolating transformer	IEC 61558-2-6:2009	
	Constant voltage transformer and power supply units for constant voltage	Part 2-12: Particular requirements and test for constant voltage transformer and power supply units for constant voltage	IEC 61558-2-12:2011	
	Switch mode power supply, transformer	Part 2-16: Particular requirements and tests for switch mode power supply	IEC 61558-2-16:2009+AMD1:2013 CSV	

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for switch mode power supply	units and transformer for switch mode power supply units		
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Instrument Transformer	Transformer	Part 1: General Requirements	IEC 61869-1:2007	
	Current Transformer	Part 2: Additional requirements for current transformer	IEC 61869-2:2012	
	Inductive voltage transformer	Part 3: Additional requirements for inductive voltage transformer	IEC 61869-3:2011	
Handheld motor-operated electric tools	Motor operated electric tools	Part 1: General Requirements	IEC 60745-1:2006	
Photovoltaic (PV) module safety qualification	Photovoltaic Module	Part 1: General Construction	IEC 61730-1:2016	
Lamp Control Gear	Lamp Control Gear	Part 1: General Requirements	IEC 61347-1:2015+AMD1:2017 CSV	
	DC and AC supplied electronic	Part 2-2: Particular requirements for dc and ac	IEC 61347-2-2:2011	

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step down	supplied electronic step down	
convertor for	convertors for filament lamps	
filament lamp		

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AC and or DC supplied electronic control gear for fluorescent lamp	Part 2-3: Particular requirements for Ac and/or DC supplied electronic control gear for fluorescent lamp	IEC 61347-2-3:2011+AMD1:2016 CSV	
DC supplied electronic ballast for general lighting	Part 2-4: Particular requirements for DC supplied electronic ballast for general lighting.	IEC 61347-2-4:2011+AMD1:2016 CSV	
Battery supplied electronic control gear for emergency lighting	Part 2-7: Particular requirements for battery supplied electronic control gear for emergency lighting	IEC 61347-2-7:2011+AMD1:2017 CSV	
Ballast for fluorescent lamp	Part 2-8: Particular requirements for ballast for fluorescent lamp	IEC 61347-2-8:2000+AMD1:2006 CSV	
Electromagnetic control gear for discharge lamps	Part 2-9: Particular requirements for electromagnetic control gear for discharge lamp	IEC 61347-2-9:2012	

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	Inverters and convertors for high –frequency operation	Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamp.	IEC 61347-2-10:2000+AMD1:2008 CSV	
	Miscellaneous electronic circuits used with luminaire	Part 2-11: Particular requirements for miscellaneous electronic circuit used with luminaire	IEC 61347-2-11:2001+AMD: 2017 CSV	
	Electronic ballast for discharge lamps	Part 2-12: Particular requirements for dc or ac supplied electronic ballast for discharge lamps	IEC 61347-2-12:2005+AMD1:2010 CSV	
	Led Modules	Part 2-13: Particular Requirements for dc and ac supplied electronic control gear for LED modules	IEC 61347-2-13:2014+AMD1:2016 CSV	
Stationary Training	Stationary training equipment	General Safety Requirements and Test	EN 957-1:2005	

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Equipment				
	Treadmills	Part 6: Additional Specific Requirements and test methods	EN 957-6:2010+A1:2014	
Low Voltage Fuses	Low voltage fuses	Part 1: General Requirements	IEC 60269-1:2006+AMD1+AMD2:2014 CSV	
	Fuses mainly in household appliances	Part 3: Supplementary Requirements for fuses for use by unskilled persons (fuses mainly for household or similar application)	IEC 60269-3:2010+AMD1:2013 CSV	
	Fuse Link for protection in semi-conductor	Part 4: Supplementary requirements for fuse links for the protection of semiconductor devices	IEC 60269- 4:2009+AMD1:2012+AMD2:2016 CSV	
Miniature Fuses	Fuses	Part 1: Definition for miniature fuses and general requirements for miniature links	IEC 60127- 1:2006+AMD1:2011+AMD2015 CSV	

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	Cartridge Fuse Link	Part 2: Cartridge Fuse Link	IEC 60127-2:2014	
Low-Voltage Switch Gear and Control Gear	Switch Gear and Control Gear	Part 1: General Rules	IEC 60947- 1:2007+AMD1:2010+AMD2:2014 CSV	
	Circuit Breaker	Part 2: Circuit Breaker	IEC 60947-2:2016 RLV	
	Switches, Disconnectors, Switch Disconnector, And Fuse Combinations Unit	Part 3: Switches, Disconnectors, Switch- Disconnectors and fuse combinations	IEC 60947- 3:2008+AMD1:2012+AMD2:2015 CSV	
	Contactors and motor starters,	Part 4-1: Contactors and Motor Starter- Electromechanical Contactors and Motor starter	IEC 60947-4-1:2018 RLV	
	Control circuit and Switching Element	Part 5-1: Control Circuit devices and switching elements, electromechanical control circuit devices	IEC 60947-5-1:2016 RLV	

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	Terminal blocks for copper conductor	Part 7-1: Ancillary Equipment – Terminal Blocks for copper conductor	IEC 60947-7-1:2009	
Residual Current Operated circuit-breakers without integral over current protection for household and Similar Uses	Circuit Breaker for Household and Similar Uses	Part 1: General Rules	IEC 61008- 1:2010+AMD1:2012+AMD2:2013 CSV	
Safety of Transportable Motor- Operated electric tools	Motor-operated electric tools	Part 1: General Requirements	IEC 61029-1:1990	
	Circular Saw	Part 2: Particular Requirements for circular saw	IEC 61029-2-1:1993	
	Radial Arm Saw	Part 2: Particular Requirements for radial arm	IEC 61029-2-2:1993	

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		saw		
	Planers and Thicknessers	Part 2: Particular Requirements for planers and thicknessers	IEC 61029-2-3:1993	
	Bench Grinders	Part 2: Particular Requirements for bench grinders	IEC 61029-2-4:1993	
	Band Saws	Part 2: Particular Requirements for band saw	IEC 61029-2-5:1993	
	Mitre Saw	Part 2: Particular Requirements for mitre saw	IEC 61029-2-9:1995	
	Mitre Bench Saw	Part 2: Particular Requirements for mitre bench saw	IEC 61029-2-11:2001	
Boxes and Enclosure for electrical accessories	Boxes and enclosures	Part 1: General Requirements	IEC 60670-1:2015	

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	Connecting boxes and Enclosures	Part 22: Particular Requirements for connecting boxes and enclosures	IEC 60670-22:2003+AMD: 2015 CSV	
Switches for Appliances	Switches	Part 1: General Requirements	IEC 61058-1:2016 RLV	
Conduit system for cable	Conduit	Part 1: General Requirements	IEC 61386-1:2008+AMD1:2017 CSV	
	Rigid Conduit	Part 21: Particular requirements-Rigid Conduit	IEC 61386-21:2002	
Connecting devices for low voltage circuit	Low voltage circuit for household and similar purposes	Part 1: General Requirements	IEC 60998-1:2002	
	Twist-on connecting devices	Part 2-4: Particular requirements for twist-on connecting devices	IEC 60998-2-4:2004	
AC Motor Capacitors	AC motor capacitor	Part 1: General performance, testing and rating, Safety Requirements, guidance for	IEC 60252-1:2010+AMD: 2013 CSV	

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		installation and operation	
Fixed Capacitor for use in Electronic Equipment	Fixed Capacitor	Part 1: Generic Specifications	IEC 60384-1:2016
	Fixed Aluminium Electrolytic Capacitor	Part 4: Sectional Specification	IEC 60384-4:2016
Medical Electrical Equipment	Medical Electrical Equipment	Part 1-2: General Requirements for basic safety and essentials performance Collateral Standard: Electromagnetic disturbance- Requirements and test	IEC 60601-1-2:2012
Drinking water Coolers	Water Coolers	General Requirements	SASO 415 GSO 1811/2007
	Water coolers	Methods of testing drinking water cooler	GSO 1812/2007
	Evaporating Air	General Requirements	GSO 2115/2011

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cooler(Desert		
Coolers)		

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	Evaporating Air cooler(Desert Coolers)	Methods of test for evaporative air coolers	GSO 2116/2011
Electric Storage water Heater	Water heater	Energy Performance Requirements and labelling, Standing Loss, Hot Output water / Mix Water	SASO 2884/2017
	Electric Water storage	Methods of measuring the performance of electric storage water heaters for household purposes	IEC 60379:1987
	Electric Water storage	Efficiency of domestic electrical water storage heaters and testing method	BS EN 50440:2015
Refrigerators, Refrigerator- Freezer and Freezers	Refrigerators, Refrigerator- Freezer and Freezers	Energy Performance, Testing and labelling requirements	SASO 2892:2018
	Household refrigerating appliances	Characteristics and test methods	IEC 62552-1:2007

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Mechanical safety of fans	Fans	Mechanical safety of fans - Guarding	ISO 12499:2008
Equipment for Crop Protection	Knapsack Sprayers	Part 1: Safety and environmental requirements	ISO 19932-1:2013
		Part 2: Test Methods	ISO 19932-2:2013
Welding consumables	Solid wire electrode, solid strip electrode, solid wire and solid rods	General Requirements	ISO 18274:2010
	Filler metals and fluxes for fusion welding of metallic materials	General Requirements	BS EN 13479:2017
	Solid wire electrodes, tubular cored electrodes and electrode/flux combinations for	Classification	ISO 14171:2016

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-			
	arc welding		

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Water Resistance Watches	Watches	General Requirement	ISO 22810:2010	
Arc Welding Equipment	Welding Machine	Part 1: Welding Power Sources	IEC 60974-1:2017+AMD: 2019 CSV	
	Arc Welding Equipment	Part 10: Electromagnetic Compatibility (EMC Requirements)	IEC 60974-10:2014+AMD1:2015 CSV	
	Coupling devices for welding cables	Part 12: Coupling devices for Welding Cables	IEC 60974-12:2011	
Fire detection and Fire alarm	Fire alarm	Part 4: Power supply equipment	BS EN 54-4:1998	
Electromagnetic compatibility (EMC) Equipment – Immunity Test	ESD Generator	Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	IEC 61000-4-2:2008	
	EFT/Burst	Part 4-4: Testing and measurement techniques -	IEC 61000-4-4:2012	

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Gene		trical fast transient/burst unity test		
Surge	e Generator meas	4-5: Testing and surement techniques – e immunity test	IEC 61000-4-5:2017	
Part 4-11: Testing and measurement techniques - VDT Generator Voltage dips, short interruptions and voltage variations immunity tests		surement techniques - nge dips, short ruptions and voltage	IEC 61000-4-11:2004/AMD1:2017	

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

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10.6 Scope of Accreditation

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Log of Suspended Scopes:

TEST CATEGORY	ITEMS, MATERIALS SPECIFIC TESTS / PARAMETERS OR PRODUCTS OR PROPERTIES, COMPONENTS, TESTED CHARACTERISTICS TESTED		SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

Log of Withdrawn Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

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

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