

AWTORITA' MALTIJA DWAR L- ISTANDARDS

Bis-saħha tas-setgħat mogħtija bl-arikoli 16(a) u 18 ta' l-Att dwar l-Awtorità Maltija Dwar L-iStandards (Att No. XIX ta' l-2000), l-Awtorità Maltija Dwar L-iStandards (MSA) addottat l-*Standards* Europej u internazzjonali, imħejjija taħt l-awspiċi tal-European Committee for Electrotechnical Standardization (CENELEC) u l-International Electrotechnical Commission (IEC), bħala Standards Nazzjonali Maltin. Għalhekk, barra li huma standards Ewropej u internazzjonali, l-MSA approvat u aċċettat dawn l-iStandards li issa għandhom *status* ta' Standards Nazzjonali mid-data ta' din il-pubblikazzjoni uffiċjali tal-Gvern.

Dawn l-istandards jistgħu jinkisbu mingħand:

**Awtorita' Maltija Dwar L-iStandards, it-Tieni Sular, Evans Building,
Triq il-Merkanti, Valletta, Malta**

**Tel: (+356) 21242420, Fax: (+356) 21242406, Internet:
<http://www.msa.org.mt>**

MALTA STANDARDS AUTHORITY

In exercise of the powers conferred by articles 16(a) and 18 of the Malta Standards Authority Act, 2000, (Act No. XIX of 2000), the Malta Standards Authority (MSA) has adopted the following European and international Standards, prepared under the auspices of the European Committee for Electrotechnical Standardization (CENELEC) and International Electrotechnical Commission (IEC), as Maltese National Standards. Therefore, in addition to being European and/or international Standards, the MSA has approved and endorsed these Standards which now have the status of National Standards as from the date of this Government official publication.

These standards are available from:

**Malta Standards Authority, Second Floor Evans Building, Merchants
Street, Valletta, Malta.**

**Tel: (+356) 21242420, Fax: (+356) 21242406, Internet:
<http://www.msa.org.mt>**

National Standard	Title	Transposing Standard(identical)
MSA EN 60335-2-67:2003/A1:2006	Household and similar electrical appliances - Safety -- Part 2-67: Particular requirements for floor treatment and floor cleaning machines, for industrial and commercial use	EN 60335-2-67:2003/A1:2006
MSA EN 60335-2-68:2003/A1:2006	Household and similar electrical appliances - Safety -- Part 2-68: Particular requirements for spray extraction appliances, for industrial and commercial use	EN 60335-2-68:2003/A1:2006
MSA EN 60335-2-43:2003/A1:2006	Household and similar electrical appliances - Safety -- Part 2-43: Particular requirements for clothes dryers and towel rails	EN 60335-2-43:2003/A1:2006
MSA EN 50310:2006	Application of equipotential bonding and earthing in buildings with information technology equipment	EN 50310:2006
MSA EN 60335-	Household and similar electrical appliances - Safety -- Part 1: General requirements	EN 60335-

National Standard	Title	Transposing Standard(identical)
1:2002/A12:2006		1:2002/A12:2006
MSA CLC/TR 50450:2006	Resistibility requirements for equipment having (a) telecommunication port(s)	CLC/TR 50450:2006
MSA EN 55013:2001/A2:2006	Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement	EN 55013:2001/A2:2006
MSA EN 62040-2:2006	Uninterruptible power systems (UPS) -- Part 2: Electromagnetic compatibility (EMC) requirements	EN 62040-2:2006
MSA EN 60060-3:2006	High voltage test techniques -- Part 3: Definitions and requirements for on-site tests	EN 60060-3:2006
MSA EN 60384-19:2006	Fixed capacitors for use in electronic equipment -- Part 19: Sectional specification - Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors	EN 60384-19:2006
MSA EN 60384-19-1:2006	Fixed capacitors for use in electronic equipment -- Part 19-1: Blank detail specification - Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors - Assessment level EZ	EN 60384-19-1:2006
MSA EN 60684-3-233:2006	Flexible insulating sleeving -- Part 3: Specifications for individual types of sleeving -- Sheet 233: Heat-shrinkable fluoroelastomer sleeving, flame retarded, fluid resistant, shrink ratio 2:1	EN 60684-3-233:2006
MSA EN 61347-2-1:2001/A1:2006	Lamp controlgear -- Part 2-1: Particular requirements for starting devices (other than glow starters)	EN 61347-2-1:2001/A1:2006
MSA EN 61347-2-2:2001/A1:2006	Lamp controlgear -- Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps	EN 61347-2-2:2001/A1:2006
MSA EN 62217:2006	Polymeric insulators for indoor and outdoor use with a nominal voltage > 1 000 V - General definitions, test methods and acceptance criteria	EN 62217:2006
MSA EN 61300-3-29:2006	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-29: Examinations and measurements - Measurement techniques for characterizing the amplitude of the spectral transfer function of DWDM components	EN 61300-3-29:2006
MSA EN 60384-13:2006	Fixed capacitors for use in electronic equipment -- Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. capacitors	EN 60384-13:2006
MSA EN 60384-13-1:2006	Fixed capacitors for use in electronic equipment -- Part 13-1: Blank detail specification - Fixed polypropylene film dielectric metal foil d.c. capacitors - Assessment level E	EN 60384-13-1:2006
MSA EN 60705:1999/A2:2006	Household microwave ovens - Methods for measuring performance	EN 60705:1999/A2:2006
MSA EN 61242:1997/A12:2006	Electrical accessories - Cable reels for household and similar purposes	EN 61242:1997/A12:2006
MSA EN 62129:2006	Calibration of optical spectrum analyzers	EN 62129:2006
MSA EN 62329-1:2006	Heat shrinkable moulded shapes -- Part 1: Definitions and general requirements	EN 62329-1:2006
MSA EN 61755-1:2006	Fibre optic connector optical interfaces -- Part 1: Optical interfaces for single mode non-dispersion shifted fibres -	EN 61755-1:2006

National Standard	Title	Transposing Standard(identical)
	General and guidance	
MSA EN 61076-2-101:2003/A1:2006	Connectors for electronic equipment -- Part 2-101: Circular connectors - Detail specification for circular connectors M8 with screw- or snap-locking, M12 with screw-locking for low voltage applications	EN 61076-2-101:2003/A1:2006
MSA EN 60311:2003/A1:2006	Electric irons for household or similar use - Methods for measuring performance	EN 60311:2003/A1:2006
MSA EN 61377-1:2006	Railway applications - Rolling stock -- Part 1: Combined testing of inverter-fed alternating current motors and their control system	EN 61377-1:2006
MSA EN 62271-108:2006	High-voltage switchgear and controlgear -- Part 108: High-voltage alternating current disconnecting circuit-breakers for rated voltages of 72,5 kV and above	EN 62271-108:2006
MSA EN 60454-3-8:2006	Pressure-sensitive adhesive tapes for electrical purposes -- Part 3: Specifications for individual materials -- Sheet 8: Woven fabric tapes with pressure-sensitive adhesive based on glass, cellulose acetate alone or combined with viscose fibre	EN 60454-3-8:2006
MSA EN 60464-3-1:2001/A1:2006	Varnishes used for electrical insulation -- Part 3: Specifications for individual materials -- Sheet 1: Ambient curing finishing varnishes	EN 60464-3-1:2001/A1:2006
MSA EN 60464-1:1999/A1:2006	Varnishes used for electrical insulation -- Part 1: Definitions and general requirements	EN 60464-1:1999/A1:2006
MSA EN 60464-2:2001/A1:2006	Varnishes used for electrical insulation -- Part 2: Methods of test	EN 60464-2:2001/A1:2006
MSA EN 60929:2006	AC-supplied electronic ballasts for tubular fluorescent lamps - Performance requirements	EN 60929:2006
MSA EN 60512-13-5:2006	Connectors for electronic equipment - Tests and measurements -- Part 13-5: Mechanical operation tests - Test 13e: Polarizing and keying method	EN 60512-13-5:2006
MSA EN 50419:2006	Marking of electrical and electronic equipment in accordance with Article 11(2) of Directive 2002/96/EC (WEEE)	EN 50419:2006
MSA EN 60512-12-3:2006	Connectors for electronic equipment - Tests and measurements -- Part 12-3: Soldering tests - Test 12c: Solderability, de-wetting	EN 60512-12-3:2006
MSA EN 60512-12-5:2006	Connectors for electronic equipment - Tests and measurements -- Part 12-5: Soldering tests - Test 12e: Resistance to soldering heat, soldering iron method	EN 60512-12-5:2006
MSA EN 60512-12-2:2006	Connectors for electronic equipment - Tests and measurements -- Part 12-2: Soldering tests - Test 12b: Solderability, wetting, soldering iron method	EN 60512-12-2:2006
MSA EN 60512-12-4:2006	Connectors for electronic equipment - Tests and measurements -- Part 12-4: Soldering tests - Test 12d: Resistance to soldering heat, solder bath method	EN 60512-12-4:2006
MSA EN 60512-13-1:2006	Connectors for electronic equipment - Tests and measurements -- Part 13-1: Mechanical operation tests - Test 13a: Engaging and separating forces	EN 60512-13-1:2006

National Standard	Title	Transposing Standard(identical)
MSA EN 60512-13-2:2006	Connectors for electronic equipment - Tests and measurements -- Part 13-2: Mechanical operation tests - Test 13b: Insertion and withdrawal forces	EN 60512-13-2:2006
MSA EN 60512-9-3:2006	Connectors for electronic equipment - Tests and measurements -- Part 9-3: Endurance tests - Test 9c: Mechanical operation (engaging/separating) with electrical load	EN 60512-9-3:2006
MSA EN 50393:2006	Test methods and requirements for accessories for use on distribution cables of rated voltage 0,6/1,0 (1,2) kV	EN 50393:2006
MSA EN 60601-2-27:2006	Medical electrical equipment -- Part 2-27: Particular requirements for the safety, including essential performance, of electrocardiographic monitoring equipment	EN 60601-2-27:2006
MSA EN 60730-2-2:2002/A1:2006	Automatic electrical controls for household and similar use -- Part 2-2: Particular requirements for thermal motor protectors	EN 60730-2-2:2002/A1:2006
MSA EN 60730-2-12:2006	Automatic electrical controls for household and similar use -- Part 2-12: Particular requirements for electrically operated door locks	EN 60730-2-12:2006
MSA EN 61308:2006	High-frequency dielectric heating installations - Test methods for the determination of power output	EN 61308:2006
MSA EN 60335-2-40:2003/A1:2006	Household and similar electrical appliances - Safety -- Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	EN 60335-2-40:2003/A1:2006
MSA CLC/TS 61643-22:2006	Low-voltage surge protective devices -- Part 22: Surge protective devices connected to telecommunications and signalling networks - Selection and application principles	CLC/TS 61643-22:2006
MSA EN 60950-23:2006	Information technology equipment - Safety -- Part 23: Large data storage equipment	EN 60950-23:2006
MSA EN 60950-1:2006	Information technology equipment - Safety -- Part 1: General requirements	EN 60950-1:2006
MSA EN 60950-22:2006	Information technology equipment - Safety -- Part 22: Equipment installed outdoors	EN 60950-22:2006
MSA EN 50414:2006	Test methods for analysis of lead in PVC taken from insulation and sheath of electric and optical fibre cables - Method A: Total lead content determination with flame excitation atomic absorption spectrometry - Method B: Qualitative analysis of lead by lead sulphide staining	EN 50414:2006
MSA EN 60335-2-77:2006	Household and similar electrical appliances - Safety -- Part 2-77: Particular requirements for pedestrian controlled mains-operated lawnmowers	EN 60335-2-77:2006
MSA EN 61280-2-11:2006	Fibre optic communication subsystem test procedures -- Part 2-11: Digital systems - Averaged Q-factor determination using amplitude histogram evaluation for optical signal quality monitoring	EN 61280-2-11:2006
MSA EN 62403:2006	High density recording format on CD-R/RW disc system - HD-BURN format	EN 62403:2006
MSA EN 61280-4-4:2006	Fibre optic communication subsystem test procedures -- Part 4-4: Cable plants and links - Polarization mode dispersion measurement for installed links	EN 61280-4-4:2006
MSA EN 61499-4:2006	Function blocks -- Part 4: Rules for compliance profiles	EN 61499-4:2006
MSA EN 61754-13:2006	Fibre optic connector interfaces -- Part 13: Type FC-PC connector	EN 61754-13:2006

National Standard	Title	Transposing Standard(identical)
MSA EN 61326-1:2006	Electrical equipment for measurement, control and laboratory use - EMC requirements -- Part 1: General requirements	EN 61326-1:2006
MSA EN 61326-2-1:2006	Electrical equipment for measurement, control and laboratory use - EMC requirements -- Part 2-1: Particular requirements - Test configurations, operational conditions and performance criteria for sensitive test and measurement equipment for EMC unprotected applications	EN 61326-2-1:2006
MSA EN 61326-2-2:2006	Electrical equipment for measurement, control and laboratory use - EMC requirements -- Part 2-2: Particular requirements - Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems	EN 61326-2-2:2006
MSA EN 61326-2-6:2006	Electrical equipment for measurement, control and laboratory use - EMC requirements -- Part 2-6: Particular requirements - In vitro diagnostic (IVD) medical equipment	EN 61326-2-6:2006
MSA EN 61925:2006	Multimedia systems and equipment - Multimedia home server systems - Vocabulary of home server	EN 61925:2006
MSA EN 60812:2006	Analysis techniques for system reliability - Procedure for failure mode and effects analysis (FMEA)	EN 60812:2006
MSA EN 60512-14-2:2006	Connectors for electronic equipment - Tests and measurements -- Part 14-2: Sealing tests - Test 14b: Sealing - Fine air leakage	EN 60512-14-2:2006
MSA EN 60745-2-6:2003/A1:2006	Hand-held motor-operated electric tools - Safety -- Part 2-6: Particular requirements for hammers	EN 60745-2-6:2003/A1:2006
MSA EN 62132-4:2006	Integrated circuits - Measurement of electromagnetic immunity 150 kHz to 1 GHz -- Part 4: Direct RF power injection method	EN 62132-4:2006
MSA EN 60512-14-5:2006	Connectors for electronic equipment - Tests and measurements -- Part 14-5: Sealing tests - Test 14e: Immersion at low air pressure	EN 60512-14-5:2006
MSA EN 60512-14-4:2006	Connectors for electronic equipment - Tests and measurements -- Part 14-4: Sealing tests - Test 14d: Immersion - Waterproof	EN 60512-14-4:2006
MSA EN 60512-12-1:2006	Connectors for electronic equipment - Tests and measurements -- Part 12-1: Soldering tests - Test 12a: Solderability, wetting, solder bath method	EN 60512-12-1:2006
MSA EN 60335-2-17:2002/A1:2006	Household and similar electrical appliances - Safety -- Part 2-17: Particular requirements for blankets, pads and similar flexible heating appliances	EN 60335-2-17:2002/A1:2006
MSA EN 60335-2-59:2003/A1:2006	Household and similar electrical appliances - Safety -- Part 2-59: Particular requirements for insect killers	EN 60335-2-59:2003/A1:2006
MSA EN 60335-2-73:2003/A1:2006	Household and similar electrical appliances - Safety -- Part 2-73: Particular requirements for fixed immersion heaters	EN 60335-2-73:2003/A1:2006
MSA EN 61000-4-3:2006	Electromagnetic compatibility (EMC) -- Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	EN 61000-4-3:2006

National Standard	Title	Transposing Standard(identical)
MSA EN 60352-2:2006	Solderless connections -- Part 2: Crimped connections - General requirements, test methods and practical guidance	EN 60352-2:2006
MSA EN 60216-4-1:2006	Electrical insulating materials - Thermal endurance properties -- Part 4-1: Ageing ovens - Single-chamber ovens	EN 60216-4-1:2006
MSA EN 60512-1-100:2006	Connectors for electronic equipment - Tests and measurements -- Part 1-100: General - Applicable publications	EN 60512-1-100:2006
MSA EN 60335-2-79:2004/A1:2006	Household and similar electrical appliances - Safety -- Part 2-79: Particular requirements for high pressure cleaners and steam cleaners	EN 60335-2-79:2004/A1:2006
MSA EN 50200:2006	Method of test for resistance to fire of unprotected small cables for use in emergency circuits	EN 50200:2006
MSA EN 60335-2-90:2006	Household and similar electrical appliances - Safety -- Part 2-90: Particular requirements for commercial microwave ovens	EN 60335-2-90:2006
MSA EN 61078:2006	Analysis techniques for dependability - Reliability block diagram and boolean methods	EN 61078:2006
MSA EN 62059-41:2006	Electricity metering equipment - Dependability -- Part 41: Reliability prediction	EN 62059-41:2006
MSA EN 60601-1-2:2001/A1:2006	Medical electrical equipment -- Part 1-2: General requirements for safety - Collateral standard: Electromagnetic compatibility - Requirements and tests	EN 60601-1-2:2001/A1:2006
MSA EN 60512-14-6:2006	Connectors for electronic equipment - Tests and measurements -- Part 14-6: Sealing tests - Test 14f: Interfacial sealing	EN 60512-14-6:2006
MSA EN 61300-2-14:2006	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-14: Tests - Optical power handling and damage threshold characterization	EN 61300-2-14:2006
MSA EN 60282-1:2006	High-voltage fuses -- Part 1: Current-limiting fuses	EN 60282-1:2006
MSA EN 60704-3:2006	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise -- Part 3: Procedure for determining and verifying declared noise emission values	EN 60704-3:2006
MSA EN 61300-3-18:2006	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-18: Examinations and measurements - Keying accuracy of an angled endface connector	EN 61300-3-18:2006