

AWTORITA' MALTIJA DWAR L- ISTANDARDS

Bis-sahha tas-setgħat mogħtija bl-*aricoli* 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:

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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 50369:2005	Liquid tight sheathing systems for cable management	EN 50369:2005
MSA EN 50085-1:2005	Cable trunking systems and cable ducting systems for electrical installations -- Part 1: General requirements	EN 50085-1:2005
MSA CLC/TR 50460:2005	Cable networks for television signals, sound signals and interactive services - System guidelines for analogue optical transmission systems	CLC/TR 50460:2005
MSA CLC/TS 50217:2005	Guide for in situ measurements - In situ measurement of disturbance emission	CLC/TS 50217:2005
MSA CLC/TR 50448:2005	Guide to levels of competence required in laser safety	CLC/TR 50448:2005
MSA EN 50388:2005	Railway applications - Power supply and rolling stock - Technical criteria for the coordination between power supply	EN 50388:2005

	(substation) and rolling stock to achieve interoperability	
MSA HD 622 S1:1996/A2:2005	Amendment 2 to HD according to maintenance programme - Group 14	HD 622 S1:1996/A2:2005
MSA EN 61788-9:2005	Superconductivity -- Part 9: Measurements for bulk high temperature superconductors - Trapped flux density of large grain oxide superconductors	EN 61788-9:2005
MSA EN 60947-3:1999/A2:2005	Low-voltage switchgear and controlgear -- Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units	EN 60947-3:1999/A2:2005
MSA EN 55016-2-3:2004/A1:2005	Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements (Measurement methods above 1 GHz)	EN 55016-2-3:2004/A1:2005
MSA EN 55016-2-1:2004/A1:2005	Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements	EN 55016-2-1:2004/A1:2005
MSA EN 61058-2-4:2005	Switches for appliances -- Part 2-4: Particular requirements for independently mounted switches	EN 61058-2-4:2005
MSA EN 55016-2-2:2004/A2:2005	Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-2: Methods of measurement of disturbances and immunity - Measurement of disturbance power	EN 55016-2-2:2004/A2:2005
MSA EN 55016-2-3:2004/A2:2005	Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements (Amplitude probability distribution (APD) - Measurement method)	EN 55016-2-3:2004/A2:2005
MSA CLC/TS 50217:2005	Guide for in situ measurements - In situ measurement of disturbance emission	CLC/TS 50217:2005
MSA CLC/TR 50448:2005	Guide to levels of competence required in laser safety	CLC/TR 50448:2005
MSA EN 50388:2005	Railway applications - Power supply and rolling stock - Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability	EN 50388:2005
MSA HD 622 S1:1996/A2:2005	Amendment 2 to HD according to maintenance programme - Group 14	HD 622 S1:1996/A2:2005
MSA EN 61788-9:2005	Superconductivity -- Part 9: Measurements for bulk high temperature superconductors - Trapped flux density of large grain oxide superconductors	EN 61788-9:2005
MSA EN 60947-3:1999/A2:2005	Low-voltage switchgear and controlgear -- Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units	EN 60947-3:1999/A2:2005
MSA EN 55016-2-3:2004/A1:2005	Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements (Measurement methods above 1 GHz)	EN 55016-2-3:2004/A1:2005
MSA EN 55016-2-1:2004/A1:2005	Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements	EN 55016-2-1:2004/A1:2005

MSA EN 61058-2-4:2005	Switches for appliances -- Part 2-4: Particular requirements for independently mounted switches	EN 61058-2-4:2005
MSA EN 55016-2-2:2004/A2:2005	Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-2: Methods of measurement of disturbances and immunity - Measurement of disturbance power	EN 55016-2-2:2004/A2:2005
MSA EN 55016-2-3:2004/A2:2005	Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements (Amplitude probability distribution (APD) - Measurement method)	EN 55016-2-3:2004/A2:2005
MSA EN 50402:2005	Electrical apparatus for the detection and measurement of combustible or toxic gases or vapours or of oxygen - Requirements on the functional safety of fixed gas detection systems	EN 50402:2005
MSA EN 50395:2005	Electrical test methods for low voltage energy cables	EN 50395:2005
MSA EN 50396:2005	Non electrical test methods for low voltage energy cables	EN 50396:2005
MSA EN 61034-1:2005	Measurement of smoke density of cables burning under defined conditions -- Part 1: Test apparatus	EN 61034-1:2005
MSA EN 61034-2:2005	Measurement of smoke density of cables burning under defined conditions -- Part 2: Test procedure and requirements	EN 61034-2:2005
MSA EN 61000-6-2:2005	Electromagnetic compatibility (EMC) -- Part 6-2: Generic standards - Immunity for industrial environments	EN 61000-6-2:2005
MSA EN 61499-1:2005	Function blocks -- Part 1: Architecture	EN 61499-1:2005
MSA EN 61499-2:2005	Function blocks -- Part 2: Software tools requirements	EN 61499-2:2005
MSA EN 55016-1-1:2004/A1:2005	Specification for radio disturbance and immunity measuring apparatus and methods -- Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	EN 55016-1-1:2004/A1:2005
MSA EN 60704-2-3:2002/A1:2005	Household and similar electrical appliances - Test code of the determination of airborne acoustical noise -- Part 2-3: Particular requirements for dishwashers	EN 60704-2-3:2002/A1:2005
MSA EN 61427:2005	Secondary cells and batteries for photovoltaic energy systems (PVES) - General requirements and methods of test	EN 61427:2005
MSA EN 60384-14:2005	Fixed capacitors for use in electronic equipment -- Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains	EN 60384-14:2005
MSA EN 60384-14-1:2005	Fixed capacitors for use in electronic equipment -- Part 14-1: Blank detail specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Assessment level D	EN 60384-14-1:2005
MSA EN 61314-1:2005	Fibre optic fan-outs -- Part 1: Generic specification	EN 61314-1:2005
MSA EN 61754-23:2005	Fibre optic connector interfaces -- Part 23: Type LX.5 connector family	EN 61754-23:2005
MSA EN 60974-12:2005	Arc welding equipment -- Part 12: Coupling devices for welding cables	EN 60974-12:2005
MSA EN 61169-29:2005	Radio-frequency connectors -- Part 29: Sectional specification - Miniature radio frequency coaxial connectors model screw, snap-on, push-pull or quick-lock, slide-in (rack and panel applications) - Characteristic impedance 50 ohms (type 1,0/2,3) - 50 ohms and 75 ohms applications	EN 61169-29:2005
MSA EN 61937-7:2005	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 -- Part 7: Non-linear PCM bitstreams according to the ATRAC, ATRAC2/3 and ATRAC-X formats	EN 61937-7:2005
MSA EN 60239:2005	Graphite electrodes for electric arc furnaces - Dimensions and designation	EN 60239:2005
MSA EN 61280-2-	Fibre optic communication subsystem test procedures -- Part 2-10: Digital systems - Time-resolved chirp and alpha-	EN 61280-2-10:2005

10:2005	factor measurement of laser transmitters	
MSA EN 61605:2005	Fixed inductors for use in electronic and telecommunication equipment - Marking codes	EN 61605:2005
MSA EN 60317-12:1994/A2:2005	Specifications for particular types of winding wires -- Part 12: Polyvinyl acetal enamelled round copper wire, class 120	EN 60317-12:1994/A2:2005
MSA EN 50065-2-2:2003/A1:2005	Amendment to EN regarding possible future technical improvements	EN 50065-2-2:2003/A1:2005
MSA EN 50065-2-3:2003/A1:2005	Amendment to EN regarding possible future technical improvements	EN 50065-2-3:2003/A1:2005
MSA EN 50065-2-1:2003/A1:2005	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz -- Part 2-1: Immunity requirements for mains communications equipment and systems operating in the range of frequencies 95 kHz to 148,5 kHz and intended for use in residential, commercial and light industrial environments	EN 50065-2-1:2003/A1:2005
MSA EN 60519-10:2005	Safety in electroheat installations -- Part 10: Particular requirements for electrical resistance trace heating systems for industrial and commercial applications	EN 60519-10:2005
MSA EN 60898-1:2003/A11:2005	Amendment to EN to improve interpretation of some requirements/testing specifications	EN 60898-1:2003/A11:2005
MSA EN 60947-4-1:2001/A2:2005	Low-voltage switchgear and controlgear -- Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters	EN 60947-4-1:2001/A2:2005
MSA EN 61300-2-42:2005	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-42: Tests - Static side load for connectors	EN 61300-2-42:2005
MSA CLC/TS 50459-5:2005	Railway applications - Communication, signalling and processing systems - European Rail Traffic Management System - Driver-Machine Interface -- Part 5: Symbols	CLC/TS 50459-5:2005
MSA EN 61300-2-18:2005	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-18: Tests - Dry heat - High temperature endurance	EN 61300-2-18:2005
MSA HD 60364-5-559:2005	Electrical installations of buildings -- Part 5-55: Selection and erection of electrical equipment - Other equipment -- Clause 559: Luminaires and lighting installations	HD 60364-5-559:2005
MSA EN 62365:2005	Digital audio - Digital input-output interfacing - Transmission of digital audio over asynchronous transfer mode (ATM) networks	EN 62365:2005
MSA CLC/TS 50459-1:2005	Railway applications - Communication, signalling and processing systems - European Rail Traffic Management System - Driver-Machine Interface -- Part 1: Ergonomic principles for the presentation of ERTMS/ETCS/GSM-R information	CLC/TS 50459-1:2005
MSA CLC/TS 50459-2:2005	Railway applications - Communication, signalling and processing systems - European Rail Traffic Management System - Driver-Machine Interface -- Part 2: Ergonomic arrangements of ERTMS/ETCS information	CLC/TS 50459-2:2005
MSA CLC/TS 50459-3:2005	Railway applications - Communication, signalling and processing systems - European Rail Traffic Management System - Driver-Machine Interface -- Part 3: Ergonomic arrangements of ERTMS/GSM-R information	CLC/TS 50459-3:2005
MSA CLC/TS 50459-4:2005	Railway applications - Communication, signalling and processing systems - European Rail Traffic Management System - Driver-Machine Interface -- Part 4: Data entry for the ERTMS/ETCS/GSM-R systems	CLC/TS 50459-4:2005

MSA CLC/TS 50459-6:2005	Railway applications - Communication, signalling and processing systems - European Rail Traffic Management System - Driver-Machine Interface -- Part 6: Audible information	CLC/TS 50459-6:2005
MSA EN 50412-2-1:2005	Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz -- Part 2-1: Residential, commercial and industrial environment - Immunity requirements	EN 50412-2-1:2005
MSA EN 50288-7:2005	Multi-element metallic cables used in analogue and digital communication and control -- Part 7: Sectional specification for instrumentation and control cables	EN 50288-7:2005
MSA EN 50389:2005	Space product assurance - Wire-wrapping of high-reliability electrical connections	EN 50389:2005
MSA EN 61754-22:2005	Fibre optic connector interfaces -- Part 22: Type F-SMA connector family	EN 61754-22:2005
MSA EN 62328-1:2005	Multimedia home server systems - Interchangeable volume/file structure adaptation for broadcasting receivers -- Part 1: General description and architecture	EN 62328-1:2005
MSA EN 62328-2:2005	Multimedia home server systems - Interchangeable volume/file structure adaptation for broadcasting receivers -- Part 2: General recording structure	EN 62328-2:2005
