

Reference	Title	Scope	Date of Publication	Date of Withdrawal	Supersedes	Normative Reference
MSA 100:2002	Specification for keyboard allocation of graphic characters for data processing	<p>This Maltese Standard specifies the allocation of a minimum set of graphic characters to the alphanumeric section of a keyboard that conforms to MSA ISO/IEC 9995-1:2001 and to MSA ISO/IEC 9995-2:2001. The repertoire of allocated graphic characters is that of the @C0 Controls and Basic Latin@ character set supplemented by a few characters from @C1 Controls and Latin-1 Supplement@ and Latin Extended-A@ character sets.</p> <p>The alphanumeric zone of the keyboard is provided with 48 keys to which the graphic characters are allocated.</p> <p>The keyboard arrangements specified in this Maltese Standard are intended to apply to keyboards of information technology equipment such as personal computers, workstations, and visual display units and other computer terminals.</p>	2002	N/A	N/A	<p>BS 4730:1993 MSA ISO/IEC 9995 MSA ISO/IEC 9995-1:2001 MSA ISO/IEC 9995-2:2001 MSA ISO/IEC 10367:2001 CEN Report CR 14270:2001 Unicode Standard Version 3.0 C0 Controls and Basic Latin C1 Controls and Latin 1 Supplement Latin Extended A</p>
MSA 200:2009	Maltese Data and Information Requirements on Information and Communication Technology	<p>This Maltese Standard specified Maltese data and information requirements on Information and Communication Technology (ICT). It covers elements that consensus could be reached on, such as the alphabet, sorting rules and the input and output format of numbers, dates and time. The structure of this standard follows that of MSA ENV 12005:2002, to make it possible to directly register its contents in the European Registry of cultural Elements.</p>	40165	N/A	N/A	<p>MSA 100:2002 MSA ENV 12005:2002 MSA EN ISO 216:2007 MSA ISO 639-1:2002 MSA ISO 639-2:2002 MSA ISO 1000:2002 MSA ISO 2108:2009 MSA EN ISO 3166-1:2006 MSA ISO 4217:2009 MSA ISO/IEC 6937:2002 MSA ISO/IEC 10646-1:2002 MSA EN 28601:2002 MSA ISO 8859-1:2002 MSA ISO/IEC 9945-2:2002 MSA ISO/IEC 9995-1:2009 Maltese Language Act, CAP 470 Local Council Act, ACT XVI of 1993</p>
MSA 400:2003	Hand-made Maltese Lace- Characteristics and Identification Parameters	<p>The scope of this standard is to identify the characteristics to distinguish hand-made Maltese lace from other types of lace including, though not exclusively, machine made lace, incorporating technique, design and tradition. The standard should therefore serve as a guide for the industry stakeholders to ensure that a genuine article is being manufactured. Machine-made lace shall not be classified as hand-made Maltese lace.</p>	38100	N/A	N/A	<p>UNE 40605:2000 MSA ISO 4915:2003 MSA EN ISO 9073-2:2000 MSA ISO 8388:2000 MSA ISO 1144:2003 MSA ISO 2947:2003 MSA ISO 2076:2003 The Camarinas Lace Book – Museo del Encaje de Camarinas Gozo Lace- An introduction to Lace making in the Maltese Island- Consiglia Azzopardi</p>
MSA 600:2003	Traditional hand-made Maltese filigree- General Characteristics and identification parameters	<p>This Maltese standard on the traditional handmade filigree in precious metals specifies the characteristics to determine the genuine craft. Its aim is to define all the operations needed to obtain a finished product in traditional hand-made Maltese filigree. It is intended to be applied by the manufacturers who wish to produce filigree articles in the traditional hand-made method. The standard can also serve as a means of obtaining certification that filigree manufactured according to the techniques and having the characteristics detailed in this standard, is considered to be traditional hand-made Maltese filigree.</p>	37985	N/A	N/A	<p>Goldsmiths and Silversmiths Act, Cap. 46 of the revised edition of the Laws of Malta. Goldsmiths and Silversmiths Regulations, L.N. 147 of 2004</p>

MSA 800:2006	Colour coding of containers for the separate collection of wastes	<p>This Maltese Standard gives the requirements for the determination of the colour coding system for different waste streams, in order to have an appropriate segregation of wastes for recovery and disposal purposes.</p> <p>The uniformity in the application of colour coding for waste containers at a national level is intended to:</p> <ul style="list-style-type: none"> • Facilitate the collection of source-separated waste for recycling by means of giving the public a standard colour coding system. • Make particular problematic waste streams such as hazardous wastes and healthcare wastes easily identifiable in an effort to minimise potential health hazards during handling. • Minimize the possibility of mixing waste streams together by waste collectors. <p>The type of container/s suitable for different waste streams is not covered by the scope of this standard.</p>	2006	N/A	N/A	Act no. XXI of 1992 Act no. XX of 2001 LN 152 of 2004 LN 337 of 2001
MSA TS 1200:2004	Indoor Air Quality - Reduction of effects of smoking on non-smokers - Requirements	<p>This Maltese Technical Specification gives the necessary requirements for minimising the possibility of contamination of non-smoking areas by chemicals emanating from smoking activities carried out in smoking rooms or areas in licensed premises.</p> <p>This Technical specification does not cover the requirements of the ventilation of buildings wherein no smoking activity is carried out.</p> <p>This National Standard specifies requirements for a vehicle repair facility to</p> <ol style="list-style-type: none"> demonstrate its ability to consistently provide a service that meets manufacturer and applicable regulatory requirements, and aim to enhance customer satisfaction. <p>This standard does not cover requirements for servicing of the vehicle.</p>	38205	N/A	N/A	Tobacco (Smoking Control) Act, Cap. 315 of the Revised Edition of the Laws of Malta and any subsequent amendments Control of Smoking in Public Places, L.N. 203 of 2004 and any subsequent amendments.
SM 1400:2013	Motor Vehicle Repairs - Repairers management system- Requirements	<p>This National Standard specifies requirements for a vehicle repair facility to</p> <ol style="list-style-type: none"> demonstrate its ability to consistently provide a service that meets manufacturer and applicable regulatory requirements, and aim to enhance customer satisfaction. <p>This standard does not cover requirements for servicing of the vehicle.</p>	2013	N/A	N/A	MSA EN 12215:2004+A1:2009. Coating plants. Spray booths for application of organic liquid coating materials. Safety requirements, Commission Regulation EC 1400/2002- Block Exemption Regulation End-of-Life Vehicles Directive (ELV), 2000/53/EC
MSA TS 800:2007	Degradable Plastic Carrier Bags – Test Method	<p>This Maltese Technical Specification gives the necessary tests that have to be conducted and their respective interpretation of results to determine if a plastic carrier bag can be considered as degradable.</p> <p>Note 1: This Technical Specification only confirms plastics that are degradable however, it does not mean that plastics failing this test are not degradable.</p>	39381	N/A	N/A	ASTM D 5510-94, Standard Practice for the Heat Aging of Oxidatively Degradable Plastics. ISO EN 472:1999, Plastics - Vocabulary ISO 527-3:1993, Plastics – Determination of Tensile Properties – Test conditions for films and sheets EN ISO 17025:2005, General Requirements for the Competence of Testing and Calibration Laboratories Eco-Contribution Act, Cap. 437 of the Revised Edition of the Laws of Malta Eco-Contribution Act, L.N. 533 of 2004
MSA 1600:2008	Remote Gaming – Operators Management System - Requirements	<p>This Standard defines the minimum requirements of a Remote Gaming operation for demonstrating that it is fair and auditable.</p> <p>This Standard reflects the principles of best practice in Remote Gaming operations that ensure:</p> <ol style="list-style-type: none"> responsible gaming on behalf of the player; adequate probity and accountability on behalf of the Operator, and that the organization demonstrates its ability to consistently provide a fair and secure service that meets customer and applicable regulatory and industry requirements. <p>All requirements of this Standard are intended to be applicable to all remote gaming organizations, regardless of type, size and service provided.</p> <p>This Standard covers remote games where registered players are offered a reward, either for money or for value in exchange for monies paid to participate. Games without a prize of monetary value are excluded regardless of the consideration involved or contract terms.</p> <p>This Standard is independent of gaming type, technology employed or Operator jurisdiction.</p>	2008	N/A	N/A	MSA EN ISO IEC 27001:2005, Information technology – Security techniques – Information security management systems- Requirements

MSA 2000:2009	Biotechnology- Control of Public Health Pests - Operators' Management System Requirements	This National Standard specifies requirements where an operator needs to demonstrate its ability to consistently provide a service that; a) meets customer and applicable regulatory requirements, b) aims at enhancing customer satisfaction, and c) aims at protecting the safety of humans and non-targeted species from the effects of its service.	40116	2015 - Superseded by SM EN 16636:2015	N/A	Correct Pest Management Procedures as laid down by the British Pest Control Association – UK and the National Pest Technicians Association – UK Health and Safety Executive – UK http://www.hse.gov.uk/ Killgerm Training Manual – Killgerm Group Ltd – UK, 2008 edition, compiled by the following contributors: Dr. Moray Anderson, BSc (Hons) PhD FRES CBIol FIBiol, Maureen O'Shea, BSc (Hons) CBIol MIBiol FRES FSOFHT MBPR (PHPC), Paul Hoyes, Hannah Groves BSc (Hons) MRes, Chris Lawrence BA (Hons) CChem MRSC, Philip Dalglish BSc CChem MRSC MBIRA, John Greening HND, John Charlton – John Charlton Associates, Mathew Davies BSc (Hons) AMIBiol MRSH. Mallis A., Hedges S., Moreland D.(Editor), Mallis Handbook of Pest Control, 9th Edition, 2004, ISBN 1-890561-01-0 Pesticide Safety Directorate – UK http://www.pesticides.gov.uk/ Requirements for a HACCP based Food Safety System – compiled by the National Board of Experts , The Netherlands – HACCP – The Netherlands (3rd version 2002)
MSA 1825:2009	Milk distributors - Transportation and distribution of pasteurised milk and milk products – Requirements	This Maltese Standard identifies the necessary minimum requirements for the transportation and distribution of pasteurised milk and milk products in a consistently hygienic and safe manner.	40165	N/A	N/A	Food Safety Act, 2002 (Act No. XIV of 2002) L.N. 146 of 2008 - Food Safety (Temperature Control) Regulations, 2008
MSA 501:2004	Food Safety Guidelines for the Retail Sector			N/A	N/A	
MSA 502:2006	Food Safety Guidelines for the Catering Sector			N/A	N/A	
MSA 3500:2010	Public Playgrounds – Requirements for Public Playgrounds Safety and their Management	This National Standard specifies the minimum requirements for the management of a public playground facility. The standard has the following scope: a) To provide information when designing/planning new playgrounds, in particular issues regarding accessibility (this will also be useful to those already existing playgrounds which will undergo any refurbishing in the future); b) To provide the necessary technical information to be included when submitting tenders for playground equipment; c) To provide guidelines for the regular maintenance and responsibilities for the upkeep of playgrounds; d) To outline routine and annual inspection procedures. Its aim is to provide general guidelines for the design and proper management of a playground, for the satisfaction of those using the facilities and thereby ensuring that these sites are safe.	2010	N/A	N/A	MSA EN 1176 (All parts); MSA EN 1177, Impact attenuating playground surfacing – Determination of critical fall heights; Product Safety Act CAP 427 of 2001; Local Councils Act CAP 363; Equal Opportunities (Persons with Disability) ACT Chapter 413; L.N. 5 of 2006 Control of Legionella Regulations, 2006 of the Public Health Act, 2003 (Act No.XIII of 2003); L.N. 224 of 2001 ENVIRONMENT PROTECTION ACT, 2001 (ACT NO. XX OF 2001) Limit Values for Nitrogen Dioxide, Sulphur Dioxide and Oxides of Nitrogen, Particulate Matter and Lead in Ambient Air Regulations, 2001; LN 163 of 2002 ENVIRONMENT PROTECTION ACT, 2001 (Act No. XX of 2001) Limit Values for Benzene and Carbon Monoxide in Ambient Air, Regulations 2002; L.N. 292 of 2007 ENVIRONMENT PROTECTION ACT (CAP. 435) Arsenic, Cadmium, Mercury, Nickel and Polycyclic Aromatic Hydrocarbons in Ambient Air Regulations, 2007; Directive 2008/50/EC of the European Parliament and of the Council of 21 May 2008 on ambient air quality and cleaner air for Europe.

SM 3600:2014	Indoor Play Facilities - Safety - Requirements for Indoor Play Facilities and their Management	<p>This National Standard specifies the minimum requirements for the planning, design, safe operation and management of indoor play facilities. An indoor play facility shall satisfy the following criteria:</p> <ul style="list-style-type: none"> a) is intended for children under 14 years of age who may be accompanied by an adult; b) is accessible to the general public with or without payment; and c) is intended for recreational purposes only. <p>The following are excluded from this standard:</p> <ul style="list-style-type: none"> a) Play facilities in child care centres; b) Play facilities in schools; c) Facilities where children learn a subject or craft; d) Playgrounds falling within the scope of standard MSA3500:2010; e) Swimming pools. <p>NOTE: Where the play area has an outdoor component then MSA 3500:2010 shall apply to this component.</p> <p>The aim of this standard is to provide:</p> <ul style="list-style-type: none"> a) general guidelines for the design and proper management of the indoor play facilities for the satisfaction of those using the facilities and thereby ensuring that these sites are safe; b) information for when planning new indoor play facilities, and/or when refurbishing existing facilities, to conform with this standard; c) guidelines for the responsibilities and regular maintenance for the upkeep of indoor play facilities; d) routine and annual inspection procedures. 	N/A	N/A	<p>BS 6206: 1981, Specification for impact performance requirements for flat safety glass and safety plastics for use in buildings.</p> <p>BS 6465-1:2006+A1:2009, Sanitary installations – Part 1: Code of practice for the design of sanitary facilities and scales of provision of sanitary and associated appliances.</p> <p>MSA EN 1176:2008 (all parts), Playground equipment and surfacing.</p> <p>MSA EN 14960:2013, Inflatable play equipment – Safety requirements and test methods.</p> <p>BS 8300:2009+A1:2010 Design of buildings and their approaches to meet the needs of disabled people. Code of practice.</p> <p>Chapter 10, Code of Police Laws.</p> <p>Chapter 427 of 2001, Product Safety Act.</p> <p>Chapter 413, Equal Opportunities (Persons with Disability) Act.</p> <p>Chapter 465, Public Health Act, Subsidiary Legislation 465.03 Control of Legionella Regulations.</p> <p>Chapter 504, Environment Protection Act Subsidiary Legislation 504.100, Ambient Air Quality Regulations.</p> <p>Chapter 449, Food Safety Act.</p> <p>Chapter 449, Food Safety Act, Subsidiary Legislation 449.28, Registration of food premises regulations.</p>	
SM 3200:2014	Cash and Valuables - In-Transit and Vaulting Services - minimum requirements	<p>This National Standard, in conjunction with the M.A.C.T.O Technical Advisory Committee requirements, provides a specification for all aspects relating to cash and valuables -in-transit and vaulting services provided by licensed CVIT operators, on a contractual basis to include security specifications, protocols, management, staffing, training, health and safety, operational procedures, records and reports.</p>	41999	N/A	N/A	<p>Chapter 389: Private Guards and Local Wardens Act</p> <p>Chapter 424: Occupational Health And Safety Authority Act</p> <p>Chapter 135: Conditions of Employment (Regulation) Act</p> <p>Chapter 440: The Data Protection Act.</p> <p>Transport Authority Regulations</p> <p>BS 7872:2011, Manned security services – Cash and valuables in transit services (collection and delivery) – Code of practice;</p> <p>I.S. 998:2006 Cash-In-Transit services</p>
SM 5100:2015	Photovoltaic Installations - Requirements for electrical safety of single phase systems	<p>This standard shall apply to grid tied PV power supply systems with a maximum current capacity not exceeding 40A a.c. and connected in single phase to the electrical distribution system.</p> <p>The standard is applicable to a TT type system as defined in BS 7671.</p> <p>Note: TT-system is a system having one point of the source of energy directly earthed, the exposed conductive-parts of the installation being connected to earth electrodes electrically independent of the earth electrodes of the source.</p> <p>This standard defines the electrical safety requirements of the PV installations.</p> <p>PV power supply systems which are intended for stand-alone operation or systems equipped with batteries are excluded from this standard.</p>	42104	N/A	N/A	<p>BS 7671:2008+A1:2011 - Requirements for electrical installations. IET Wiring Regulations. Seventeenth edition;</p> <p>MSA EN 62446 - Grid connected photovoltaic systems - Minimum requirements for system documentation, commissioning tests and inspection;</p> <p>The Network Code (Approved by the Malta Resources Authority) Issued by: Enemalta Corporation;</p> <p>IEC 61727 Photovoltaic (PV) systems - Characteristics of the utility interface;</p> <p>IEC 62423 - Type F and type B residual current operated circuit-breakers with and without integral over current protection for household and similar uses;</p> <p>HD 605 S2:2008 Electric cables - Additional test methods;</p> <p>EN 62305 series Protection against lightning;</p> <p>IEC 60439-1 Low-Voltage switchgear and controlgear assemblies – Type tested and partially type-tested assemblies</p>

SM 3800:2015	Accessibility for All in the Built Environment	<p>The scope of this Maltese Standard is to give recommendations regarding the design, adaptation and assessment of buildings and constructed open spaces to meet the needs of persons with disabilities.</p> <p>This standard does not cater for all the needs of persons with intellectual disabilities. The needs of persons with intellectual disabilities may be addressed in other specific standards.</p>	42104	N/A	N/A	<p>EN 81-40 'Safety rules for the construction and installation of lifts. Special lifts for the transport of persons and goods. Stairlifts and inclined lifting platforms intended for persons with impaired mobility'</p> <p>EN81-41 'Safety rules for the construction and installation of lifts. Special lifts for the transport of persons and goods. Vertical lifting platforms intended for use by persons with impaired mobility'</p> <p>EN 12183 'Manual wheelchairs. Requirements and test methods'</p> <p>EN 81-70 'Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Accessibility to lifts for persons including persons with disability'</p> <p>ISO7001:2007 'Graphical symbols - Public information symbols'</p> <p>The Assessment of Floor Slip Resistance' Issue 4.0 (United Kingdom Resistance Group, 2011)</p>
SM 5200:2017	Solar Photovoltaic (PV) Installations - General requirements for PV systems installations	<p>This National Standard specifies the minimum requirements for proper installation of PV power supply systems whether or not connected in single or three phase to the electrical distribution system.</p> <p>This Standard defines:</p> <p>(i) general mechanical requirements for all systems: and</p> <p>(ii) electrical safety requirements limited to single phase system with a maximum current capacity not exceeding 40A ac) of PV panel installations .</p> <p>It also provides guidelines regarding positioning of PV panels, training and experience of installers, handover and documentation requirements.</p>	42783	N/A	N/A	<p>EN 1990 Eurocode: Basis of structural design</p> <p>EN 1991 Eurocode 1: Actions on structures</p> <p>SM 5100:2015 Photo-voltaic Installations – Requirements for electrical safety for single phase systems.</p> <p>EU Directive 2009/28/EC - on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC</p> <p>Engineering Profession Act: Chapter 321 of the Laws of Malta</p> <p>Periti Act: Chapter 390 of the Laws of Malta</p> <p>Occupational Health and Safety Authority Act (Act XXVII of 2000)</p>
SM 3700:2017	Green Roofs - Criteria for the planning, construction, control and maintenance of Green Roofs	<p>The purpose of this standard is to set out the basic principles and requirements which apply, in general terms, to the planning, construction and maintenance of Green Roofs. This standard is intended for use by professionals and trade people working in all relevant sectors and trades.</p>		N/A	N/A	<ul style="list-style-type: none"> □ Regulation (EU) No 1143/2014 of the European Parliament and the Council of 22 October 2014 on the prevention and management of the introduction and spread of invasive alien species □ Commission Implementing Regulation (EU) 2016/1141 of 13 July 2016 adopting a list of invasive alien species of Union concern pursuant to Regulation (EU) No 1143/2014 of the European Parliament and of the Council □ S.L.549.64 Trees and Woodlands Protection Regulation □ S.L.549.44 Flora, Fauna and Natural Habitats Protection Regulations □ Guidelines on Trees, Shrubs and Plants for Planting and Landscaping in the Maltese Islands Environmental Management Unit, January 2002, ERA □ Guidelines for the planning, construction and maintenance of Green Roofs, FLL, 2008 edition □ Act XXVII/2000 Occupational Health and Safety □ Legal Notice 44 of 2002, as amended by Legal Notice 437 of 2012. Work Place (Minimum Health and Safety Requirements) Regulations [S.L.424.15]. □ Legal Notice 36 of 2012. Occupational Health and Safety (Payment of Penalties) Regulations [S.L.424.33]. □ Legal Notice 281 of 2004. Work Place (Minimum Health and Safety Requirements for Work at Construction Sites) Regulations [S.L.424.29]. □ Construction Products Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EE □ MSA EN 12056-3:2000 Gravity drainage systems inside buildings. Roof drainage, layout and calculation. □ MSA EN 15428:2007 Soil improvers and growing media.

SM 6000:2017	Safety Management Systems - Requirements for combat sports practised by minors in a ring	<p>This standard shall outline the requirements of a system for the management of the safety of minors who practice combat sports (including boxing and martial arts) in a ring in the form of training or competition.</p> <p>This standard excludes:</p> <p>a) combat sports in which a person can strike another person when more than two points of his body are touching the ground</p> <p>b) activities which fall within the scope of the standard but are conducted outside the facility</p>	N/A	N/A	<p>EN 13200-1, Spectator facilities - Part 1: General characteristics for spectator viewing area</p> <p>CEN/TR 13200-2:2005, Spectator facilities –Part 2 Layout criteria of service area: Characteristics and national situations</p> <p>EN 13200-3, Spectator facilities - Part 3: Separating elements - Requirements</p> <p>EN 13200-4, Spectator facilities - Part 4: Seats - Product Characteristics</p> <p>EN 13200-5, Spectator facilities - Part 5: Telescopic stands</p> <p>EN 13200-6, Spectator facilities - Part 6 : Demountable (temporary) stands</p> <p>EN 13200-7, Spectator facilities - Part 7: Entry and exit elements and routes</p> <p>prEN 13200-8; Spectator facilities - Part 8: Safety Management</p> <p>BS 6206:1981 – ‘Specification for impact performance requirements for flat safety glass and safety plastics for use in buildings’</p> <p>CAP 440 – Data Protection Act</p> <p>CAP 518 – Protection of Minors (Registration) Act</p>
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