

**DRAFT MALAYSIAN STANDARDS FOR
PUBLIC COMMENT
(01/12/2018 - 31/01/2019)**

The following drafts of Malaysian Standards (MS) are now available for Public Comment. Drafts MS with no charges indicated can be downloaded. The hardcopy of the IDT drafts are available at the charges indicated or can be referred for review free of charge from:

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All comments must reach SIRIM STS SDN. BHD.
Not later than 31/01/2019

ISC A : Agriculture

18A002R0

Amenities trees and palms maintenance - Pruning

This Malaysian Standard establishes general principle for good practices of amenities trees maintenance which covers pruning activity.

ISC G : Information Technology, Communications and Multimedia

16G001R0

Malaysian Geospatial Metadata Standard (MGMS)

This Malaysian Standard defines the metadata schema for describing geospatial dataset and services. It provides information about the identification, the extent, the quality, the spatial and temporal aspects, spatial reference, the portrayal, distribution and other properties of digital geographic data and services.

The MGMS is applicable to:

- a) The cataloguing of all types of resources, clearinghouse activities and full description of datasets and services; and
- b) Geographic services, geographic datasets, dataset series and geographic features and feature properties.

The MGMS details out:

- a) Mandatory, optional and conditional metadata sections, metadata entities, metadata elements and Unified Modelling Language (UML) diagrams; and
- b) The minimum set of metadata required to serve most metadata applications (data discovery, determining data fitness for use, data access, data transfer and use of digital data and services).

The MGMS is beneficial to:

- a) Malaysian data providers, data users and stakeholders (government or private agencies), will use this document as a guide in metadata preparation and implementation in their geospatial databases or datasets;
- b) System developers (local or foreign companies), will give some idea as a reference document which contains description of metadata, element definitions and explanations. It also provides some extended metadata components, so that they are able to build a suitable system or application for metadata requirements; and
- c) This document is read with some knowledge of the UML and furthermore will strengthen the knowledge of the geospatial users and industry.

ISC S : Electrical and Electronics Equipments and Accessories

17S004R4 (RM 40.00)

Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters (Fourth revision) (IEC 60335-2-21:2012, MOD)

This Malaysian Standard is a modified adoption of IEC 60335-2-21:2012, *Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters*.

This standard deals with the safety of electric storage water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard.

This standard is also applicable to solar water heater with the provision of electric heating element. This standard is also applicable to immersion heater units intended to be retrofitted in a heat exchange closed water heater having provision for retrofitting.

This standard cancels and replaces MS 1597-2-21:2015.

17S005R0

Non-conductive isolation barrier for water heater - Specification

This Malaysian Standard describes the requirements for non-conductive isolation barrier for water heater connected to electrical power supply at not more than 230 V +10% -6% with earth connection.

17S012R3 (RM 40.00)

Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heater (Third revision) (IEC 60335-2-35:2016, MOD)

This Malaysian Standard is a modified adoption of IEC 60335-2-35:2016, *Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters*.

This Malaysian Standard deals with the safety of electric instantaneous water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

NOTE. Instantaneous water heaters incorporating bare heating elements are within the scope of this standard.

Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended for use in shops, in light industry and on farms, are within the scope of this standard.

As far as is practicable, this standard deals with the common hazards presented by appliances which are encountered by all persons in and around the home. However, in general, it does not take into account:

- a) persons (including children) whose:
 - physical, sensory or mental capabilities; or
 - lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction;
- b) children playing with the appliance.

This standard cancels and replaces MS 1597-2-35:2010.

ISC U : Food, Food Products and Food Safety

16U039R1

Coffee and its products - Vocabulary (First revision)

This Malaysian Standard defines the most commonly used terms relating to coffee and its products.

This standard cancels and replaces MS 1129:1989.

ISC Y : Quality and Organisational Management

16Y004R0

Incubator management - Guidelines on establishing and operating incubators

This Malaysian Standard provides guidance to all types of organisations, regardless their size or location. This standard is intended to provide organisations with guidance concerning to incubator management and can be used as part of public or organisation guideline activities.

This standard was developed taking into consideration the local context:

- a) integrating, implementing and promoting incubator management within its sphere of influence;
- b) policies, strategy, support, operations and processes, structure and staffing, tracking and monitoring, sustainability, safety, health and environment, concepts, terms and definitions related to incubator management;
- c) the background, characteristics and benchmarking incubator management; principles and practices relating to incubator management; and
- d) the core subjects and issues of incubator management.

This standard is intended to assist incubators in contributing to sustainable development of incubator management. It is intended to promote common understanding in the field of incubator management, and to complement other instruments and initiatives for good incubator management.

18Y001R2 (RM 60.00)

Guidelines for auditing management systems (Second revision) (ISO 19011:2018, IDT)

This Malaysian Standard is identical with ISO 19011:2018, *Guidelines for auditing management systems*.

This standard provides guidance on auditing management systems, including the principles of auditing, managing an audit programme and conducting management system audits, as well as guidance on the evaluation of competence of individuals involved in the audit process. These activities include the individual(s) managing the audit programme, auditors and audit teams.

This standard cancels and replaces MS ISO 19011:2011.
