

UNDER DEVELOPMENT

1 DECEMBER 2024 - 30 JANUARY 2025

No.	Title of DMS	Scope	Link
NSC 21- FOOD, FOOD PRODUCTS & FOOD SAFETY			
1	DMS 2683 Dehydrated Kelulut (Stingless Bee) Honey- Specification	This Malaysian Standard specifies the quality requirements, sampling, preparation of test sample, test methods, hygiene, packaging and labelling, for dehydrated kelulut honey produced by stingless bee of Meliponini tribe intended for direct human consumption.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA910.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=910&redId=2&regId=910
2	DMS 2782 Honey (<i>Apis</i> sp.) – specification	This Malaysian Standard specifies the quality requirements, sampling, preparation of test sample, test methods, hygiene, packaging and labelling, for honey produced by honey bees of <i>Apis</i> sp. intended for direct human consumption.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA911.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=911&redId=2&regId=911

15 NOVEMBER 2024 – 14 JANUARY 2024

No.	Title of DMS	Scope	Link
NSC 12 – TRANSPORT			
1	DMS 1822 Classification and definition of power-driven vehicles and trailers (Second revision)	<p>This Malaysian Standard defines the classification and definition of power-driven vehicles and trailers. This standard also defines terms relating to some types of road vehicles designated according to certain design and technical characteristics. The terms do not take into account whether the vehicles and certain combinations are authorised or not in the country.</p> <p>The provisions of this standard apply to all vehicles designed for road circulation, towed vehicles, combination of vehicles, mopeds, motorcycles as well as off-road vehicles and tractors.</p>	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA904.csp?\$NAMESPACE=UPC&redirPage=regulation&redRegId=904&redId=2&regId=904

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No.	Title of DMS	Scope	Link
NSC 12 – TRANSPORT			
1	DMS 2776-1 Light electric vehicle battery swapping - Part 1: General and guidelines	<p>This standard establishes a general overview and guidelines of swappable battery system (SBS) that applies to motor vehicle L category as classified in accordance with MS 1822 which referred as light electric vehicle (LEV).</p> <p>This document is not applicable to:</p> <ol style="list-style-type: none"> aspects related to maintenance and service of the battery swapping station (BSS); vehicles designed primarily for use off-road; and maintenance and service of LEV. 	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA905.csp?\$NAMESPACE=UPC&redirPage=regulation&redRegId=905&redId=2&regId=905

2	DMS 2776-2 Light electric vehicle battery swapping - Part 2: Safety requirements	<p>This document provides a safety requirement in a battery swapping system (BSSys), for the purposes of swapping swappable battery system (SBS) of light electric vehicles (LEVs). The BSSys is intended to be connected to the supply network. The power supply is up to 1 000 V AC or up to 1 500 V DC in accordance with IEC 60038.</p> <p>This standard also applies to BSSys supplied from on-site storage systems (e.g. buffer batteries) and for LEV equipped with one or more SBS. Aspects covered in this standard includes:</p> <ul style="list-style-type: none"> a) safety requirements of the BSSys and/or its systems; b) security requirements for communication; c) electromagnetic compatibility (EMC); d) signs and instructions; e) protection against electric shock and other hazards. <p>NOTE. BSSys for LEVs according to the IEC 61851-3 series 1 are under consideration.</p> <p>This standard is not applicable to:</p> <ul style="list-style-type: none"> a) aspects related to maintenance and service of the battery swapping station (BSS); b) trolley buses, rail vehicles and vehicles designed primarily for use off-road; c) maintenance and service of LEVs. 	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA906.csp?\$NAMESPACE=UPC&redirPage=regulation&redRegId=906&redId=2&regId=906
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1 NOVEMBER 2024 – 30 DECEMBER 2024

No.	Title of DMS	Scope	Link
NSC 05 – GENERATION, TRANSMISSION AND DISTRIBUTION OF ENERGY			
1	DMS 1837:2024 Installation of grid-connected photovoltaic (PV) system	<p>This Malaysian Standard sets out the general installation requirements for grid-connected photovoltaic (PV) arrays with direct current (DC) open circuit voltages up to 1 500 V between positive and negative conductors or up to ± 1 500 V with respect to earth.</p> <ol style="list-style-type: none"> 1. This includes the following PV array configurations: <ol style="list-style-type: none"> a) single string of modules; b) multi-string PV array; and c) PV array divided into several sub-arrays. 2. DC systems and photovoltaic systems in particular, pose some hazards in addition to those derived from conventional alternate current (AC) power systems, including the ability to produce and sustain electrical arcs with currents that are not much greater than normal operating currents. This standard addresses the safety requirements arising from the particular characteristics of photovoltaic systems. Those characteristics are presented in Annex A. <p>The objective of this standard is to provide guidelines on grid-connected PV system installation and electrical safety requirements for:</p> <ol style="list-style-type: none"> a) uninformed persons, including owner(s)/occupier(s) and users of the premises where photovoltaic arrays are installed; b) informed persons, including PV service providers and workers (e.g. electricians) working on these systems; and c) emergency workers. 	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA901.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=901&redId=2&regId=901

2	DMS IEC 61724-1:2021 Photovoltaic System Performance – Part 1: Monitoring (IEC 61724-1:2021, IDT)	This part of IEC 61724 outlines terminology, equipment, and methods for performance monitoring and analysis of photovoltaic (PV) systems. It also serves as a basis for other standards which rely upon the data collected.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA903.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=903&redId=2&regId=903
3	DMS 2786:2024 Guidelines of testing and calibration for commissioning and maintenance of protective relays and devices at electrical installations	This Malaysian Standard applies the method of testing protection system for electrical installation with protection relays that include the followings: a) Current transformer; b) Voltage transformer; c) Multicore cables; d) Overcurrent and earth fault; e) Pilot wire protection f) Current differential; g) Distance relays; h) High impedance; i) Bias differential; j) Overfluxing; k) Thermal Overload; l) Frequency and Voltage; m) Unbalance relays; n) Power relays; o) Power sequence relays; p) Negative sequence relay; q) Breaker failure; r) Motor protection, and s) Tripping schemes	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA902.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=902&redId=2&regId=902

NSC 24 – OIL PALM AND ITS PRODUCTS

1	DMS 814 Palm oil - Specification (Third revision)	This Malaysian Standard prescribes requirements for crude and processed palm oil.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA899.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=899&redId=2&regId=899
2	DMS 816 Palm olein - Specification (Third revision)	<p>This Malaysian Standard specifies requirements for different products of palm olein i.e. the low-melting fraction obtained from a one-stage fractionation process of Malaysian palm oil through any of the following three processes:</p> <ul style="list-style-type: none">a) Dry fractionation through crystallisation of the oil by controlled cooling and subsequent filtration.b) Detergent fractionation through crystallisation of the oil by controlled cooling and separation of the fractions after addition of a surface active agent; after fractionation, the surface active agent is removed by washing.c) Solvent fractionation through controlled crystallisation of the oil in a solvent followed by separation of the fractions; after separation, the solvent is removed by distillation.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA900.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=900&redId=2&regId=900

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No.	Title of DMS	Scope	Link
NSC 12 – TRANSPORT			
1	DMS 1394 New pneumatic tyres for motor vehicles other than passenger cars, and tyres for motorcycles - Specification (Third revision)	This Malaysian Standard establishes performance and marking requirements applicable for new pneumatic tyres for on-road usage for motor vehicles other than passenger cars, and tyres for motorcycles.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA898.csp?\$NAMESPACE=UPC&redirPage=regulation&redRegId=898&redId=2&regId=898

15 OKTOBER 2024 – 14 DECEMBER 2024

No.	Title of DMS	Scope	Link
NSC 08 – PETROLEUM AND GAS			
1	DMS 564 Method of sampling liquefied petroleum gases (LPG) (Third revision)	This Malaysian Standard covers the procedures for obtaining representative samples of liquefied petroleum gas (LPG) such as propane, butane, or mixtures thereof, in containers other than those used in laboratory testing apparatus. NOTE. The use of this standard may involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health and environment	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA890.csp?\$NAMESPACE=UPC&redirPage=regulation&redRegId=890&redId=2&regId=890

		protection practices and determine the applicability of regulatory limitations prior to use.	
2	DMS 161 Cationic bitumen emulsions (CBE) for use in asphalt pavement application - Specification (Second revision)	This Malaysian Standard covers cationic bitumen emulsions for use in the construction and/or maintenance of pavements. NOTE. This standard may involve hazardous materials, operations and equipment. This standard does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA893.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=893&redId=2&regId=893
NSC 22 – TIMBER, TIMBER PRODUCTS AND TIMBER STRUCTURES			
1	DMS 1786-1 Terminology relating to wood-based panel products: Part 1: Plywood	This Malaysian Standard provides definitions and terminology applying to all types of plywood.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA891.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=891&redId=2&regId=891
2	DMS 1786-2 Terminology relating to wood-based panel products: Part 2: Fibreboard and particleboard	This Malaysian Standard provides definitions and terminology applying to all types of fibreboard and particleboard.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA892.csp?\${NAME}SPACE=UPC&redirPage=regulation&redRegId=892&redId=2&regId=892