PUBLIC COMMENT FOR UNDER DEVELOPMENT

15 JAN 2023 – 14 MAC 2023			
No.	**Title of DMS**	**Scope**	**Link for comment**
NSC 10 – Plastics and Plastics Products			
1.	20J001R5: Polyethylene (PE) piping systems for water supply and for drainage and sewerage under pressure - Part 1: General (Fifth Revision)	This Malaysian Standard specifies the general aspects of polyethylene (PE) piping systems (mains and service pipes) for buried or above ground applications, intended for the conveyance of water for human consumption, raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes. NOTE 1 For PE components intended for the conveyance of water intended for human consumption and raw water prior to treatment attention is drawn to Clause 5 of this European Standard. Components manufactured for water for other purposes, drainage and sewerage may not be suitable for water supply for human consumption.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA612.csp?$NAMESPACE=UPC&redirPage=regulation&redRegId=612&redId=2&regId=612
2.	20J002R5: Polyethylene (PE) piping systems for water supply and for drainage and sewerage under pressure - Part 2: Pipes (Fifth Revision)	This part of Malaysian Standards specifies the characteristics of pipes made from polyethylene (PE 100 and PE 80) for buried and above ground applications, intended for the conveyance of water for human consumption, raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes. NOTE. For PE components intended for the conveyance of water for human consumption and raw water prior to treatment attention is drawn to 5.3 of this Malaysian Standard. Components manufactured for water for general purposes, drainage and sewerage may not be suitable for water supply for human consumption.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA613.csp?$NAMESPACE=UPC&redirPage=regulation&redRegId=613&redId=2&regId=613
3.	19J005R1: Polyethylene (PE) piping systems for water supply and for drainage and sewerage under pressure - Part 3: Fittings	This Malaysian Standard specifies the characteristics of fittings made from polyethylene (PE) intended for the conveyance of water for human consumption, raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes. NOTE. For PE components intended for the conveyance of water intended for human consumption and raw water prior to treatment attention is drawn to Clause 5.6 of this Malaysian Standard. Components manufactured for water for other purposes, drainage and sewerage may not be suitable for water supply for human consumption.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA614.csp?$NAMESPACE=UPC&redirPage=regulation&redRegId=614&redId=2&regId=614
4.	21J102N: Polyethylene (PE) piping systems for water supply and for drainage and sewerage under pressure - Part 4: Valves	This part of Malaysian Standards specifies the characteristics of valve or valve bodies made from polyethylene (PE 100 and PE 80) for buried and above ground applications, intended for the conveyance of water for human consumption, raw water prior to	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA615.csp?$NAMESPACE=UPC&redirPage=r

		treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes. NOTES: 1. For valves or valve bodies intended for drainage and sewerage under pressure, additional specifications/tests may be necessary according to the requirements of the purchaser, especially for the chemical resistance of the components in contact with the fluids and functioning characteristics. 2. For PE components intended for the conveyance of water for human consumption and raw water prior to treatment attention is drawn to 5.4 of this Malaysian Standard. Components manufactured for water for other purposes may not be suitable for water supply for human consumption.	**egulation&redRegId=615&redId=2&regId=615**
5.	20J003R1: Polyethylene (PE) piping systems for water supply and for drainage and sewerage under pressure - Part 5: Fitness for purpose of the system (First Revision)	This Malaysian Standard specifies the characteristics of the fitness for purpose of pipes and/or fittings assemblies made from polyethylene (PE) for buried or above ground applications, intended for the conveyance of water for human consumption, raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes. NOTE: 1. For PE components intended for the conveyance of water for human consumption and raw water prior to treatment attention is drawn to 5.3 of this Malaysian Standard. Components manufactured for water for general purposes, drainage and sewerage may not be suitable for water supply for human consumption. 2. This document is intended to be only used by the product manufacturer to assess the performance of components according to MS 1058-2 and/or MS1058-3 when joined together under normal and extreme conditions. It is not intended for on-site testing of pipe systems.	**https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA616.csp?$NAMESPACE=UPC&redirPage=regulation&redRegId=616&redId=2&regId=616**
6.	20J004R1: Polyethylene (PE) piping systems for water supply and for drainage and sewerage under pressure - Part 7: Guidance for the assessment of conformity (First Revision)	This Malaysian Standard gives guidance for the assessment of conformity of compounds, products, joints and assemblies in accordance with the applicable part(s) of MS 1058 intended to be included in the manufacturer's quality plan as part of the quality management system and for the establishment of certification procedures. It is recommended that the quality management system conforms to or is no less stringent than the relevant requirements to EN ISO 9001.	**https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA617.csp?$NAMESPACE=UPC&redirPage=regulation&redRegId=617&redId=2&regId=617**

1 JAN 2023 – 28 FEBRUARI 2023			
No.	**Title of DMS**	**Scope**	**Link for comment**
NSC 05 - Generation, Transmission and Distribution of Energy			
1.	20E140N: DMS IEC 60502-2 Power Cables With Extruded Insulation and Their Accessories For Rated Voltages From 1 kV (Um = 1,2 kV) UP TO 30 kV (Um = 36 kV) – Part 2: Cables for rated voltages from 6 Kv (Um = 7,2 kV) up to 30 kV (Um = 36 kV) (IEC 60502-2:2014, IDT)	This part of IEC 60502 specifies the construction, dimensions and test requirements of power cables with extruded solid insulation from 6 kV up to 30 kV for fixed installations such as distribution networks or industrial installations. When determining applications, it is recommended that the possible risk of radial water ingress is considered. Cable designs with barriers claimed to prevent longitudinal water penetration and an associated test are included in this part of IEC 60502. Cables for special installation and service conditions are not included, for example cables for overhead networks, the mining industry, nuclear power plants (in and around the containment area) nor for submarine use or shipboard application.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA603.csp?$NAMESPACE=UPC&redirPage=regulation&redRegId=603&redId=2&regId=603
2.	20E049R1: DMS 1142 Specification For Hard-Drawn Copper And Copper-Cadmium Conductors For Overhead Transmission Purposes	This Malaysian Standard specifies requirements for solid and stranded circular conductors for overhead power transmission systems and overhead electric traction systems. It specifies the requirements for material composition, dimensions, mechanical properties, electrical resistance, stranding and other characteristics for hard-drawn high conductivity copper and copper alloy conductors.	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA604.csp?$NAMESPACE=UPC&redirPage=regulation&redRegId=604&redId=2&regId=604
3.	20E051R1: DMS 137 Specification For Pvc-Insulated Cables For Switchgear And Control Gear Wiring	This Malaysia Standard specifies construction and performance requirements, and gives methods of test, for single core, non-sheathed electric cables of rated voltage 600/1000 V that have PVC insulation. The types of cable specified in this standard are as follows: Type BK - for a maximum conductor temperature of 70 °C (see Table 1); Type CK - for a maximum conductor temperature of 90 °C (see Table 2). These cables are intended for use in the wiring of switch, control, metering, relay and instrument panels of power switchgear, and for such purposes as internal connections in rectifier equipment and its motor starters and controllers. They are intended for use at alternating voltages not exceeding 600 V to earth, and direct voltages not exceeding 1000 V to earth. When installed in the equipment they are suitable for wiring circuits for which the prescribed alternating test voltage does not exceed 4 kV r.m.s. for 1 min. A summary of the tests applicable to the cables is given in Annex A	https://upc.mpc.gov.my/csp/sys/bi/work/upc/shareThumbnail/STANDARDSMALAYSIA605.csp?$NAMESPACE=UPC&redirPage=regulation&redRegId=605&redId=2&regId=605

NSC 08 – Petroleum and Gas			
1.	16H017R3: Engine oils - Specification (Third revision)	This Malaysian Standard specifies requirement for engine oils. This standard is applicable to all gasoline and diesel engines, and also high speed industrial diesel engines.	https://upc.mpc.gov.my/csp/sys/bi/%25cspapp.bi.work.nc.custom.regulation.cls?regId=607&ext=1
15 DEC 2022 – 14 FEB 2023			
No.	**Title of DMS**	**Scope**	**Link for comment**
NSC 22 – Timber, Timber Products and Timber Structure			
1.	20V066R1: Wood-based panels – part 7: determination of dimensional changes associated with changes in relative humidity (ISO 16985:2003, MOD)	This Malaysian Standard specifies a method for the determination of dimensional changes in wood-based panels, due to variations in relative humidity. This standard shall be used in reference to fibreboard, particleboard and oriented strand board, but does not include plywood.	**https://upc.mpc.gov.my/csp/sys/bi/%25cspapp.bi.work.nc.custom.regulation.cls?regId=572**
2.	20V067R1: Wood-based panels – part 8: determination of moisture resistance under cyclic test Conditions (ISO16987:2003, MOD)	This Malaysian Standard specifies a method for determining the performance of wood-based panels under influence of moisture by cyclic test. This standard shall be used in reference to fibreboard, particleboard and oriented strand board, but does not include plywood.	**https://upc.mpc.gov.my/csp/sys/bi/%25cspapp.bi.work.nc.custom.regulation.cls?regId=573**
3.	20V070R1: Wood-based panels – part 11: determination of tensile strength perpendicular to the plane of the panel (ISO 16984:2003, MOD)	This Malaysian Standard specifies a method for determining the resistance to tension perpendicular to the plane of the panel, also known as internal bond, of fibreboard, particleboard and oriented strand board, but does not include plywood.	**https://upc.mpc.gov.my/csp/sys/bi/%25cspapp.bi.work.nc.custom.regulation.cls?regId=574**