

**DRAFT MALAYSIAN STANDARDS FOR
PUBLIC COMMENT
(01/10/2018 - 30/11/2018)**

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 30/11/2018

ISC E : Generation, Transmission and Distribution of Energy

17E002R1

Method of sampling insulating liquids (First revision) (IEC 60475:2011, MOD)

This Malaysian Standard is a modified adoption of IEC 60475:2011, *Method of sampling insulating liquids*.

This standard has been redrafted in order to provide a structure consistent with that of other Malaysian Standards. The modifications have been incorporated in this standard.

This standard is applicable to the procedure to be used for insulating liquids in delivery containers and in electrical equipment such as power and instrument transformers, reactors, bushings, oil-filled cables, oil-filled tank-type capacitors, switchgear and load tap changers (LTCs). This standard applies to liquids the viscosity of which at the sampling temperature is less than 1 500 mm²/s (or cSt). It applies to mineral oils and non-mineral oils (such as synthetic esters, natural esters, vegetable oils or silicones).

This standard cancels and replaces MS IEC 60475:2011.

17E003R1

Fluids for electrotechnical applications - Unused mineral insulating oils for transformers and switchgear (First revision)

This Malaysian Standard is applicable to specifications and test methods for unused mineral insulating oils (see Clause 3 for definitions). It applies to oil delivered to the agreed point and time of delivery, intended for use in transformers, switchgear and similar electrical equipment in which oil is required for insulation and heat transfer. These oils are obtained by refining, modifying and/or blending of petroleum products and other hydrocarbons. Oils with and without additives are both within the scope of this standard. This standard is applicable only to unused mineral insulating oils. Recycled oils are beyond the scope of this standard. This standard does not apply to mineral insulating oils used as impregnants in cables or capacitors.

This standard cancels and replaces MS 2322:2010.

ISC S : Electrical and Electronics Equipments and Accessories

16S009R0

Minimum energy performance standards (MEPS) for electric motor

This Malaysian Standard specifies minimum energy performance standards (MEPS) for electric motor used by the industry in Malaysia. The scope of this standard only covers the following specifications of electric motor:

- a) Alternating current (A.C.) 50 Hz, 2 pole, 4 pole and 6 pole, 3 phase squirrel cage induction motors.
 - b) Input power range between 0.75 to 375 kW.
 - c) Stand alone electric motor.
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