

**DRAFT MALAYSIAN STANDARDS FOR  
PUBLIC COMMENT  
( 01/09/2018 - 31/10/2018 )**

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 31/10/2018

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**ISC H : Petroleum and Gas**

**18H001R0 (RM 70.00)**

**Petroleum and natural gas industries - Specific requirements for offshore structures -  
Part 2: Seismic design procedures and criteria (ISO 19901-2:2017, MOD)**

This Malaysian Standard is a modified adoption of ISO 19901-2:2017, *Petroleum and natural gas industries - Specific requirements for offshore structures - Part 2: Seismic design procedures and criteria*.

This standard specifies requirements for defining the seismic design procedures and criteria for offshore structures. The requirements focus on fixed steel offshore structures and fixed concrete offshore structures. The effects of seismic events on floating structures and partially buoyant structures are briefly discussed. The site-specific assessment of jack-ups in elevated condition is only covered in this document to the extent that the requirements are applicable.

Only earthquake-induced ground motions are addressed in detail. Other geologically induced hazards such as liquefaction, slope instability, faults, tsunamis, mud volcanoes and shock waves are mentioned and briefly discussed.

The requirements are intended to reduce risks to persons, the environment, and assets to the lowest levels that are reasonably practicable. This intent is achieved by using:

- a) seismic design procedures which are dependent on the exposure level of the offshore structure and the expected intensity of seismic events;

- b) a two-level seismic design check in which the structure is designed to the ultimate limit state (ULS) for strength and stiffness and then checked to abnormal environmental events or the abnormal limit state (ALS) to ensure that it meets reserve strength and energy dissipation requirements.

Procedures and requirements for a site-specific probabilistic seismic hazard analysis (PSHA) are addressed for offshore structures in high seismic areas and/or with high exposure levels. However, a thorough explanation of PSHA procedures is not included.

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## **ISC K : Packaging and Logistics**

16K002R1

### **Packaging - Transport of dangerous goods - Part 2: Classification (First revision)**

This part of MS 1513 provides the introduction to the parts and sub-parts of:

*Class 1 - Explosives*

*Class 2 - Gases*

*Class 3 - Flammable liquids*

*Class 4 - Flammable solids; substances liable to spontaneous combustion; substances which, in contact with water, emit flammable gases*

*Class 5 - Oxidizing substances and organic peroxides*

*Class 6 - Toxic and infectious substances*

*Class 8 - Corrosive substances and Class 9 - Miscellaneous dangerous substances and articles.*

This standard cancels and replaces:

MS 1513: Part 2: Sub-Part 1:2002

MS 1513: Part 2: Sub-Part 2:2002

MS 1513: Part 2: Sub-Part 3:2001

MS 1513: Part 2: Sub-Part 4:2003

MS 1513: Part 2: Sub-Part 5:2001

MS 1513: Part 2: Sub-Part 6:2003

MS 1513: Part 2: Sub-Part 7:2003

MS 1513: Part 2: Sub-Part 8:2002

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16K003R2

### **Packaging - Transport of dangerous goods - Part 3: Dangerous goods list, special provisions and exceptions (Second revision)**

This Malaysian Standard provides the list and the provision of dangerous goods most commonly carried but is not exhaustive. It is intended that the list cover, as far as practicable, all dangerous substances of commercial importance.

This standard cancels and replaces MS 1513: Part 3:2007.

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