



JABATAN LAUT MALAYSIA
MARINE DEPARTMENT MALAYSIA

MSN 12/2010

Ibu Pejabat Laut Semenanjung Malaysia, Peti Surat 12, 42007 Pelabuhan Klang
Tel : 03-33467777, Fax : 03-31685289, E-mail : kpgr@marine.gov.my
Webpage : <http://www.marine.gov.my>

*Notis kepada pemilik kapal, agen perkapalan, Nakhoda, pelaut, pengusaha pelabuhan, badan klasifikasi yang diiktiraf, pengurus kapal dan industri maritim
Notice to shipowners, ship agents, Masters, seafarers, port operators, recognized organization, ship manager and the maritime industry*

**AMENDMENTS TO INTERNATIONAL CONVENTION ON SAFETY OF LIVE AT SEA - CARRIAGE OF
PACKAGED DANGEROUS GOODS**

1. The purpose of this Notice is to informed shipping communities the adoption of the amendments of CHAPTER II-2 by Maritime Safety Committee during its 85th session on 4th December 2008 ([RESOLUTION MSC.269\(85\)](#))
2. The amendments to above chapter of SOLAS 74 amended are attached as appendix 1
3. Shipping Communities are advice to take note the date of entry into force and comply fully to the requirements of the above amendments when carrying Dangerous goods.

Ketua Pengarah Laut/*Director General of Marine*

Tarikh/Date : 1st January 2010

CHAPTER II-2
CONSTRUCTION . FIRE PROTECTION, FIRE DETECTION AND FIRE
EXTINCTION

Part A
General

Regulation 1 . Application

1 The following new paragraph 2.4 is added after the existing paragraph 2.3:

.2.4 The following ships, with cargo spaces intended for the carriage of packaged dangerous goods, shall comply with regulation 19.3, except when carrying dangerous goods specified as classes 6.2 and 7 and dangerous goods in limited quantities* and excepted quantities** in accordance with tables 19.1 and 19.3, not later than the date of the first renewal survey on or after the 1 January 2011:

- .1 cargo ships of 500 gross tonnage and upwards and passenger ships constructed on or after 1 September 1984 but before 1 January 2011; and
- .2 cargo ships of less than 500 gross tonnage constructed on or after 1 February 1992 but before 1 January 2011,

and notwithstanding these provisions:

- .3 cargo ships of 500 gross tonnage and upwards and passenger ships constructed on or after 1 September 1984 but before 1 July 1986 need not comply with regulation 19.3.3 provided that they comply with regulation 54.2.3 as adopted by [resolution MSC.1\(XLV\)](#);
- .4 cargo ships of 500 gross tonnage and upwards and passenger ships constructed on or after 1 July 1986 but before 1 February 1992 need not comply with regulation 19.3.3 provided that they comply with regulation 54.2.3 as adopted by [resolution MSC.6\(48\)](#);
- .5 cargo ships of 500 gross tonnage and upwards and passenger ships constructed on or after 1 September 1984 but before 1 July 1998 need not comply with regulations 19.3.10.1 and 19.3.10.2; and
- .6 cargo ships of less than 500 gross tonnage constructed on or after 1 February 1992 but before 1 July 1998 need not comply with regulations 19.3.10.1 and 19.3.10.2..

* Refer to chapter 3.4 of the IMDG Code.

** Refer to chapter 3.5 of the IMDG Code.

Part E
Operational requirements

Regulation 16 . Operations

- 2 In paragraph 2.1, the reference to .the Code of Safe Practice for Solid Bulk Cargoes. is replaced by the reference to .the International Maritime Solid Bulk Cargoes (IMSBC) Code..

Part G
Special requirements

Regulation 19 . Carriage of dangerous goods

- 3 The existing note 1 to table 19.1 is replaced by the following:
- .1 For classes 4 and 5.1 solids not applicable to closed freight containers. For classes 2, 3, 6.1 and 8 when carried in closed freight containers, the ventilation rate may be reduced to not less than two air changes per hour. For classes 4 and 5.1 liquids when carried in closed freight containers, the ventilation rate may be reduced to not less than two air changes per hour. For the purpose of this requirement, a portable tank is a closed freight container..
- 4 In note 10 to table 19.2, the words .the Code of Safe Practice for Solid Bulk Cargoes, adopted by resolution A.434(XI). are replaced by the words .the International Maritime Solid Bulk Cargoes (IMSBC) Code..
- 5 The existing table 19.3 is replaced by the following table:

Table 19.3 – Application of the requirements to different classes of dangerous goods except solid dangerous goods in bulk

Class	Regulation 19																						
	1.1 to 1.6	1.4S	2.1	2.2	2.3 flammable ²⁰	2.3 non-flammable	3 FP ¹⁵ < 23°C	3 FP ¹⁵ ≥ 23°C to ≤ 60°C	4.1	4.2	4.3 liquids ²¹	4.3 solids	5.1	5.2 ¹⁶	6.1 liquids FP ¹⁵ < 23°C	6.1 liquids FP ¹⁵ ≥ 23°C to ≤ 60°C	6.1 liquids	6.1 solids	8 liquids FP ¹⁵ < 23°C	8 liquids FP ¹⁵ ≥ 23°C to ≤ 60°C	8 liquids	8 solids	9
3.1.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3.1.2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3.1.3	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.4	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2	X	-	X	-	X	-	X	-	-	-	X ¹⁸	-	-	-	X	-	-	-	X	-	-	-	X ¹⁷
3.3	X	X	X	X	-	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	-
3.4.1	-	-	X	-	-	X	X	-	X ¹¹	X ¹¹	X	X	X ¹¹	-	X	X	-	X ¹¹	X	X	-	-	X ¹¹
3.4.2	-	-	X	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	X ¹⁷
3.5	-	-	-	-	-	-	X	-	-	-	-	-	-	-	X	X	X	-	X	X ¹⁹	X ¹⁹	-	-
3.6	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X ¹⁴
3.7	-	-	-	-	-	-	X	X	X	X	X	X	X	-	X	X	-	-	X	X	-	-	-
3.8	X ¹²	-	X	X	X	X	X	X	X	X	X	X	X ¹³	X	X	X	-	-	X	X	-	-	-
3.9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3.10.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3.10.2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

- ¹¹ When mechanically-ventilated spaces are required by the IMDG Code.
- ¹² Stow 3 m horizontally away from the machinery space boundaries in all cases.
- ¹³ Refer to the IMDG Code.
- ¹⁴ As appropriate for the goods to be carried.
- ¹⁵ FP means flashpoint.
- ¹⁶ Under the provisions of the IMDG Code, stowage of class 5.2 dangerous goods under deck or in enclosed ro-ro spaces is prohibited.
- ¹⁷ Only applicable to dangerous goods evolving flammable vapour listed in the IMDG Code.

¹⁸ Only applicable to dangerous goods having a flashpoint less than 23°C listed in the IMDG Code.

¹⁹ Only applicable to dangerous goods having a subsidiary risk class 6.1.

²⁰ Under the provisions of the IMDG Code, stowage of class 2.3 having subsidiary risk class 2.1 under deck or in enclosed ro-ro spaces is prohibited.

²¹ Under the provisions of the IMDG Code, stowage of class 4.3 liquids having a flashpoint less than 23°C under deck or in enclosed ro-ro spaces is prohibited..

6 In paragraph 2.1, after the words .except when carrying dangerous goods in limited quantities., the following words are added:

“and excepted quantities*..

* Refer to chapter 3.5 of the IMDG Code.

7 In paragraph 3.4, the existing title is replaced as follows:

.3.4 Ventilation arrangement..

8 The following text is added at the end of the first sentence of paragraph 3.6.1: .and shall be selected taking into account the hazards associated with the chemicals being transported and the standards developed by the organization according to the class and physical state*..

* For solid bulk cargoes, the protective clothing should satisfy the equipment provisions specified in the respective schedules of the IMSBC Code for the individual substances. For packaged goods, the protective clothing should satisfy the equipment provisions specified in emergency procedures (EmS) of the Supplement to the IMDG Code for the individual substances. 9 At the end of paragraph 4, the words .and excepted quantities. are added.