

LEMBAGA PELABUHAN KELANG

NOTIS : 05/2011

NOTIS KEPADA EJEN PERKAPALAN, EJEN PENGHANTARAN, EJEN *FREIGHT FORWARDERS*, PERSATUAN-PERSATUAN, OPERATOR-OPERATOR TERMINAL DAN PENGGUNA-PENGGUNA PELABUHAN.

PENGENDALIAN UN NO. 3166 DAN UN NO. 3171 DI PELABUHAN KELANG

1. Berkuatkuasa 1 Jun 2011, LPK telah menerima pakai semua pindaan 35-10 IMDG Code.
2. Di dalam pindaan 35-10 IMDG Code, terdapat dua (2) UN No. yang sebelum ini tidak tertakluk kepada peraturan di dalam IMDG Code, tetapi kini dikelaskan sebagai dagangan berbahaya iaitu UN No. 3166 dan UN No. 3171. UN No. 3166 tertakluk kepada *Special Provision* (SP) SP312, SP356, SP961 dan SP962 manakala UN No. 3171 tertakluk kepada SP240, SP961 dan SP962 (rujuk lampiran).
3. Pengisytiharan dagangan berbahaya perlu dibuat oleh pihak ejen perkapalan (import, transshipment dan transit) dan ejen penghantaran (eksport).
4. *Placard, marking* dan *labelling* tidak terpakai.
5. Caj pengendalian dan penyimpanan di dalam premis pelabuhan adalah TIDAK terpakai bagi caj dagangan berbahaya berkuatkuasa 1 Januari 2012.
6. Sekiranya kenderaan/ peralatan memenuhi keperluan SP961, pihak pengimport/ pengilang perlu menyediakan *Letter of Indemnity* (LOI) yang dikemukakan kepada pihak LPK sebelum aktiviti pemunggahan (import) atau muatan (eksport).
7. Sekiranya perlu, kontena akan dibuka bagi tujuan pemeriksaan oleh pihak LPK.
8. Sebarang pertanyaan berhubung notis ini hendaklah ditujukan kepada Pengurus Dagangan Berbahaya LPK di talian 03-31688211 sambungan 1024 atau e-mel, ahmadrizal@pka.gov.my.

**KAPT. DAVID PADMAN
PEMANGKU PENGURUS BESAR
LEMBAGA PELABUHAN KELANG**

1 Januari 2012

Lampiran

UN No. 3166 - (ENGINE, INTERNAL COMBUSTION or VEHICLE, FLAMMABLE GAS POWERED or VEHICLE, FLAMMABLE LIQUID POWERED or ENGINE, FUEL CELL, FLAMMABLE GAS POWERED or ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED or VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED).

Special Provision 312:

Vehicles or machinery powered by a fuel cell engine shall be consigned under the entries UN 3166, VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED, or UN 3166, VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED, or UN 3166, ENGINE, FUEL CELL, FLAMMABLE GAS POWERED, or UN 3166, ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED, as appropriate. These entries include hybrid electric vehicles powered by both a fuel cell and an internal combustion engine and wet batteries, sodium batteries or lithium batteries, transported with the battery(ies) installed.

Other vehicles which contain an internal combustion engine shall be consigned under the entries UN 3166, VEHICLE, FLAMMABLE GAS POWERED, or UN 3166, VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate. These entries include hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries or lithium batteries, transported with the batteries installed.

Special Provision 356:

Metal hydride storage system(s) installed in conveyances or in completed conveyance components or intended to be installed in conveyances shall be approved by the competent authority before acceptance for transport. The transport document shall include an indication that the package was approved by the competent authority or a copy of the competent authority approval shall accompany each consignment.

Special Provision 961:

Vehicles and equipment are not subject to the provisions of this Code if they are stowed on a roll-on/roll-off ship or in another cargo space designated by the Administration (flag State) as specifically designed and approved for the carriage of vehicles and equipment and there are no signs of leakage from the battery, engine, fuel cell, compressed gas cylinder or accumulator, or fuel tank when applicable.

In addition, vehicles and equipment are not subject to the provisions of this Code if any of the following conditions are met:

- 1) The fuel tank(s) of the vehicle or equipment powered by a flammable liquid fuel is empty and installed batteries are protected from short circuit;
- 2) The fuel tank(s) of the vehicle or equipment powered by a flammable gas is emptied of liquefied or compressed gas, the positive pressure in the tank does not exceed 2 bar, the fuel shutoff or isolation valve is and secured, and installed batteries are protected from short circuit; or
- 3) The vehicle or equipment is solely powered by a wet or dry electric storage battery or a sodium battery, and the battery is protected from short circuit.

Special Provision 962:

Vehicles or equipment powered by internal combustion engines, fuel cells or batteries not meeting the conditions of special provision 961 shall be assigned to class 9 and shall meet the following requirements:

- 1) Vehicles and equipment shall not show signs of leakage from batteries, engines, fuel cells, compressed gas cylinders or accumulators, or fuel tank(s) when applicable;
- 2) For flammable liquid powered vehicles and equipment, the fuel tank(s) containing the flammable liquid shall not be more than one-fourth full and in any case the flammable liquid shall not exceed 250l;
- 3) For flammable gas powered vehicles and equipment, the fuel shut-off valve of the fuel tank(s) shall be securely closed;
- 4) Installed batteries shall be protected from damage, short circuit and accidental activation during transport. Lithium ion or lithium metal batteries shall meet the requirements of the United Nations Manual of Tests and Criteria, Part III, subsection 38.3, unless otherwise approved by the competent authority; and
- 5) Dangerous goods required for the operation of the vehicle or equipment such as fire extinguishers, compressed gas accumulators, airbag inflators, etc, shall be securely mounted in the vehicle or equipment.

The marking, labelling and placarding provisions of this Code shall not apply.

UN No. 3171- (BATTERY-POWERED VEHICLE or BATTERY-POWERED EQUIPMENT)

Special Provision 240:

This entry only applies to vehicles and equipment powered by wet batteries, sodium batteries or lithium batteries and transported with these batteries installed. Examples of such vehicles and equipment are electrically powered cars, lawnmowers, wheelchairs and other mobility aids. Hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries or lithium batteries, transported with the batteries installed, shall be consigned under the entries UN 3166 VEHICLE, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate. Vehicles which contain a fuel cell shall be consigned under the entries UN 3166 VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED, as appropriate.

Special Provision 961:

Vehicles and equipment are not subject to the provisions of this Code if they are stowed on a roll-on/roll-off ship or in another cargo space designated by the Administration (flag State) as specifically designed and approved for the carriage of vehicles and equipment and there are no signs of leakage from the battery, engine, fuel cell, compressed gas cylinder or accumulator, or fuel tank when applicable.

In addition, vehicles and equipment are not subject to the provisions of this Code if any of the following conditions are met:

- 1) The fuel tank(s) of the vehicle or equipment powered by a flammable liquid fuel is empty and installed batteries are protected from short circuit;*
- 2) The fuel tank(s) of the vehicle or equipment powered by a flammable gas is emptied of liquefied or compressed gas, the positive pressure in the tank does not exceed 2 bar, the fuel shutoff or isolation valve is and secured, and installed batteries are protected from short circuit; or*
- 3) The vehicle or equipment is solely powered by a wet or dry electric storage battery or a sodium battery, and the battery is protected from short circuit.*

Special Provision 962:

Vehicles or equipment powered by internal combustion engines, fuel cells or batteries not meeting the conditions of special provision 961 shall be assigned to class 9 and shall meet the following requirements:

- 1) Vehicles and equipment shall not show signs of leakage from batteries, engines, fuel cells, compressed gas cylinders or accumulators, or fuel tank(s) when applicable;*
- 2) For flammable liquid powered vehicles and equipment, the fuel tank(s) containing the flammable liquid shall not be more than one-fourth full and in any case the flammable liquid shall not exceed 250l;*
- 3) For flammable gas powered vehicles and equipment, the fuel shut-off valve of the fuel tank(s) shall be securely closed;*
- 4) Installed batteries shall be protected from damage, short circuit and accidental activation during transport. Lithium ion or lithium metal batteries shall meet the requirements of the United Nations Manual of Tests and Criteria, Part III, subsection 38.3, unless otherwise approved by the competent authority; and*
- 5) Dangerous goods required for the operation of the vehicle or equipment such as fire extinguishers, compressed gas accumulators, airbag inflators, etc, shall be securely mounted in the vehicle or equipment.*

The marking, labelling and placarding provisions of this Code shall not apply.



PORT KLANG AUTHORITY

NOTICE : 05/2011

NOTICE TO SHIPPING AGENTS, FORWARDING AGENTS, FREIGHT FORWARDERS,
ASSOCIATIONS, TERMINAL OPERATORS, AND PORT USERS

HANDLING OF UN NO. 3166 AND UN NO. 3171 AT PORT KLANG

1. Effective 1 June 2011, PKA has adopted amendment 35-10 of the IMDG Code.
2. In the amendment 35-10, UN No. 3166 and UN NO. 3171 which were previously not regulated under the IMDG Code are now classified as dangerous goods. UN No.3166 is subjected to Special Provision (SP) SP312, SP356, SP961 and SP962, while UN No. 3171 is subjected to SP240, SP961 and SP962 (see attachment).
3. Declaration of dangerous goods must be made by the shipping agent (import, transshipment and transit) and forwarding agent (export).
4. Placarding, marking and labeling provisions do not apply.
5. Dangerous Goods handling and storage charges are NOT applicable to these cargoes at terminal premises effective 1 January 2012.
6. If the vehicle / equipment meets the requirements of SP961, the importer/ manufacturer is required to provide a Letter of Indemnity (LOI) which must be submitted to PKA before discharging (import) or loading (export) activities.
7. If necessary, the container will be opened for inspection by PKA.
8. Any inquiry regarding this notice should be directed to Dangerous Goods Manager, PKA at 03-31688211 extension 1024 or e-mail, ahmadrizal@pka.gov.my

**CAPT. DAVID PADMAN
ACTING GENERAL MANAGER
PORT KLANG AUTHORITY**

1 January 2012

Attachment

UN No. 3166 - (ENGINE, INTERNAL COMBUSTION or VEHICLE, FLAMMABLE GAS POWERED or VEHICLE, FLAMMABLE LIQUID POWERED or ENGINE, FUEL CELL, FLAMMABLE GAS POWERED or ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED or VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED).

Special Provision 312:

Vehicles or machinery powered by a fuel cell engine shall be consigned under the entries UN 3166, VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED, or UN 3166, VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED, or UN 3166, ENGINE, FUEL CELL, FLAMMABLE GAS POWERED, or UN 3166, ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED, as appropriate. These entries include hybrid electric vehicles powered by both a fuel cell and an internal combustion engine and wet batteries, sodium batteries or lithium batteries, transported with the battery(ies) installed.

Other vehicles which contain an internal combustion engine shall be consigned under the entries UN 3166, VEHICLE, FLAMMABLE GAS POWERED, or UN 3166, VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate. These entries include hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries or lithium batteries, transported with the batteries installed.

Special Provision 356:

Metal hydride storage system(s) installed in conveyances or in completed conveyance components or intended to be installed in conveyances shall be approved by the competent authority before acceptance for transport. The transport document shall include an indication that the package was approved by the competent authority or a copy of the competent authority approval shall accompany each consignment.

Special Provision 961:

Vehicles and equipment are not subject to the provisions of this Code if they are stowed on a roll-on/roll-off ship or in another cargo space designated by the Administration (flag State) as specifically designed and approved for the carriage of vehicles and equipment and there are no signs of leakage from the battery, engine, fuel cell, compressed gas cylinder or accumulator, or fuel tank when applicable.

In addition, vehicles and equipment are not subject to the provisions of this Code if any of the following conditions are met:

- 1) The fuel tank(s) of the vehicle or equipment powered by a flammable liquid fuel is empty and installed batteries are protected from short circuit;
- 2) The fuel tank(s) of the vehicle or equipment powered by a flammable gas is emptied of liquefied or compressed gas, the positive pressure in the tank does not exceed 2 bar, the fuel shutoff or isolation valve is and secured, and installed batteries are protected from short circuit; or
- 3) The vehicle or equipment is solely powered by a wet or dry electric storage battery or a sodium battery, and the battery is protected from short circuit.

Special Provision 962:

Vehicles or equipment powered by internal combustion engines, fuel cells or batteries not meeting the conditions of special provision 961 shall be assigned to class 9 and shall meet the following requirements:

- 1) Vehicles and equipment shall not show signs of leakage from batteries, engines, fuel cells, compressed gas cylinders or accumulators, or fuel tank(s) when applicable;
- 2) For flammable liquid powered vehicles and equipment, the fuel tank(s) containing the flammable liquid shall not be more than one-fourth full and in any case the flammable liquid shall not exceed 250l;
- 3) For flammable gas powered vehicles and equipment, the fuel shut-off valve of the fuel tank(s) shall be securely closed;
- 4) Installed batteries shall be protected from damage, short circuit and accidental activation during transport. Lithium ion or lithium metal batteries shall meet the requirements of the United Nations Manual of Tests and Criteria, Part III, subsection 38.3, unless otherwise approved by the competent authority; and
- 5) Dangerous goods required for the operation of the vehicle or equipment such as fire extinguishers, compressed gas accumulators, airbag inflators, etc, shall be securely mounted in the vehicle or equipment.

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