

GUIDELINE FOR EXPORT DANGEROUS GOODS CONTAINER

A. RESPONSIBILITIES OF FORWARDING AGENT/SHIPPER/MANUFACTURER

1. All export dangerous goods shall be declared to the Authority 48 hours before entering the port premise.
2. To pack the dangerous goods into the container as per the advice of the competent person.
3. To submit a copy of the Container Packing Certificate (CPC) to the Authority / PSA / master of the vessel and terminal operator prior entering the port premise.
4. To ensure that CPC is signed by the competent person who is recognized by the Authority.
5. To prepare Material Safety Data Sheet (MSDS) as per Occupational Safety and Health Act 1994 for every product.

B. RESPONSIBILITIES OF MASTER / PRINCIPAL SHIPPING AGENT (PSA)

1. To request for CPC and MSDS from the forwarding agent / shipper prior to loading.
2. To ensure that CPC is signed by the competent person who is recognized by the Authority.
3. To ensure that export Dangerous Goods containers are declared to the Authority and a copy of the declaration submitted to the master of the vessel / PSA.

C. RESPONSIBILITIES OF TERMINAL OPERATOR

1. To ensure that every declaration is accompanied with a CPC.
2. To ensure that the CPC is signed by the competent person who is recognized by the Authority.
3. To ensure that placards are affixed on the container as per the Dangerous Goods Declaration Form and the CPC.
4. To notify the Authority immediately if there is any non-compliance detected.

D. RESPONSIBILITIES OF COMPETENT PERSON

1. To obtain MSDS and from the shipper prior to packing of the Dangerous Goods into a container.
2. To ensure that the container is packed and secured properly as per International Maritime Dangerous Goods (IMDG) Code and IMO/ILO/UN ECE Guidelines for Packing of Cargo Transport Units (CTUs).
3. To witness the process of stuffing the dangerous goods into the container.
4. To adhere with all safety requirement during the stuffing process.

GUIDELINE FOR DELIVERY OF IMPORTS FCLS/LCLS DANGEROUS GOODS OF PKA GROUP 2

1. All PKA Group 2 Dangerous Goods must be taken direct delivery ex-ship failing which the Authority **MAY IMPOSE IMMEDIATELY 2 FIREMEN ON STANDBY**.
2. All import Dangerous Goods must be declared by the master/ owner or agent / box operator/ consignee before vessel arrival.
3. A consignee / forwarding agent / freight forwarder upon receiving the PKA Group 2 Dangerous Goods declaration is allowed to request for temporary storage prior deployment of the firemen service.
4. Below are the list of the **PKA Group 2** Dangerous Goods which require additional safety measures, e.g. Firemen/ fire engine on standby.

| NO. | IMO CLASS | PG | Instruction | |
|------|---|--|---|--|
| i. | IMO Class 1.4S (Explosive) | - | Must obtain permit from Police. Must be cleared within 24 hours, failing which 2 firemen on standby. | |
| ii. | IMO Class 2 (Gases) | 2.3 (Toxic Gas) | - | Must be cleared within 24 hours, failing which 2 firemen on standby. |
| | | 2.2 (Non-flammable, non-toxic Gas) | - | Must be cleared within 72 hours, failing which 2 firemen on standby. |
| | | 2.1 (Flammable Gas) | - | Must be cleared within 72 hours, failing which 2 firemen on standby. |
| | | 2 (Gas) | - | Must be cleared within 72 hours, failing which 2 firemen on standby. |
| iii. | IMO Class 3 (Flammable Liquid) | I | Must be cleared within 24 hours, failing which 2 firemen on standby. | |
| | | II & III | Must be cleared within 72 hours, failing which 2 firemen on standby. | |
| iv. | IMO Class 4.1 (Flammable Solid) | Self-reactive | | Direct Delivery Ex-Ship , failing which 2 firemen on standby. |
| | | Solid desensitized | | Direct Delivery Ex-Ship , failing which 2 firemen on standby. |
| | | I | | Must be cleared within 24 hours, failing which 2 firemen on standby. |
| | | | II & III | Must be cleared within 72 hours, failing which 2 firemen on standby. |
| v. | IMO Class 4.2 (Spontaneously Combustible) | Self-heating | | Direct Delivery Ex-Ship , failing which 2 firemen on standby. |
| | | I | | Must be cleared within 24 hours, failing which 2 firemen on standby. |
| | | | II & III | Must be cleared within 72 hours, failing which 2 firemen on standby. |
| | | | | Must be cleared within 24 hours, failing which 2 firemen on standby. |
| vi. | IMO Class 4.3 (Dangerous when wet) | I | Must be cleared within 24 hours, failing which 2 firemen on standby. | |
| | | II & III | Must be cleared within 72 hours, failing which 2 firemen on standby. | |
| vii. | IMO Class 5.1 (Oxidizing Substances) | I | Must be cleared within 24 hours, failing which 2 firemen on standby. | |
| | | II & III | Must be cleared within 72 hours, failing which 2 firemen on standby. | |

| | | | |
|-------|--|----------|--|
| viii. | IMO Class 5.2 (Organic Peroxide) | - | Direct Delivery Ex-Ship , failing which 2 firemen on standby. |
| ix. | IMO Class 6.1 (Toxic Substances) | I | Must be cleared within 24 hours, failing which 2 firemen on standby. |
| | | II & III | Must be cleared within 72 hours, failing which 2 firemen on standby. |
| x. | IMO Class 6.2 (Infectious Substances) | - | Must obtain permit from the Ministry of Health (MOH) except for clinical waste. Direct Delivery Ex-Ship. |
| xi. | IMO Class 7 (Radioactive) | - | Must obtain permit from the Atomic Energy Licensing Board (AELB). Direct Delivery Ex-Ship. |
| xii. | IMO Class 8 (Corrosive) | I | Must be cleared within 24 hours, failing which 2 firemen on standby. |
| | | II & III | Must be cleared within 72 hours, failing which 2 firemen on standby. |
| xiii. | IMO Class 9 (Miscellaneous Dangerous Goods Substances) | II & III | Must be cleared within 72 hours, failing which 2 firemen on standby. |
| xiv. | Substances which are “protected from the sources of heat” | | Must be cleared within 72 hours, failing which 2 firemen on standby. |
| xv. | Substances which are “keep as cool as reasonably practicable / shaded from direct sunlight” | | Must be cleared within 24 hours, failing which 2 firemen on standby. |

Note:

- For packing purposes, substances of all classes, other than classes 1, 2, 5.2, 6.2 and 7 and the self-reactive substances of class 4.1, are assigned to three packing groups (PG) in accordance with the degree of danger presented by the substance. The packing groups have the following meanings:
 - PG I : Substances presenting High Danger
 - PG II : Substances presenting Medium Danger
 - PG III : Substances presenting Low Danger.
- Temporary storage of Dangerous Goods in the shed is subject to space availability. If no space is available in the shed, the Dangerous Goods will be on ex-box basis.
- All wastes under Class 1 until Class 9 except Class 7 need to obtain the Dept. of Environment's (DOE) permit.

Updated : 1 March 2014

GUIDELINE FOR DELIVERY OF EXPORTS FCLS/LCLS DANGEROUS GOODS OF PKA GROUP 2

- All PKA Group 2 Dangerous Goods must be direct loading.
- All export Dangerous Goods must be declared by the shipper/ forwarding agent/ freight forwarder before entering the port.
- Below is the list of the **PKA Group 2** Dangerous Goods instructions, if approved for temporary storage.

| No. | IMO Class | PG | Instruction |
|-------|--|--|---|
| i. | IMO Class 1.4S (Explosive) | - | Must obtain permit from the Police. Direct Loading. |
| ii. | IMO Class 2 (Gases) | 2.3 (Toxic Gas) | Direct Loading. |
| | | 2.2 (Non flammable, non-toxic Gas) | Allowed to bring in 24 hours before loading. |
| | | 2.1 (Flammable Gas) | Allowed to bring in 24 hours before loading. |
| iii. | IMO Class 3 (Flammable Liquid) | I | Direct Loading. |
| | | II & III | Allowed to bring in 24 hours before loading. |
| iv. | IMO Class 4.1 (Flammable Solid) | Self-reactive | Direct Loading. |
| | | Solid desensitized | Direct Loading. |
| | | I | Direct Loading. |
| | | II & III | Allowed to bring in 24 hours before loading. |
| v. | IMO Class 4.2 (Spontaneously Combustible) | Self-heating | Direct Loading. |
| | | I | Direct Loading. |
| | | II & III | Allowed to bring in 24 hours before loading. |
| vi. | IMO Class 4.3 (Dangerous when wet) | I | Direct Loading. |
| vii. | IMO Class 5.1 (Oxidizing Substances) | II & III | Allowed to bring in 24 hours before loading. |
| | | I | Direct Loading. |
| viii. | IMO Class 5.2 (Organic Peroxide) | - | Direct Loading. |
| ix. | IMO Class 6.1 (Toxic Substances) | I | Direct Loading. |
| | | II & III | Allowed to bring in 24 hours before loading. |
| x. | IMO Class 6.2 (Infectious Substances) | - | Must obtain permit from the Ministry of Health (MOH) except for clinical waste. Direct Loading |
| xi. | IMO Class 7 (Radioactive) | - | Must obtain permit from the Atomic Energy Licensing Board (AELB). Direct Loading |
| xii. | IMO Class 8 (Corrosive) | I | Direct Loading. |
| | | II & III | Allowed to bring in 24 hours before loading. |
| xiii. | IMO Class 9 (Miscellaneous Dangerous Goods Substances) | II & III | Allowed to bring in 24 hours before loading. |
| xiv. | Substances which are “ protected from sources of heat ” | - | Allowed to bring in 24 hours before loading. |
| xv. | Substances which are “ keep as cool as reasonably practicable / shaded from direct sunlight ” | | Direct Loading. |

Note:

1. For packing purposes, substances of all classes, other than classes 1, 2, 5.2, 6.2 and 7 and the self-reactive substances of class 4.1, are assigned to three packing groups (PG) in accordance with the degree of danger presented by the substance. The packing groups have the following meanings:

PG I : Substances presenting High Danger
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PG III : Substances presenting Low Danger.
2. Temporary storage of Dangerous Goods in the shed is subject to space availability. If no space is available in the shed, the Dangerous Goods will be on ex-box basis.
3. All wastes under Class 1 until Class 9 except Class 7 need to obtain the Dept. of Environment's (DOE) permit.

Updated : 1 March 2014

GUIDELINE FOR HANDLING DAMAGE DANGEROUS GOODS IN CONTAINER

A. RESPONSIBILITIES OF TERMINAL OPERATOR.

1. Upon discovery of damaged dangerous goods, the terminal personnel is to take the following appropriate steps namely:
 - i. To notify the Authority immediately with the relevant information via telephone/ e-mail.
 - ii. To place fire engine on standby immediately.
 - iii. To isolate the cargo.
 - iv. To barricade the area
 - v. To prevent unauthorized personnel entering the area.

B. RESPONSIBILITIES OF SHIPPING AGENT / BOX OPERATOR / FORWARDING AGENT.

1. In the case of import
 - i. The shipping agent / box operator is to contact the consignee to obtain advice to handle the damaged dangerous goods. The safety officer of the company / appointed surveyor is required to be at the site to provide the advice.
 - ii. To obtain MSDS from shipper/ agent.
2. In the case of export
 - i. The forwarding agent is to contact the shipper to obtain advice to handle the damaged dangerous goods. The safety officer of the company / appointed surveyor is required to be at the site to provide the advice.
 - ii. To obtain MSDS from shipper/ agent.
3. In the case of transshipment / transit
 - i. The shipping agent/ box operator is to notify the principal/ shipper immediately to obtain technical advice to deal with the damaged dangerous goods. The appointed surveyor is required to be at the site to provide the advice.
 - ii. To obtain MSDS from shipper/ agent.
4. To appoint below contractor only to handle the damage dangerous goods;

| No. | Company Name | Contact Person | Tel. No. | H/p No. |
|------|-----------------------------------|----------------|-------------|-------------|
| i. | Kualiti Alam Sdn. Bhd | Charles Marsh | 03-79664000 | 019-3854292 |
| ii. | A. R Autokami Factory Sdn. Bhd | Jefry b. Alias | 03-33246709 | 016-6260421 |
| iii. | Dynamic Environ Sdn. Bhd | Vicky Krishnan | 03-31650985 | 016-2225077 |
| iv. | AMD Marine Services (M) Sdn. Bhd. | Mohana Das | 03-33188054 | 016-2099005 |

5. To inform Free Zone Department, PKA if involves transloading activity.
6. To obtain the Container Packing Certificate (CPC) from the competent person and submit to the Authority upon completion of stuffing.

C. RESPONSIBILITIES OF APPOINTED CONTRACTOR.

1. To submit a report to the Authority within 7 working day after completion of work.
2. To ensure that the area of work is clean and safe for usage after completion of work.

GUIDELINE FOR TRANSSHIPMENT OF DANGEROUS GOODS IN PACKAGE FORM VIA PORT KLANG.

1. List of Dangerous Goods which are **not approved** for transshipment

- i. IMO Class 1 - Explosives
- ii. IMO Class 2.3 - Toxic Gases
- iii. IMO Class 3 - Flammable Liquids (PG I)
- iv. IMO Class 4.1 - With Subsidiary Risk Labels of IMO Class 1
- v. IMO Class 4.1 - PG I
- vi. IMO Class 4.1 - Self Reactive Substances
- vii. IMO Class 4.2 - Spontaneously Combustible (PG I)
- viii. IMO Class 4.2 - Self Heating Substances
- ix. IMO Class 4.3 - Dangerous When Wet (PG I)
- x. IMO Class 5.1 - Oxidizing Agent (PG I)
- xi. IMO Class 5.2 - Organic Peroxide
- xii. IMO Class 6.1 - Toxic Substances (PG I)
- xiii. IMO Class 6.2 - Infectious Substances
- xiv. IMO Class 7 - Radioactive Substances
- xv. IMO Class 8 - Corrosive (PG I)

2. On a case to case basis with the exception of IMO Class 1, IMO Class 5.2, and IMO Class 7, Dangerous Goods listed in item 1 may be approved for transshipment subject to safety imposed by the Authority.

3. To facilitate the transshipment of Dangerous Goods and to ensure the safety, it is advisable to make an advance inquiry to the Authority with the following details:

- i. UN No.
- ii. IMO Class
- iii. Packing Group
- iv. Quantity / Weight
- v. Loading Port
- vi. Final Destination Port
- vii. Period of Transshipment

4. In the event, the transshipment of Dangerous Goods is not connected as scheduled and is shut-out, a fresh declaration should be made.