

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 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.

GUIDELINES 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. The Authority does not permit transshipment for substances which must be **shaded from radiant heat, shaded from direct sunlight, shaded from sources of heat and keep as cool as reasonably practicable.**

4. 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

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

GUIDELINES FOR DELIVERY OF IMPORTS FCLS/LCLS DANGEROUS GOODS OF KPA GROUP 2

1. All KPA 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 before vessel arrival. A copy of the declaration shall be submitted to the consignee / forwarding agent / freight forwarder.
3. A consignee / forwarding agent / freight forwarder upon receiving the KPA Group 2 declaration can request for temporary storage where this will be submitted before imposing firemen on standby. Failure to request for temporary storage can result in firemen charges being raised against the consignee / forwarding agent / freight forwarder.
4. In the event that the consignee / forwarding agent / freight forwarder cannot be reached before arrival of vessel, the principal shipping agent and box operator can request for temporary storage for the KPA Group 2 Dangerous Goods. Failure to request for temporary storage can result in firemen charges being raised against the principal shipping agent and box operator.
5. If and when approval is given for temporary storage, clearance must be made within the stipulated time, failing which additional safety measures will be imposed by the Authority.
6. Below are the list of the **KPA Group 2** Dangerous Goods which **(IF APPROVED FOR TEMPORARY STORAGE)** require additional safety measures, e.g. Firemen/ fire engine on standby.

NO.	IMO CLASS	PG	REMARKS	
i.	IMO Class 1.4S (Explosive)	-	Must obtain permit from Police. Direct Delivery Ex-Ship , 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 48 hours, failing which 2 firemen on standby.
		2.1 (Flammable Gas)	-	Must be cleared within 48 hours, failing which 2 firemen on standby.
iii.	IMO Class 3 (Flammable Liquid)	I	Direct Delivery Ex-Ship . On a case to case basis, the Authority may allow temporary storage for 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.
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)		-	Strictly Direct Delivery Ex-Ship. If approved for temporary storage, 2 firemen will be placed on standby immediately.
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 Ministry of Health (MOH) except for clinical waste. Strictly Direct Delivery Ex-Ship.
xi.	IMO Class 7 (Radioactive)		-	Must obtain permit from Atomic Energy Licensing Board (AELB). Strictly 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	With the exception of UN No. 2211 , the Authority on a case to case basis may approve for temporary storage up to 72 hours, failing which 2 firemen on standby.
xiv.	Substances which are “ shaded from radiant heat, keep as cool as reasonably practicable and shaded from direct sunlight ”			Temporary storage shall not be granted for the substances. If approved for temporary storage, the Authority may allow up to 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 fall under Class 1 until Class 9 except Class 7 shall be referred to Dept. of Environment (DOE).

GUIDELINES FOR DELIVERY OF EXPORTS FCLS/LCLS DANGEROUS GOODS OF KPA GROUP 2

1. All KPA Group 2 Dangerous Goods must be direct loading.
2. All export Dangerous Goods must be declared by the shipper or agent before entering the port. A copy of the declaration shall be submitted to the master / principal shipping agent (PSA).
3. Below is the list of the **KPA Group 2** Dangerous Goods if approved for **temporary storage**.

No.	IMO Class	PG	Remarks	
i.	IMO Class 1.4S (Explosive)	-	Must obtain permit from Police. Direct Loading.	
ii.	IMO Class 2 (Gases)	2.3 (Toxic Gas)	-	Allowed to bring in 04 hours before 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	Allowed to bring in 04 hours before loading.	
		II & III	Allowed to bring in 24 hours before loading.	
iv.	IMO Class 4.1 (Flammable Solid)	Self-reactive	Allowed to bring in 04 hours before loading.	
		Solid desensitized	Allowed to bring in 04 hours before loading.	
		I	Allowed to bring in 04 hours before loading.	
		II & III	Allowed to bring in 24 hours before loading.	
v.	IMO Class 4.2 (Spontaneously Combustible)	Self-heating	Allowed to bring in 04 hours before loading.	
		I	Allowed to bring in 04 hours before loading.	
		II & III	Allowed to bring in 24 hours before loading.	
vi.	IMO Class 4.3 (Dangerous when wet)	I	Allowed to bring in 04 hours before loading.	
vii.	IMO Class 5.1 (Oxidizing Substances)	II & III	Allowed to bring in 24 hours before loading.	
		I	Allowed to bring in 04 hours before loading.	
viii.	IMO Class 5.2 (Organic Peroxide)	-	Direct Loading. If approved for temporary storage, allowed to bring in 04 hours before loading.	
ix.	IMO Class 6.1 (Toxic Substances)	I	Allowed to bring in 04 hours before loading.	
		II & III	Allowed to bring in 24 hours before loading.	
x.	IMO Class 6.2 (Infectious Substances)	-	Must obtain permit from Ministry of Health (MOH) except for clinical waste. Strictly Direct Loading	
xi.	IMO Class 7 (Radioactive)	-	Must obtain permit from Atomic Energy Licensing Board (AELB). Strictly Direct Loading	
xii.	IMO Class 8 (Corrosive)	I	Allowed to bring in 04 hours before loading.	
		II & III	Allowed to bring in 24 hours before loading.	
xiii.	IMO Class 9 (Miscellaneous Dangerous Goods Substances)	II & III	With the exception of UN No. 2211 , the Authority on a case to case basis may approve for temporary storage up to 24 hours before loading	
xiv.	Substances which are “ shaded from radiant heat, keep as cool as reasonably practicable and shaded from direct sunlight ”	-	Direct Loading. If approved for temporary storage, allowed to bring in 04 hours before loading.	

Note:

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