

Operational Excellence

Instructions for the safe use of: Containers

The information in this leaflet should be passed to the user of the equipment.

This document is issued in accordance with the requirements of DNV 2.7-1 and EN 12079. It outlines the care and safe use of CONTAINERS and is based on the Oil & Gas UK "Best Practice for the Safe Packing & Handling of Cargo to & from Offshore Locations". It should be read in conjunction with the instructions for the safe use of Wire Rope Slings.

This information is of a general nature only covering the main points for the safe use of CONTAINERS. It may be necessary to supplement this information for specific operations.

Always

Ensure operators wear appropriate personal protective equipment (PPE) e.g. gloves, hard hat, safety glasses, and safety footwear.

Ensure operators are trained and competent.

Ensure dangerous goods are shipped in compliance with the requirements of the IMDG Code.

Never

Use equipment without carrying out a pre-use inspection.

Use equipment that has not been periodically inspected and certified.

Replace lifting sets without the approval of a competent person.

Use equipment out with its intended purpose.

Pre-use Inspection

Ensure doors function correctly with hinges and locking gear free moving and undamaged.

Ensure loading ramps function correctly with hinge bolts and locking mechanism free moving and undamaged.

Ensure securing devices function correctly with hinges, cams, pins, etc., free moving and undamaged.

Ensure tie down points are in place and fit for purpose.

Ensure the chain and carabiner are in place and fit for purpose where applicable.

Ensure the data plate is legible and demonstrates sufficient certification.

Ensure the safety, identification, and information markings are clear and legible.

Ensure the lifting set is correctly fitted with shackles and split pins fully engaged.

Ensure the lifting set is free of obvious signs of damage, e.g. abrasion, corrosion, wear, chemical attack, and mechanical damage.

Loading & Operation

Open door and secure in the open position using tiebacks where applicable.

Ensure the load is evenly distributed and does not exceed the total payload of the unit, where an intermediate deck is not used.

If the load is secured to the intermediate deck ensure the payload does not exceed the intermediate deck payload, stencilled to the unit and stamped on the data plate.

The intermediate deck shall be used when the mass of the cargo secured to the base structure equals or exceeds the mass secured to the intermediate deck to ensure the center of gravity of the unit and contents is as low as practically possible so that the unit is not susceptible to tilting.

Where the container is fitted with a folding shelf, remove the slip bolts located at the front of the shelf and lower the shelf to the rear of the unit using the hand holds provided. Gently lower the shelf to the rear of the unit. This is a 2 person operation. Ensure the slip bolts are engaged with the corresponding lock points.

Where a container is fitted with a multipart removable shelf the locking U-bolt located at the channel member at the front of the unit must be raised in height and moved out of the way, to allow for the shelving to be removed. This is a 2 person operation.

Ensure the load is safely secured using the provided lashing point(s).

Secure both doors (left sided first) ensuring cams and keepers are engaged.

Engage handle in retainer, settle catch, and install locking carabiner.

Operational Excellence

Instructions for the safe use of: Containers

Movement & Transport

Ensure all signs and placards are in place and in compliance with the IMDG Code.

Ensure roof, forklift pockets, frame, etc., is free of potential dropped objects.

Ensure the total payload does not exceed the maximum gross weight of the unit.

Ensure all lifting is performed with carried out through the forklift pockets or dedicated lifting set.

Lifting must be carried out by competent persons in accordance with an appropriate lifting plan.

Maintenance & Inspection

Moving parts such as hinges, locking gear, shackles, etc., must be regularly lubricated to ensure free movement and prevent corrosion.

Paintwork damage must be regularly treated to prevent corrosion.

Lifting sets shall be subjected to as a minimum:

- Thorough examination at intervals not exceeding 12 months.
- Non-destructive examination, and visual examination of components and joining links at intervals not exceeding 48 months.
- Non-destructive examination, and visual examination of chain sling legs at intervals not exceeding 48 months.

Containers shall be subjected to as a minimum:

- Visual examination at intervals not exceeding 12 months.
- Non-destructive examination, and visual examination at intervals not exceeding 48 months.
- Proof load test, non-destructive examination, and visual examination after substantial repair or alteration.

Operational Excellence

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Closed Container

Note. Design may not be wholly representative of the actual Container.

