Port of Fujairah	PORT OF FUJAIRAH				
	Document Title:	Transportation of Chemical-Lashing Checklist	Revision No.:	1	
	Document No.:	ATTACHMENT 34 NTM 148 V6	Revision Date:	03.06.2024	

## To be completed by Boat Skipper:

Boat Name	
Agent Name	
Product Name	
Quantity Numbers (IBCs/ultratainers or drums)	

Securing Intermediate Bulk Containers (IBCs), ultratainers, or drums on boats for transportation by sea in open deck spaces is crucial for ensuring the safe and efficient transport of goods. Here is a step-by-step procedure to properly secure using tie-down straps:

### Preparation:

- a. Inspect the IBCs, ultratainers, or drums to ensure they are in good condition and free from any visible damage.
- b. Check the tie-down straps for wear and tear, ensuring they are strong and in good condition.
- c. Inspect the deck and lashing points on the boat to ensure they are clean, free from rust, and in good working order.
- d. Ensure that the Operation Department representative checks and verifies the lifting points and conditions.

## Positioning the IBCs, ultratainers, or drums:

a. Place the IBCs, ultratainers, or drums along with their packaging on a flat, stable surface on the open deck space, ensuring they are evenly distributed and do not exceed the boat's weight capacity.

b. Leave sufficient space between the containers and the boat's edges to prevent damage during transportation.

#### Packaging the drums:

a. Ensure that the drums are contained within a strong and durable box/pallet designed for lifting, transporting, and securing drums.

### Lashing:

a. Attach one end of the tie-down strap to a secure lashing point on the boat's deck.

b. Pass the strap over the top of the IBCs, ultratainers, or drums, ensuring it is positioned in the centre and perpendicular to the length of the container.

c. Attach the other end of the strap to another secure lashing point on the opposite side of the boat's deck.

d. Tighten the strap using a ratchet or other tightening device until it is taut and secure but not so tight that it damages the IBC or packaging of the 200L drums IBCs, ultratainers, or drums.

e. Repeat this process for each IBC, ultratainers, or drum pallet, attaching additional straps as needed to secure them in place.

- f. The IBCs, and ultratainers should not be lashed from guards; instead, use the proper eye.
- g. The strap should not be tied up with the hand railing of the boat.

### Monitoring during transportation:

a. Regularly inspect the IBCs, ultratainers, or drums, their packaging, and tie-down straps throughout the journey to ensure they remain secure and in good condition.

b. If any issues arise, such as loose straps or shifting containers, address them immediately to prevent damage or accidents.

### Unloading and inspection:

a. Upon arrival at the destination, carefully remove the tie-down straps and unload the IBCs, ultratainers, or drums.

b. Inspect the containers and their packaging for any signs of damage that may have occurred during transportation and report any issues to the Port authority.

Note: The cargo slings/net are not allowed for securing IBCs, ultratainers, or drums.

### Boat Skipper Signature

Name:	
Signature	
Date	

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# The following lashing techniques are not acceptable:



