



Designated Lashing Points Guide

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Scope

This document sets out the guidelines for road trailer lashing points requirements for safe shipment on SeaRoad vessels.

Location

- Lashing points (lugs) should be welded to the mainrail where possible.
- Alternative locations are twist-lock beams, crossmembers and other structural members.
- The location of such lashing points should be as far as possible to ensure a direct unobstructed path to the ship's deck and be marked in a clearly visible colour.
- Rear lashing points should not be any further than 400mm forward from the aftermost point of the trailer.
- Rear lashing points must be accessible from rear of trailer and not obstructed by plates, signage, etc.
- Keep lashing points (lugs) clear of toolboxes and landing legs.

Quantity

- Trailers with a length of between 9.00 and 13.75 metres – 8 points (lugs).
- Trailers less than 9.00 metres long – 6 points (lugs).

Specification

- Lashing points (lugs) thickness must be minimum 19mm round bar and the “eye” is to be 100mm diameter.

Weld

- All welding must be to Australian standards and compatible to the materials used.

Strength

- The minimum strength of each designated lashing point must be **120kN (12 tons)**.

Typical semi-trailer lashed to vessel's deck.

Side



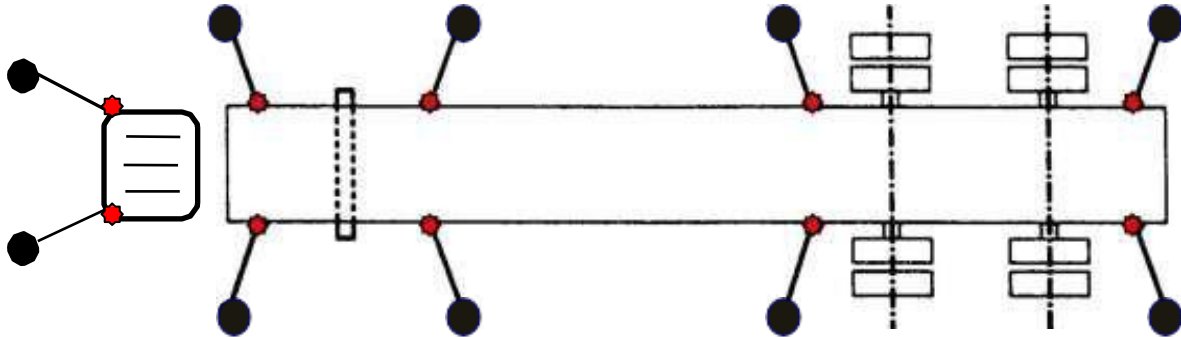
Front



Rear



Prime mover with Semi Trailer or Semi-trailer.

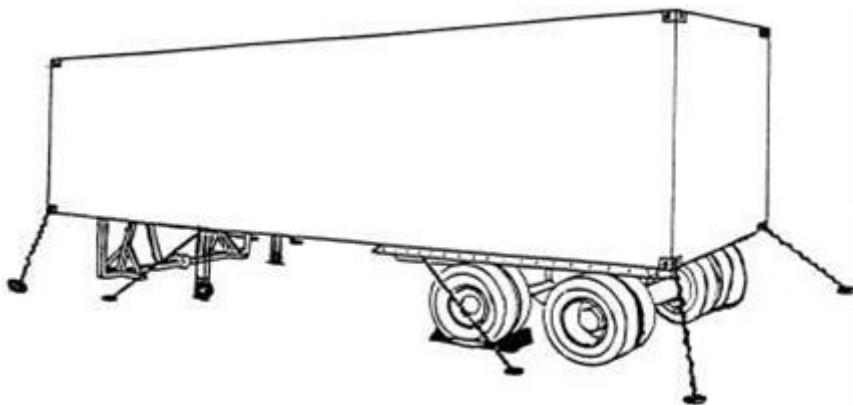


Note

Semi-trailer requires a minimum of **4 Lashing Points** per side - 1 forward of the king pin, 1 aft of the king pin, 1 central & 1 at the rear.

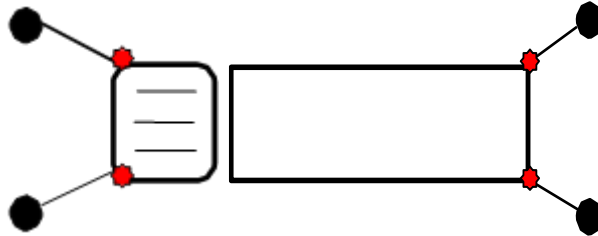
Lashing points (lugs) must not impede the SAT operation. Specifically, ensure that there is no obstruction e.g., lashing point (lug) within 1.2m radius of the kingpin.

Prime movers require an additional **2 Lashing Points** at the front of the vehicle - A towing coupling may replace the **2 Lashing Points**.



Typical Semi Trailer Lashed to Ships Deck

Rigid Truck



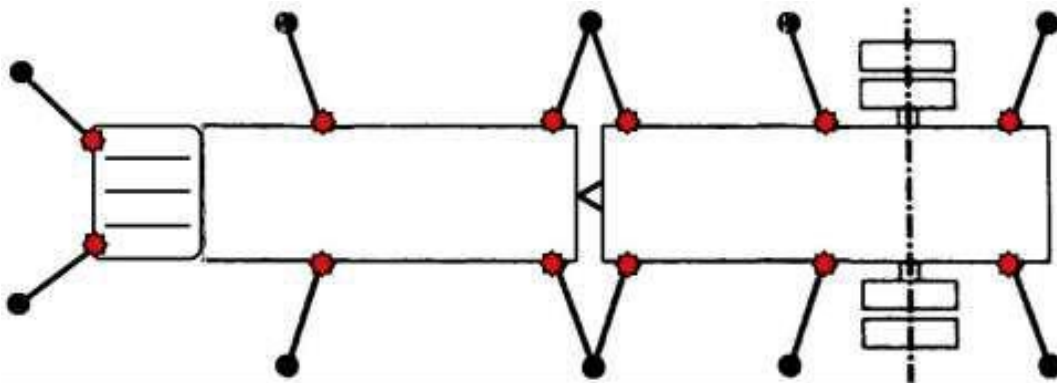
Note:

A rigid truck requires a minimum of **2 Lashing Points** per side.

A rigid truck of between **20-30 tons** (total gross laden weight) requires a minimum of **3 Lashing Points** per side.

A rigid truck in excess of **12.2 meters in length** requires a minimum of **4 Lashing Points** per side.

Rigid Truck with Trailer



Note:

When connected, **3 Lashing Points** per side on each rigid/trailer section (*1 forward, 1 centre & 1 rear*).

When disconnected, each section as per Rigid Truck & Semi-trailer.

Additional Information

- Lashing points are required to be fitted so that freight units can be securely and safely stowed.
- Accessing lashing points is equally important.
- Lashing points placed in inaccessible locations with an inability to obtain a straight-line lashing line to the vehicle deck are invalid.
- If possible, it is recommended for King Pin Blocks to be removed.
- Refer photo below demonstrating best practice.

