WAGON TYPE	COMMODITY
FDA Twin	18.3 m (60') Steel Sleeper Track Panels

Carrying Capacity:
Each Wagon has a carrying capacity:- see individual wagon details
Tare Weight:- see individual wagon details
Gross Laden weight:- see individual wagon details
For exact loading limits see individual wagon on TOPS.

Approximate Panel Weights at 28 sleepers per 60 ft panel.
Steel – 5 t

Loading Position:
Panels may be loaded up to 3 tiers high.
Track panels shall be contained within the length of the wagon.
Sleepers may overhang the wagon sides by a maximum of:

Wagon Type	Overhang
FDA Twin	300 mm

Sleepers that exceed the above overhangs will have to be removed.

Stanchions: N/A

Bolsters: N/A

Dunnage: 4 pieces of timber dunnage 125 mm x 125 mm x 2000 mm between each tier evenly spaced. Dunnage to be positioned between sleepers at right angles to the panel. It is important to have suitable strap securing positions available on either side of the timber dunnage.

Unsecured Loads: Not Permitted

Securing Equipment: Minimum of 8 x straps or hand ratchets.
Straps are positioned as close as possible on either side of the timber dunnage.
A strap shall be positioned within the first 4 sleepers at each end of the panel.
Straps are 7 m long and fitted with a 3 m stitched in wear sleeve.

If a wagon winch is found to be defective then hand ratchet tensioners can be used in place of defective cargo winch.
When tightening cargo winches, tighten the winch on both sides so that an equal 'pull' down is on both sides of load.
The load shall be supported both sides of the strap positions, consequently, it is not permissible to place straps between the rail ends and the first sleeper.
Where straps go around sharp edges, suitable strap sleeve protection shall be used.
Do not place straps over Sleeper ends.

All unused securing equipment shall be either secured across the bed of the wagon or coiled up neatly and placed in the equipment box
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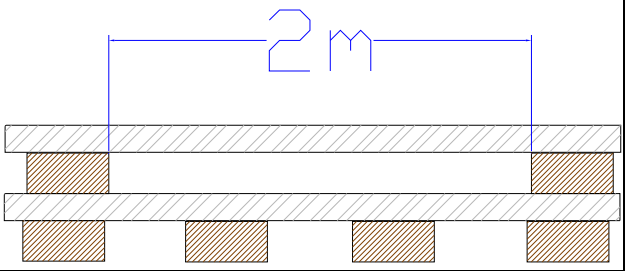
Voids: Due to the nature of the load sleepers in upper tiers will be unsupported. This is permissible providing the gap between the underside of the sleeper and the rail head does not exceed 30 mm.Unsupported sleepers shall be securely attached to the rail by all fastenings. If fastenings are missing then the sleeper needs to be removed.

If sleepers have been removed or are missing this unsupported span shall not exceed 2 sleepers or 2 m.

A 2 m unsupported rail end span is permitted providing it is on the top tier only.



Doors/Sides: N/A

Special Equipment: N/A

Competence Level: Load Examiner

Safety: WEAR P.P.E. AT ALL TIMES
Check prior to loading that wagon floors are free from loose material and any previously used dunnage.
Check panels are clear of ballast and any other loose items that could fall from the loads.
Check bonding wires are removed or tied back.

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