

WAGON TYPE	COMMODITY
Solid Sided Wagons <u>2 Axle type</u> MFA/MHA/MPA/MTA Coalfish <u>Bogie type</u> JNA/IEA Falcon MCA/MDA Swordfish MLA Red Snapper MXA Lobster	Loose materials

Carrying Capacity :

See individual wagon details on TOPS for further details.

Load Positioning :

It is not permitted to drop products in the wagons.

Load products evenly throughout the vehicle in an orderly fashion.

It is not permitted to load above the height of the wagon side.

The load shall always be contained within the wagon at all times. No part of the load shall be allowed to overhang the sides or ends of the wagon.

Take care with plant not to forcefully strike the wagons.

Whilst it is not normally permitted to mix different commodities it is acceptable to load rails on to the wagon floor first and then load scrap sleepers on top.

It is permitted to load different types of sleepers into the same wagon (e.g. concrete sleepers mixed with timber sleepers)



Example of Scrap Sleepers

It is permitted to have the following weight differential end to end over the axles/bogies throughout the length of the wagon.

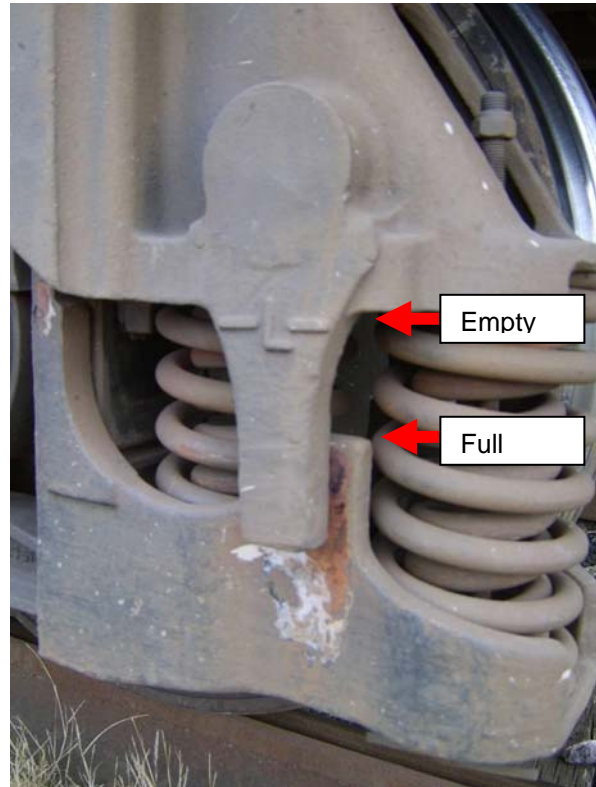
2 axle wagons = up to 2 tonnes.

Bogied wagons = up to 5 tonnes.



The bump stop clearance is 25 mm and shall be equal throughout the wagon. A 12 mm tolerance is acceptable.

Bogie wagons have load indicators that indicate when a wagon is fully loaded.



Solid sided vehicles may be loaded with scrap rail/S&C ironwork providing the following control measures are taken;

- Load rails either in a single stack throughout the entire length of the wagon or in two stacks at either end of the wagon loaded towards the wagon headboard. A gap in the centre of the wagon between the two stacks is acceptable.
- Load the rails in an orderly fashion with longer length rails positioned on the bottom and shorter length rails positioned on the top.
- Load rails 300 mm below the wagon sides.
- No part of the load may be permitted to overhang the sides or ends of the wagon.
- The weight shall be evenly distributed over the length and width of the wagon.
- The carrying capacity of the wagon shall not be exceeded
- As a guide for calculating weights a 6.1 m (20') rail weighs approx 0.33 t, a 9.144 m (30') rail weighs approx. 0.5 t

- A competent 'Loader' shall calculate the amount of rails being loaded and load the wagon accordingly.
- Any rail or S&C ironwork that may have potential to shift in transit shall be loaded under other rails so as it is always contained within the wagon. (It may be necessary to additionally secure switch blades to prevent this happening)



Example of scrap rails

Stanchions : N/A

Bolsters : N/A

Dunnage : N/A

Unsecured Loads : Permitted.

Securing Equipment : N/A.

Voids : N/A.

Doors/ Sides : Wagons with doors are prohibited.

Special Equipment : N/A

Competency Requirements : Loader

Safety : PPE is to worn at all times
