

| WAGON TYPE      | COMMODITY |
|-----------------|-----------|
| Bass Pike Tench | Materials |

Bass (OBA OCA) wagons can carry 31 tonnes  
Pike (SPA) wagons can carry 29.5 t – 31.5 tonnes  
Tench (FJA) wagons can carry 47 tonnes  
Tench (YQA) wagons can carry 48.75 tonnes

| Length of Load(m)          | OBA / OCA / SPA |
|----------------------------|-----------------|
| 2 – 2.99                   | 15.25 t         |
| 3 – 3.99                   | 16.85 t         |
| 4 – 4.99                   | 18.8 t          |
| 5 – 6.319                  | 21.25 t         |
| 6.32 – 6.99 (Axle centres) | 25.7 t          |
| 7 – 7.39                   | 28.8 t          |
| 7.4 & longer               | 31 t            |

### Load Positioning :

Products shall be loaded centrally throughout the wagon in order to maintain even weight distribution. A small weight differential is permitted over the axles as follows:  
2 axle wagons = 2 tonnes.  
Bogied wagons = 5 tonnes.



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

Small items (e.g. rails, sleepers and troughing) shall be loaded below the wagon door height.

It is permitted to securely band multiple small objects together and treat them as a single large item for the two-thirds rule (e.g. shrink wrapped or steel banding). This shall be approved by a Loading Standards Specialist.

Large single items may be loaded above the height of the doors providing they conform with the following rule;

Two-thirds of the object (66%) shall be within the height of the door whilst permitting up to one-third of the object (33%) to be above the height of the door.

Objects that exceed this two-thirds rule need to be authorised by a Loading Standards Specialist.

All loads shall be free standing so as to prevent pressure being applied to the doors. The load is not permitted to rest against the wagon doors.



## Sleepers

New wood and concrete sleepers with furniture attachments shall be loaded using timber dunnage between each tier.

To permit the use of the '7 sleeper auto baler' sleepers shall be loaded with up to 7 sleepers across the wagon, with up to 3 stacks along the length of the wagon. The end sleeper

stacks shall be positioned 300 mm from the wagon headboard.

Bass type wagons may be loaded up to three tiers at a maximum of 63 sleepers. Pike and Tench wagons can be loaded up to two tiers high.

Scrap sleepers can be loaded without timber dunnage providing the load is in an orderly fashion in a pyramid formation – this is where the upper tiers reduce in number by at least one.



Steel sleepers may be loaded loose or in banded packs.

Turn any leaning packs to face towards the centre of the wagon.

## Rails and S&C ironwork

Rails and S&C ironwork shall be loaded with timber dunnage separating each tier. It is not permitted to load multiple tiers of rails/S&C without dunnage as it makes the unloading of the wagon dangerous and unsafe.

Dunnage shall be one piece and positioned at right angles to the load. Cut back any long timbers that might restrict the door closure to enable the wagon doors to be closed without damage.

When loading mixed lengths of rail keep shorter pieces at the top and the longer lengths at the bottom of the load. Shorter lengths where possible shall be loaded inside longer lengths of rails

