

TECHNICAL ADVICE DOCUMENT

Narrow coils in wooden cradles

1. This Technical Advice Document applies to:

- Coils in cradles loaded eye to the side.
- Road transport only.

2. Restraint systems for coils side-by-side

Example 1: Restraint systems for separate coils loaded side-by-side

- ✓ Each coil banded to cradle pallet with minimum 1 band through the bore and 2 circumferential bands.
- ✓ 2 coils loaded side-by-side with either:
 - the coil faces touching, or
 - the gap between the coil faces tightly blocked with timbers (as shown below).
- ✓ **2 straps** through the bores - binding the 2 coils tightly together to stop them toppling. Take care not to damage the surface of the coils with the ratchets.
- ✓ **2 restraint straps through the bores.**
- ✓ Edge protection fitted on all corners.



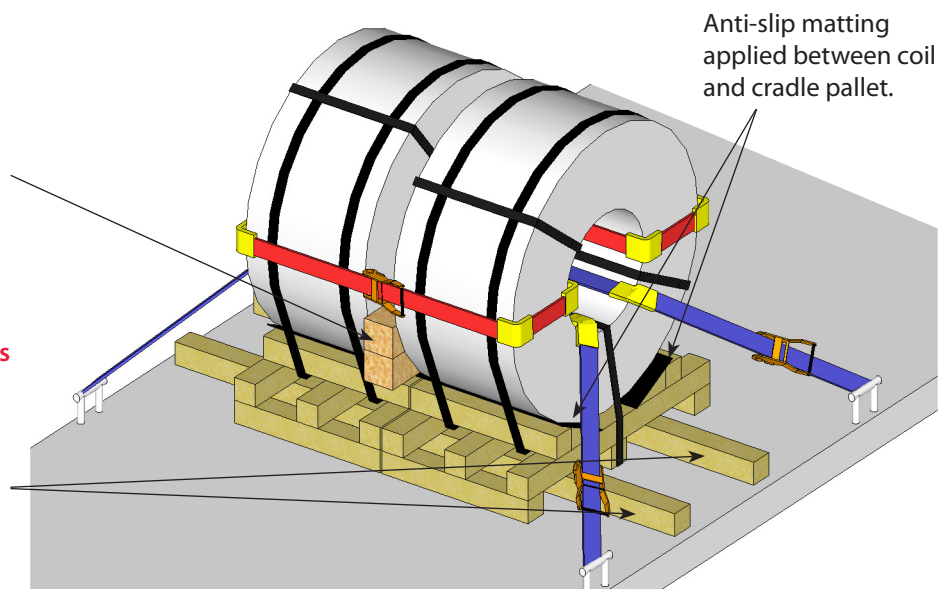
Coil faces must be touching or blocked with timbers.

DO NOT just pack the gap between the pallets and leave an air gap between the coil faces.

NOTE: Combined weight of the coils in a single row must not exceed 8 tonnes.

Use full width timbers to distribute load across the trailer.

Timbers must have the same cross section as base cradle timbers.



NOTE: Coils must be resting on wedges, and never on the base bearer to avoid rocking / rolling.

NOTE: If combined weight of the coils in a single row exceeds 5 tonnes anti-slip matting must be applied under the cradle and to both sides of full width timbers.

NOTE: Outside diameter (OD) must be less than 1.5 times combined coil width otherwise add belly-wrap strap (see Section 3) and reduce combined weight to 5 tonnes.

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Example 2: Restraint systems for coils packaged in pairs and loaded side-by-side

- ✓ Coils banded in pairs on one cradle pallet with timbers between the coil faces, and longitudinal bands holding the pairs together.
- ✓ 2 pairs of coils loaded side-by-side on the trailer with either:
 - the coil faces touching, or
 - the gap between the coil faces tightly blocked with timbers.
- ✓ **2 straps** through the bores - binding the coils tightly together to stop them toppling. Take care not to damage the surface of the coils with the ratchets.
- ✓ **2 restraint straps through the bores.**
- ✓ Edge protection fitted on all corners.
- ✓ Each coil banded to cradle pallet with minimum 1 band through the bore and 2 circumferential bands.



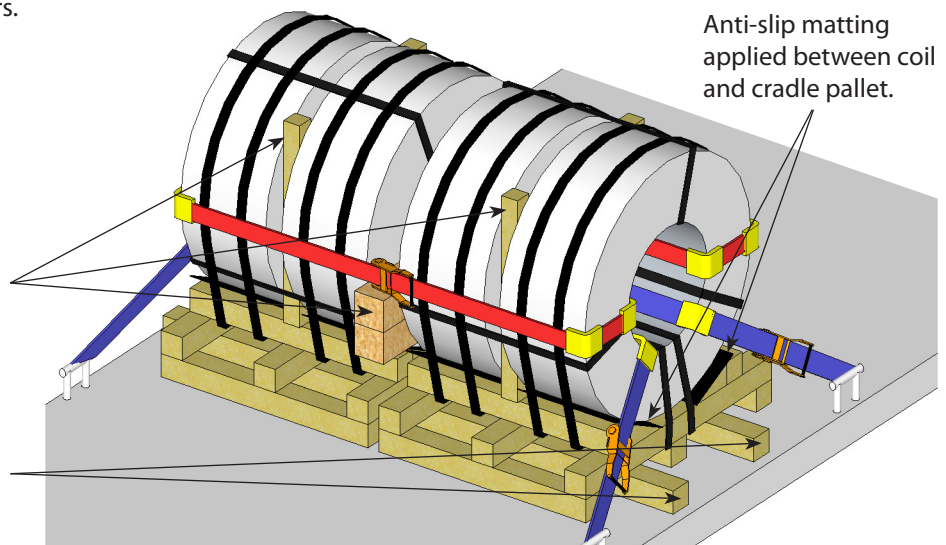
Coil faces must be touching or blocked with timbers.

DO NOT just pack the gap between the pallets and leave an air gap between the coil faces.

Use full width timbers to distribute load across the trailer.

Timbers must have the same cross section as base cradle timbers.

NOTE: Combined weight of the coils in a single row must not exceed 8 tonnes. If combined weight of the coils in a single row exceeds 5 tonnes anti-slip matting must be applied under the cradle and to both sides of full width timbers.



3. Restraint system for single narrow coils

NOTE: Narrow coils can be loaded in single coil configuration only when creating pairs is not possible e.g. odd number of coils on the load.

- ✓ Coil banded to cradle pallet with minimum 1 band through the bore and 2 circumferential bands.
- ✓ **2 bore straps + 1 belly-wrapped strap** around top of coil **with a ratchet on each side.**
- ✓ Edge protection fitted on all corners.



Ratchet in both legs of the **belly-wrap strap** to ensure both sides tension up sufficiently.

Full width timbers **must be used** to distribute load across the trailer.

Timbers must have the same cross section as base cradle timbers.

NOTE: Outside diameter (OD) must be less than 3 times sheet width (SW).

