TATA STEEL

LOAD RESTRAINT GUIDELINE

Wide coil in cradle

Sheet width > diameter/1.4

1. This guideline applies to:

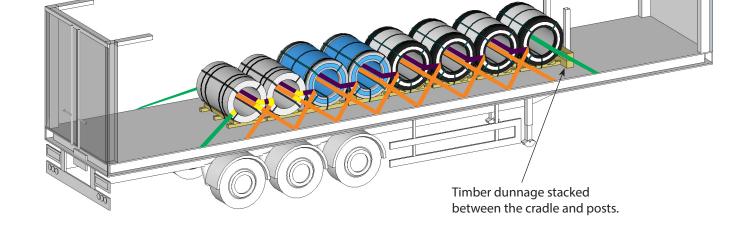
- Wide coils up to 7 tonnes loaded in cradles.
- Coils with diameter less than 1.4 times sheet width.

2. Essential requirements

- Edge protection must be used on all sharp edges. •
- Coils must be securely banded to cradles.
- Weight limit for individual coils must be observed. .
- Chock angle 23 degrees minimum.
- All restraints must be webbing straps compliant with EN 12195-2, minimum lashing capacity of 2000 daN. .
- Posts used for blocking must be in good condition. Minimum acceptable size in S355 steel is 80 x 80 x 4.

3. Coils up to 5 tonnes each - road transport.

- 3.1 Blocked against the posts
- Pairs of alpha straps, binding coils together.
- Cradle blocked against posts.
- Direct lashings pulling rearwards and forwards.





OD < 1.4 x SW

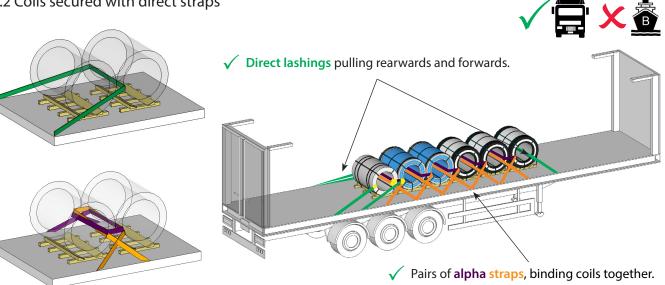




This Load Restraint Guideline has been designed and tested to meet the forces for road and sea transport as stated in EN 12195-1:2010 and

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3.2 Coils secured with direct straps

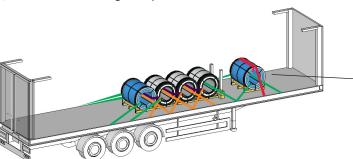


4. Coils up to 6 tonnes each - road transport.

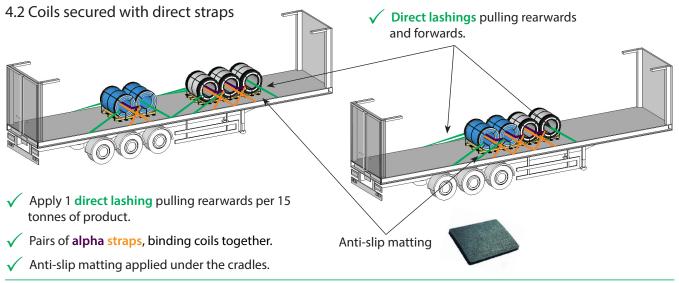
- 4.1 Coils blocked against the posts
- Pairs of alpha straps, binding coils together.
- Direct lashings pulling rearwards and forwards.
- Cradle blocked against posts.



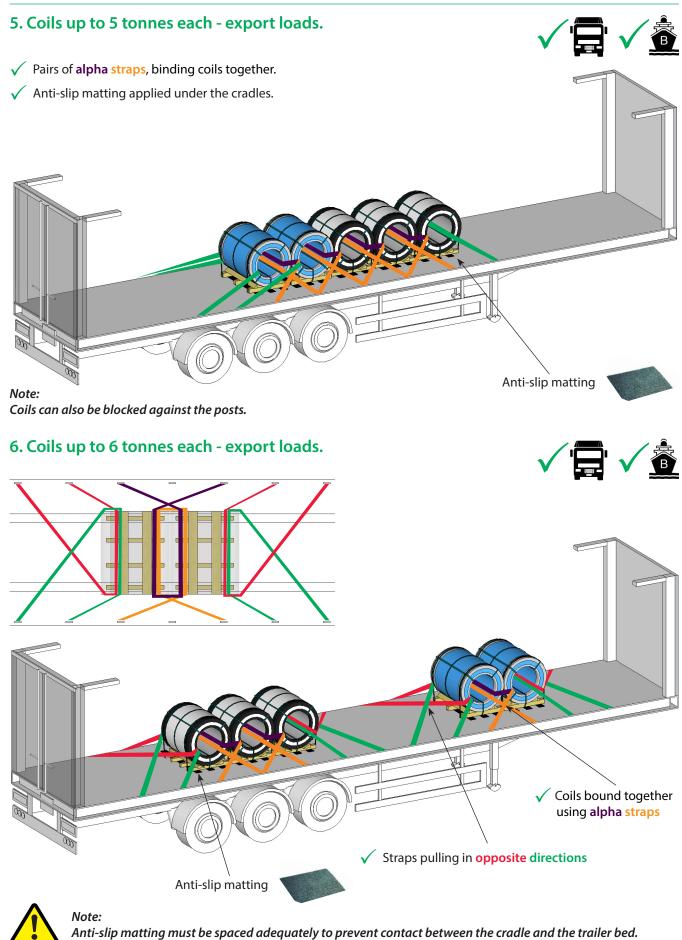
To meet axle load weight limits coils can be loaded individually and secured using direct lashings and belly-wrap lashing with ratchet tensioner on each side.



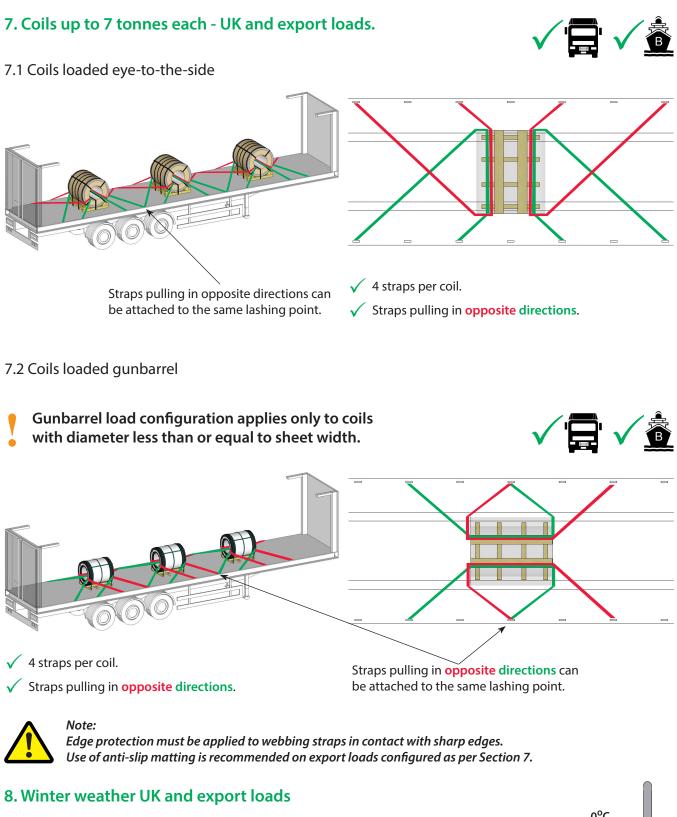
Cross-sectional view of **belly-wrap** restraint showing ratchet tensioners on both sides.



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During severe winter weather advisory periods when the air temperature is below 0°C and there is a risk of frost, ice or snow anti slip must be positioned between cradles and trailer.



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