

To whom it may concern,

The Cotton Bale Load Restraint System as supplied by Collier & Miller Pty. Ltd. has been tested to demonstrate compliance with the NTC Load Restraint Guide (2018).

This system has been tested to restrain six (6) round cotton bales weighing up to 2,800kg each.

The testing covers the following critical components:

- Primary strap – Ancra Australia double J-hook w/ keeper, 5,000kg rated, 100mm webbing x 20.0m length.
- Primary winch – Collier & Miller 100mm Cotton Winch.
- Secondary strap – AustLift double J-hook w/ keeper, 2,500kg rated, 50mm webbing x 9.0m length.
- Secondary winch – AustLift 205205 Slide-On Ratchet Winch.

This load restraint system must be used on a flat-deck semi-trailer with the following features:

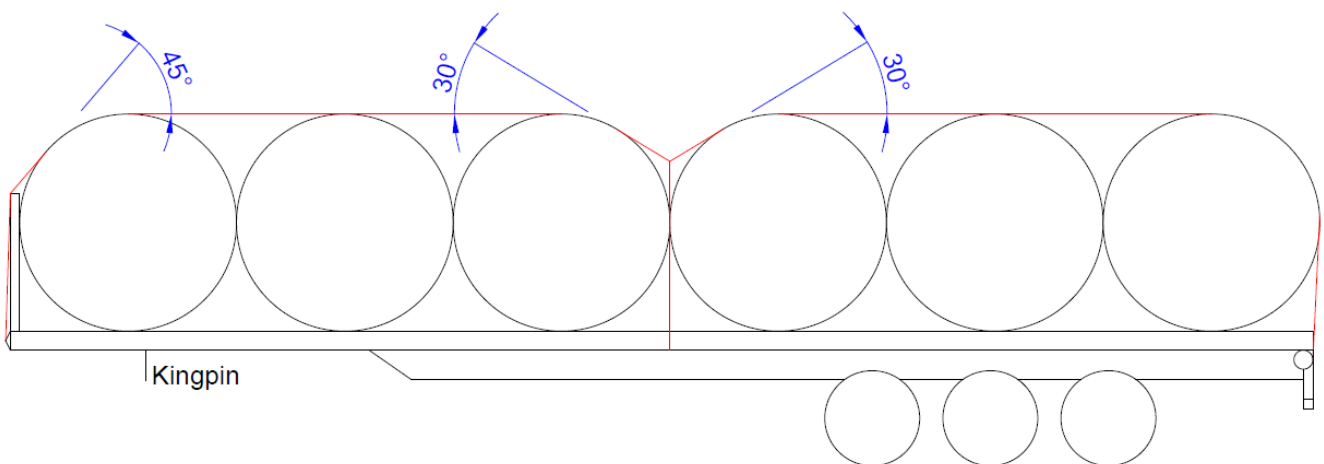
- a headboard capable of supporting a minimum 16,800kg load at 0.8g forward longitudinal acceleration.
- A nominal deck length of 13.7 metres (45 feet).
- A combing rail depth of no less than 20mm.

This load restraint system must be tensioned in the following sequence:

Step 1 – Tension primary strap to 11.3kN.

Note: this pre-tension can be achieved by applying a torque of 500N.m at the primary winch handle.

Step 2 – Tension secondary strap until the minimum angles shown in the figure below have been obtained.



Kind regards,

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