

1. PURPOSE

The purpose of this procedure is to ensure product and material delivered to and produced by Bekaert Wire Ropes Australia and carried in crates complies with industry safety standards for positioning and restraint of the load.

2. SCOPE

This procedure applies to Bekaert Wire Ropes Australia personnel (primarily Warehouse/Despatch), customers, transport drivers and providers responsible for loading, restraining and transporting Ropes material and products via road transport.

3. REFERENCES

WRW-OHS-SOP-002 CLOTHING AND PERSONAL PROTECTIVE EQUIPMENT (PPE) STANDARD
National Load Restraint Guide (2018), Published by National Transport Commission
WRW-WH-SOP-001 WRI Australia Transport Specification
WRW-WH-SOP-113 Load Restraint - Equipment Guidelines

4. RESPONSIBILITIES

Process owner Operations Manager

5. QUALIFICATION, TRAINING & COMPETENCE REQUIREMENTS

Bekaert Ropes Australia – Level 1 Induction
Bekaert Ropes Australia George St - Level 2 Induction

6. DEFINITIONS

7. RECORDING / REPORTING REQUIREMENTS

These guidelines are provided by Bekaert Wire Ropes Pty Ltd (trading as Bekaert Wire Ropes Australia) for guidance only, and compliance with applicable laws and standards remains your responsibility.

They are based on guidelines provided to preceding entities under license from BlueScope Steel. Whilst Bekaert Wire Ropes, in co-operation with transport operators, has taken considerable care to develop load restraint guidelines that are effective and comply with all requirements, Bekaert Wire Ropes makes no warranty as to the applicability of these methods in all circumstances.

It remains your responsibility, at all times, to ensure that the methods you use are adequate for the particular situation and, where applicable, you should take further precautions.

These guidelines are confidential to, and the property of, Bekaert Wire Ropes and you may only use these guidelines with permission of Bekaert Wire Ropes.

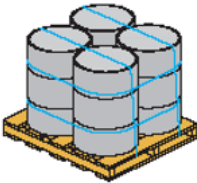


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Task	Task Step Description	Hazard/Risk	Type S,Q,E	Controls
DRUMS ON PALLETS	This Guideline applies to: - Drums strapped to pallets.  Essential Requirements ✓ Attach the drums to the pallet so that the packaging is capable of withstanding a force equivalent to 80% of the freight weight. No steel-on-steel contact allowed. ✓ Check pallets for damage. Damaged or broken pallets must NOT be used. ✓ All pallets must be rated for 2 tonnes. ✓ Pallets must NOT weigh more than 2 tonnes in total. ✓ Ensure the strapping around drums are tight and there is no visible weak points such as folds or cracks in the strapping. DO NOT load if strapping is damaged. ✓ Webbing must be fit for use and have a minimum 2.0 tonne lashing capacity that meets the Australian Standard AS4380 or equivalent. ✓ Chains must be 8mm transport chain with a minimum loading capacity of 3 tonnes, which meets AS4344 or equivalent.	Drums side off pallet due to steel on steel contact. Pallet collapses under weight of drum	Safety Safety	Use suitable packing to avoid steel on steel contact. Only use load rated pallets (2t minimum) Ensure strapping is secure and adequate for the job.

Task	Task Step Description	Hazard/Risk	Type S,Q,E	Controls
DRUMS ON PALLETS (WITHOUT HEADBOARD.)	Load Configuration without Headboard ✓ Each row of pallets is to be secured using two chains, one over each row of drums. ✓ Steel or plastic angles should be used to hold chain in place and prevent slip.	Chain breaks, allowing pallets and drums to move around unrestrained.	Safety	Only use rated chain to AS4344. Use plastic angles to protect chain and drums.

Task	Task Step Description	Hazard/Risk	Type S,Q,E	Controls
DRUMS ON PALLETS (WITH HEADBOARD).	Load Configuration with Headboard ✓ Engineered headboard or tautliner must be capable of restraining 30% of the weight of the load. ✓ Each row of pallets is to be secured using two webbing traps, one over each of drums. ✓ Front row must be placed against the headboard. ✓ Steel or plastic angles should be used to hold webbing in place and prevent slip.	Webbing breaks, allowing drums and pallets to move around.	Safety	Use suitably sized rated webbing and protect edges with plastic angle.
	Engineered headboard or tautliner must be capable of restraining 30% of the weight of the load. Two straps per row of pallets, one over each row of drums. Front row placed against headboard. Steel or plastic angles. All drums strapped to pallets as per manufactureres requirements.	Headboard fails under hard braking or collision allowing drums and pallets to move around.	Safety	Ensure headboard id engineered and is capable of restraining atleast 30% of the load weight.