

SAFETY ALERT



AUSTRALIAN STEEL INSTITUTE
SAFETY GROUP

"Sharing incident learnings amongst ASI member companies"

"A vision of a safer steel industry"

Number:	SA0035
Subject:	Non Compliance To Load Restraint Guidelines
Date:	March 2009

Two incidents have occurred where bore horizontal steel coils have shifted in transit.

Incident 1: (Photos 1 & 2)

- A coil was loaded onto an upturned pallet (see Photo 1). At the delivery location it was found the coil had shifted sideways and come to rest against the trailer side gates.
- A second coil was loaded directly onto carpet (see Photo 2). Note both coils were chained with a single chain through the bore of each coil.

Incident 2: (Photo 3)

- A horizontal coil was loaded onto an upturned pallet used for vertical coils. The pallet failed in transit resulting in the restraining chain coming loose and the coil moving to the other side of the trailer.

In both cases the restraint methods used were not in accordance with published load restraint guidelines.



Key Lessons:

- Recall in 2004, a fatality occurred in WA when two steel bore horizontal coils were loaded on upturned pallets and inadequately restrained. The coils subsequently fell off the truck trailer, striking another vehicle, killing the driver.
- Load restraint systems, including product packaging, must be capable of achieving performance standards as outlined in the NTC Load Restraint Guide 2004. (Copies of this guide can be obtained from local road authorities).
- Being compliant to relevant load restraint guidelines and using packaging e.g. pallets, for their intended use only **WILL** reduce the likelihood of an incident.

Recommendations:

- Consignors and Carriers of steel must be able to demonstrate compliance to performance based load restraint standards and product packaging integrity.
- Loaders and truck drivers need to be trained in their roles and responsibilities under the 'Chain of Responsibility' legislation, including load restraint and packaging standards.

For further information please contact **Phil Casey** – National Safety Group Co-ordinator:
Tel: (02) 9931 6605; Fax (02) 9931 6633; email – philoc@steel.org.au

*** Safety Alerts are distributed by Australian Steel Institute as general information ONLY and are not intended as specific recommendations or advice ***