Learning Event

Safer Together

DRIVING

HAZARD
Physical
(moving object – vehicle)

Loss of Load

CONSEQUENCES
No harm to persons
Potential fatality

WHAT ARE YOU DOING TO SECURE LOADS DURING TRANSPORT?

Description

A section of metal sheeting measuring approx. 2m x 1m, 2mm thick, weighing approximately 40kgs dropped from a Heavy Vehicle trailer moving at 60kph on the outskirts of a regional town.

The metal sheet was secured to a small framed structure with several pop rivets. The structure was lashed to the trailer. The rivets failed during transport due to wind resistance and vibration.

No one was injured.

Why?

Fabrication specifications for the structure were solely for the end use, not for transport. Hazard identification processes during loading did not identify the risk.

Habits

- ✓ Understand and use safety critical procedures which apply to the task.
- ✓ Take action to secure loose objects.

Lessons

- Consider forces exerted in transit when designing pre-fabricated structures that will be transported to site for installation. Consult with all parties involved in the Chain of Responsibility to ensure that robust means of fastening, or securing the structure are used.
- Conduct training for all parties involved in the Chain of Responsibility.
- Carry out equipment checks, including load restraint, at the point of load.

Could this happen to you?

- Do you transport pre-fabricated structures? How do you verify adequate load restraint when transporting pre-fabricated structures?
- How do you factor transportation requirements into your fabrication specifications?
- Have you heard about the Chain of Responsibility? What is your role in the Chain of Responsibility?