

SAFETY ALERT



AUSTRALIAN STEEL INSTITUTE
SAFETY GROUP

"Sharing incident learnings amongst ASI member companies"

"A vision of a safer steel industry"

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| Number: | Sample SA0003 |
| Subject: | Lifting Arrangement Failure and Importance of PPE |
| Date:(mth/yr) | March 2005 |

Incident: (Brief facts only, do not include company name or location, insert picture if available)
Whilst installing the bogey arrangement for the wheels on a mobile machine, the worker was leaning over the assembly trying to align a shim between the bogey and the frame when the lifting bolt pulled through the threaded steel frame. The bolt came into contact with the employee's face, his eye only being saved by the wearing of his safety glasses (see photos below)

Injured worker



Damaged Safety Glasses and Bolt



Lifting arrangement and threaded hole



Key Lessons: (maximum of 3)

- Design review of bogey lifting arrangement with original equipment manufacturer
- Review of all similar lifting arrangements on the site with potential hazards
- Ensure hazard of 'stored energy' is reviewed in all JSAs
- Utilisation of hand winch arrangement for better control and alignment

Recommendations: (maximum of 3)

- Review the capability of all equipment from suppliers
- Requirement for PPE
- Recognition of 'stored energy' as a potential hazard

For further information please contact **Ian Cairns** – National Safety Group Co-ordinator:
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