

ALERT TOPIC	Trailer A- Frame/Nose Drop Foot Crush Injury	ALERT REFERENCE:	CRL 220324
TARGET AUDIENCE:	Regional Managers, Site Managers Site Engineers and Supervisors Other interested people	AUTHORISED BY:	N Roper
DATE OF ISSUE:	Friday 22 March 2024	DISPLAY UNTIL:	Sept 2024

INTRODUCTION

A Subcontractor's employee recently suffered a serious foot injury after a trailer's A-Frame/Nose fell as he was hitching it to a vehicle.

The trailer was loaded with a Water Treatment Unit (Siltbuster/Kelly Tank).

The employee was preparing the trailer to enable it to be hitched to a towing vehicle the A-Frame/Nose fell to ground crushing the IP's left foot resulting in surgery and what is likely to be a significant recover period.

The investigation into the incident revealed a number of potential contributory causes;

- The trailer manufacturers say that they must be unloaded before unhitching/hitching.
- The SWL of the nose was significantly exceeded.
- Simulation of the incident indicated that the jockey wheel retaining screw/handle was not suitably tightened though the user manual did not state a method or torque.

It took several of his colleagues to lift the heavy trailer off his foot. This weight on his foot would have been increased with the displacement of the residual water within the tank.

Photos: Left – A-Frame/Nose on floor.

Right – Loaded trailer



REASON FOR ISSUING THIS ALERT

To inform people of the risks associated with hitching and unhitching trailers

CONCLUSIONS AND DISCUSSION POINTS

During the investigation it was discovered that the manufacturer's instructions informs the user that the trailer must not be hitched and unhitched when loaded.

Though the overall SWL of the trailer was not exceeded the SWL nose weight was significantly exceeded

SHEQ ALERT

Please review the content of the attached SHEQ Alert for relevance prior to communicating the contents to your site teams. Please record this review on the form below and retain in the CRL filing system:

SHEQ ALERT BRIEFING RECORD

ALERT TOPIC:	Trailer A- Frame/Nose Drop Foot Crush Injury	ALERT REFERENCE:	CRL 220324
PROJECT NAME:		DATE OF BRIEFING:	
BRIEFING DELIVERED BY:			

The following people have signed to confirm receipt and understanding of this SHEQ Alert:

NAME	EMPLOYER	EMPLOYEE ID	SIGNATURE

If you have any SHEQ issues that you wish to discuss, please contact your supervisor, line manager, or a member of the SHEQ team.