

HSE ALERT



This is a Thies Internal HSE Alert and should not be circulated externally without Australian Mining H&S Manager approval.

Incident: Failure of a Vehicle Support Stand during install of oil & diesel tanks on service truck.

Mine Site: Archerfield Workshop

Incident Date: 08.08.13

Classification: HPI

Description:

While preparing to install the front oil tank, which was approximately 300mm above the truck chassis, the left hand rear front vehicle support stand under wheel position 3 has failed causing the left hand rear of the service truck chassis to move sideways off the vehicle support stands away from the crane. For unknown reasons during the various lifts of the tanks onto the chassis, the service truck chassis has moved in a sideways motion to the left away from the crane, thereby placing side load on the left side rear front vehicle support stand, severely affecting it's structural integrity and causing it to fail.

Failed Support Stand under Wheel Pos 3



Failed section of the Support Stand



Injury/Damage:

No personnel injured – Minor plant damage to backing plates on brake drums.

Contributing Factors:

- Communication relating to the hazards & risks associated with lifting activities in the immediate work area for the day not conducted. No JSEA carried out for this work.
- Support stands were evaluated for load bearing capability but not for suitability, nor visually checked for damage. Physical location was not monitored during various stages of the rebuild.
- Workforce unaware of the different styles of vehicle support stands and their capabilities for different tasks in the workplace. Not 'fit for purpose' for the application.

Potential Hazards To Be Aware Of:

- Any side load placed on ratchet type support stands adversely affects their structural integrity.

Actions To Prevent Recurrence:

- Permanently remove all ratchet type support stands from all AM workplaces & reflect change in AM Prohibited & Restricted Items procedure and induction module.
- JSEA incorporated into lifting pre-planning when multiple tasks performed on the job.
- Pre-start meetings are to capture and communicate requirements for lifting activities at the start of each day.
- All sites to create a jack & vehicle support stand register & inspection regime in JDE MMA to manage all jacking & support stand equipment on-site.

Control Rating

1
4
4
7

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