

SAFETY ALERT

Department: Fixed Plant Maintenance

Location: L72 Stacker Conveyor

Incident Date: 17/05/2021

Incident Time: 12.18

Incident Number: INC-0162153

Safety Alert Title: Fallen Tail Drum Adjuster Frame

Fatal Hazard: 8. Lifting and Cranage

For "Other" describe:

Process Safety Management related Yes No

The incident involved: Employee Contractor:

Brief Description

A worker was assisting a fitter with removing and loading a tail drum adjuster frame onto forklift tynes. Unknown to the worker and the fitter (who were also spotters) and the forklift operator, the forklift tynes became wedged under the web of an I-Beam on the stacker conveyor frame.

As the forklift operator reversed and raised the load, the tyne sprung loose from under the I-Beam web and the impact of this movement has caused the load to become unbalanced. At the same time, the worker was walking away from the line of fire of the moving equipment and load, however was still in the danger zone. The load dislodged from the movement of the tynes and has resulted in the tail drum adjuster frame falling from the tynes and contacting the worker on the left-hand side of his face, just below the cheek bone.



Key Learnings

- Ensure workers are not in the line of fire where there is potential for loads to fall.
- Positive communication must be maintained between spotters, workers and equipment operators at all times.
- Reinforce the importance of adequate task planning prior to the job, including developing and updated JSEAs correctly for all tasks, to ensure all hazards are identified and controlled.

Corrective and Preventative Actions

1. Reinforce with the workgroup through toolbox talks:
 - Establishing danger zones to ensure personnel are not in lifting zones or around operating mobile equipment
 - Effective communications to ensure all personnel are clear of danger zones.
2. Reinforce the importance of stopping and reassessing the job if the task or situation changes and updating JSEA to ensure hazards are identified and controlled.
3. Conduct a Risk Assessment to determine Critical Controls for Pick and Carry tasks with consideration for securing loads and establishing danger zones.

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