



Suspended loads

Issued August 2017

Suspended loads need careful handling to prevent serious injury or fatality. A suspended load has the potential to not only drop straight down, but to swing and strike people who are not directly beneath it. It is important to conduct appropriate risk assessments for work associated with or near suspended loads.

This snapshot covers suspended load incidents for the period from 1 May 2016 to 30 April 2017.

For more information about occupational safety and health, visit our website www.dmirs.wa.gov.au

@DMIRS_WA

Department of Mines, Industry Regulation and Safety

Notifiable incidents by area

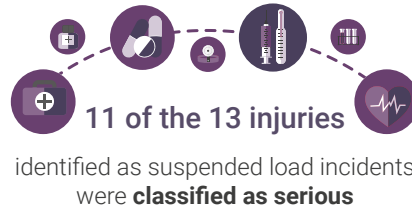
38 of the 39 notifiable incidents occurred during **surface operations**



Of the 38 surface incidents:

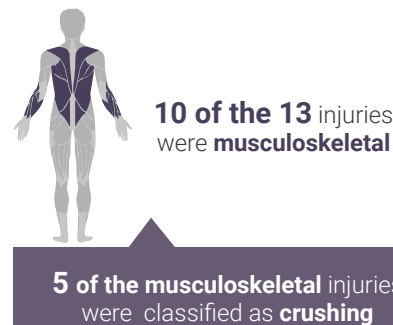


Injuries by severity

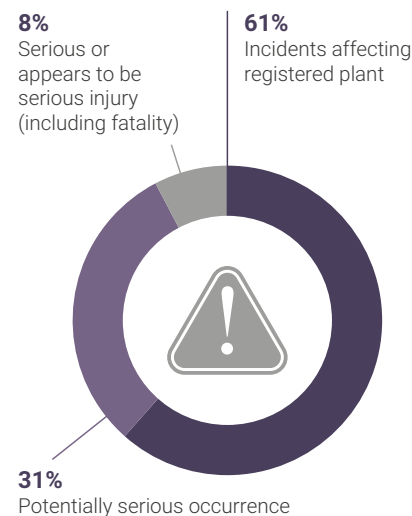


4 of the 11 injuries were **lost time injuries**

Injuries by nature



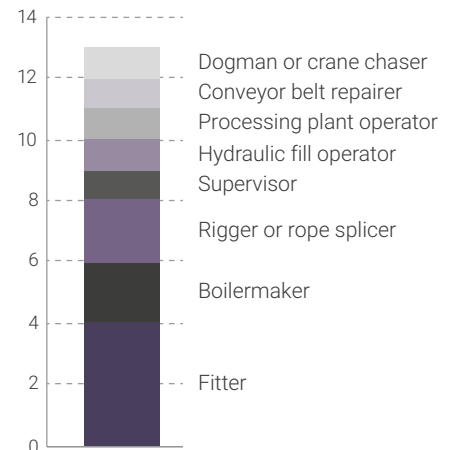
Notifiable incidents by reporting category



Injuries by employment type



Injuries by occupation



Notifiable incidents by description summary



Some recent incidents

Incidents affecting registered plant: Breakage of rope 30/04/2017

A processing operator was attempting to remove a rock from a bridged jaw crusher using an overhead gantry crane when the crane rope failed. The crane was tagged out of service pending assessment by suitably qualified repairers and an investigation commenced.

Serious or appears to be serious injury (including fatality): Crane incident 20/06/2016

A boilermaker was assisting a work crew who were rigging a wear plate for removal from the end of a screen using a crane. The boilermaker put weight on the unbolted plate which became unbalanced and tipped. The plate made contact with worker's forearm and hand, resulting in a hairline fracture to the index finger. Work ceased and the boilermaker was taken for treatment. After assessment by medical personnel, the individual was placed on restricted work duties.

Spotlight on Mines Safety Significant Incident Report No. 236

Near miss when a pick-and-carry crane rolls over

21 December 2015



Key message:

Always conduct a risk assessment, have a safe work plan and revisit if circumstances change.

KNOW YOUR HAZARDS

Are you aware of your workplace hazards?

Know Your Hazards is a video series produced by the Department for the resources industry. The series targets common workplace hazards that have injured or killed. Let's work together to reduce the risk of these accidents happening.



View or download our hazard awareness videos at www.dmp.wa.gov.au/HazardVideos

Spotlight on Mines Safety Significant Incident Report No. 194

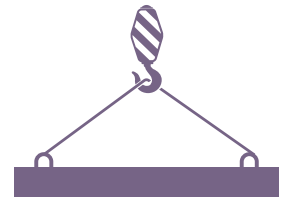
Crush injuries sustained from working with a suspended load – fatal accident

16 January 2014

Key message:

At shift handover, provide the incoming shift with sufficient information to continue the job safely.

Five ways to reduce the risk



Do not walk or work under a suspended load



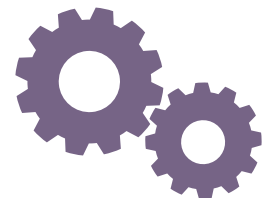
Thoroughly check every component of the rigging system to ensure it is fit for purpose



If you cannot see a way to do the job safely, stop the job and advise your supervisor



Work out who and what would be in the line of fire if something failed and do something about it



Do you know the stored energy hazards associated with the work you are doing? Identify and use adequate control measures