

HSE Alert No:

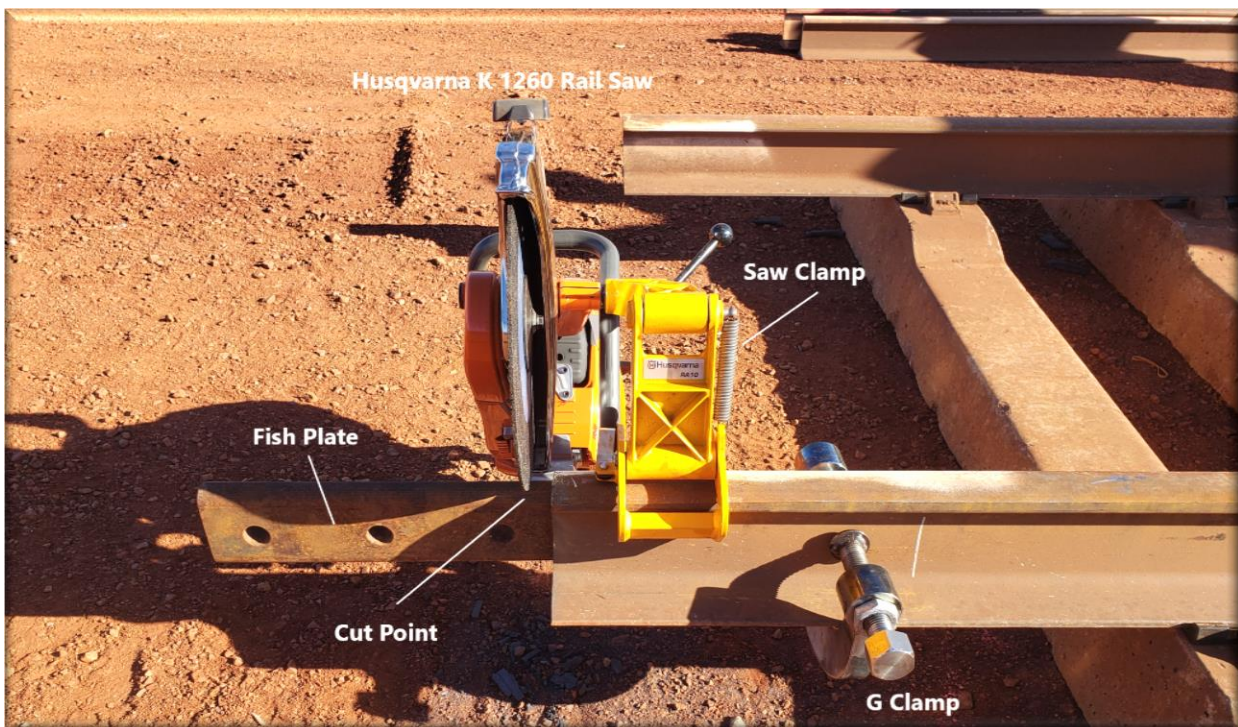
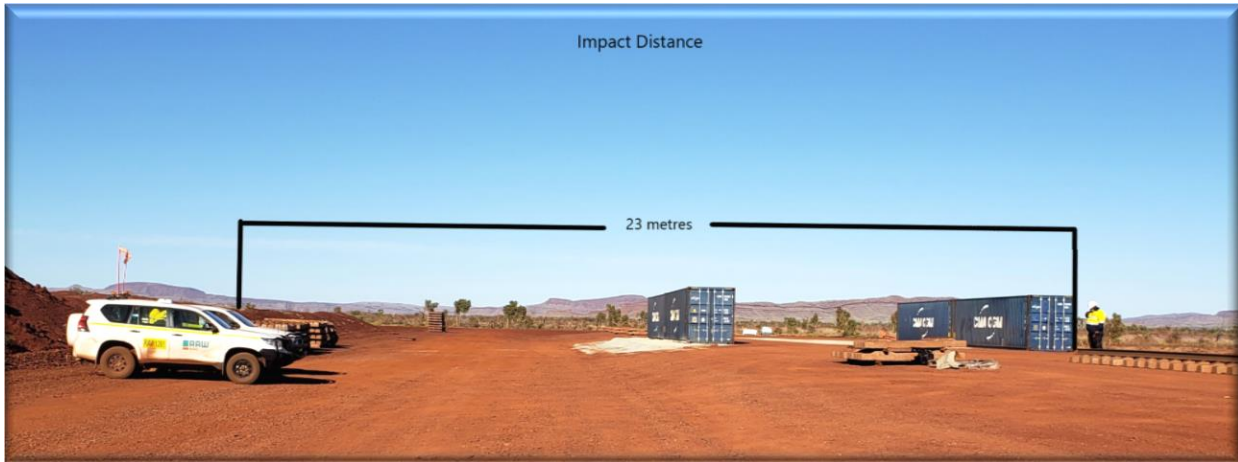
7617-01

Date of Issue:

26/08/2020

Description of Event/Issue:

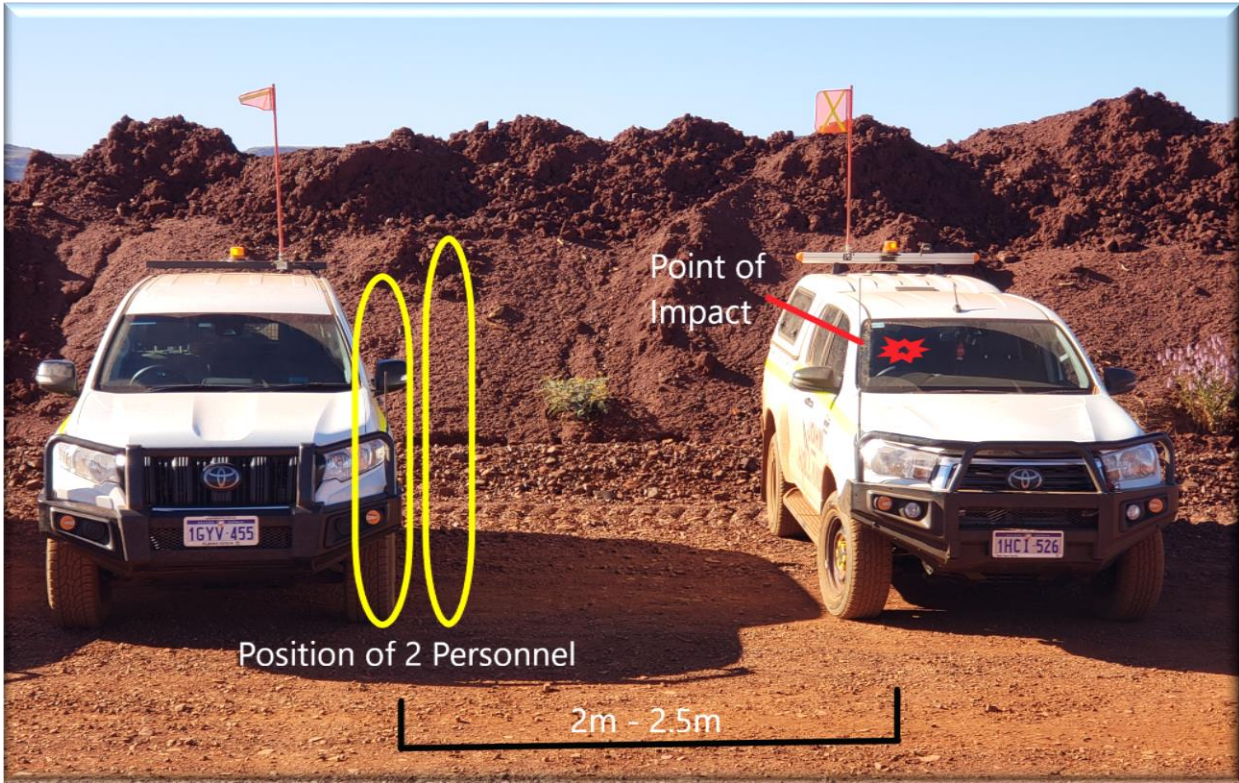
A fragment from a rail saw cutting disk that shattered whilst cutting a clamped fish plate, travelled approximately 23 metres forward of the rail saw impacting the driver's side windscreen of a Hilux Ute, parked across from the work area. There were two persons standing approximately 2m from the impact point.



Direct Cause(s) of Event/Issue:

During the cutting process, the cutting disc jammed in the cut piece resulting in the disc shattering.

The fragments were then deflected down towards the ground by the saw guard, where they ricocheted in an upward trajectory towards the vehicles parked 23m away, where they impacted the windscreen causing rotating scuff marks on the windshield.



Actions to Prevent Recurrence

Cutting of rail/metal under compression with a rail saw, increases the risk of the rail saw cutting blade jamming during the cutting process. It increases the risk of that disk shattering where rail is in compression (ie the actual rail temp is above the stress-free temp).

Cutting "fish plates" out of track with rail saws is now **prohibited** across the rail business.

The cutting of fish plates should be planned and undertaken by the following approved methods in order of best practice:

- 1) Cut by an Engineering firm in controlled workshop conditions;
- 2) Cut by oxygen/acetylene torch

Contact Person:	Andrew O'Brien	Approved by:	Kim Drew
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This HSE Alert Form is to be posted on all workplace notice boards and used by Supervisors as a subject for discussion at a "Toolbox Meeting".

Please Distribute to all Workplaces

This alert should be removed from Notice Boards by: _____

HSE Alert Template

HSE Alert No: <input type="text"/>	Date of Issue: <input type="text"/>
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Please analyse & communicate the above **HSE** alert to your workplace, complete the below form and file on site for future auditing purposes.

1. What date was this **HSE** Alert communicated to workplace: _____
2. Could this event occur in your area of responsibility at your project?
(Circle your Answer below)
YES - (Answer: Question 3, 4, & 5)
NO - (Answer: Question 6)
3. What control measures do you currently have in place that would eliminate the potential for an occurrence of this type (or similar) on your project?

4. Are these control measures sufficient to prevent or mitigate the risk of an Event of this type (or similar) described in the **HSE** Alert from occurring?
(Circle your Answer below)
YES or NO
5. If you have answered No to Question 4, please raise an Action Record listing the required actions and accountabilities and record the action number below
Action Record Number: _____
6. Please note the reasons why this event could not occur within your project?

Project Name: <input type="text"/>	Date: <input type="text"/>
Workplace Manager Name: <input type="text"/>	Signature: <input type="text"/>