TOOLBOX TALK: CHAIN SHOT

Toolbox talks are a great way to share important information that can keep your workers and business safe. Take a few minutes to read through this document with your staff and contractors.

A chain shot event occurs when broken piece/s of chain are ejected from the saw in the mechanical harvester or processing machine, usually due to incorrect use or lack of maintenance.

Chain shot normally happens in the drive end of the cutting system but can also come from the tip of the bar.

Saw chain pieces usually travel in the cutting plane of the guide bar but can deviate to either side (see illustrations).

There is risk of serious injury or death to the machine operator, ground personnel and bystanders from chain shot.

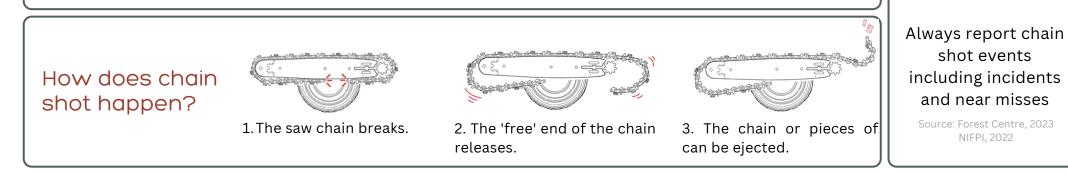
Machines and bystanders are at greater risk when they are are located within the 'chain shot zone'.

TQ Toolbox Talks

Ways to minimise chain shot risk

- Never use the saw when the Ensure saw bar is in line with the cab, or near others.
- conduct regular checks and maintenance on:
 - The chain
 - Chain guard
 - Chain catcher
 - Maintain chain tension
 - Chain speed and cutting pressures.
- Ensure correct margard (polycarbonate) is installed on the machine windscreen.
- Always keep cabs and doors Refer to the NIFPI Report for closed when operating.

- safe machine manufacturer settings are not tampered with.
- As per the machines manual, Ensure no one is located within the chain shot zone.
 - Other machines and bystanders to remain a minimum of 100m away.
 - Always cut as close to the ground as possible to reduce the distance that any potential ejected pieces could travel.
 - Avoid getting chain caught in understorey shrub.
 - further information.



For more information and other toolbox topics, visit www.gldnativeforestry.com.au

Chain shot

zone

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