

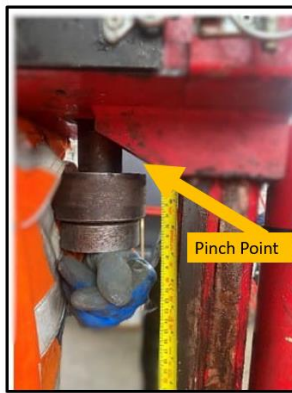


What happened?

During the use of dynamic sampling rig, the assistant driller was carrying another activity close to the operation. The hammer on the mast was approximately halfway down the mast when the lead driller took the decision to tighten the rod connector (drive dolly) up himself to save seconds of time in the absence of the assistant driller. While the lead drillers hand was placed on the top of the drive dolly, the operator used the rig control causing a pinch of his little finger. The driller sustained an open fracture to the tip of his little finger.



Hand placement



Pinch point



Extension piece



Findings?

Mechanical

- Inherent pinch point on the rig from the manufacturers

Human Failure

- Safe systems of work were momentarily bypassed by the team and IP (violation)
- Incorrect operation of the lever
- Saving time



Outcome and Lessons Learnt

- Always ensure any operation is carried out by a two-team person team
- Ensure lines of communication are agreed and implemented
- Ensure rig controls are never operated while body parts are in hazardous areas
- Identify pinch points and ensure the hierarchy of controls are adopted- extension piece put in to lower the drive dolly from the hammer (as pictured)