

SAFETY ALERT

Golani Quarry [ISRAEL] 01.01.2023

Employee TRI incident



RWI – Employee’s fingers caught in motor belt

DETAILS OF THE INCIDENT

Employee (quarry maintenance manager) was standing on the side, keeping an eye and looking on the maintenance team taking apart the motor belts from their position. One belt was stuck, and the manager decided to jump in and help to release the belt by pulling it with his hands.

He positioned his hands on the belt and very close to the belt rail and when started to pull his fingers were tangled and crushed between the belt and the rail. Employee was evacuated to hospital where 2 of his fingers were partially amputated.

KEY FINDINGS

- **LOTO-TO was applied** before the maintenance work started.
- **Permit to work** was filled before work started.
- Involved **employee is a very experienced** employee and managing the maintenance team on the quarry.
- Work was performed as a **short cut** and according to the manufacturer directions – the tension of the belts should have been released by using the designated releasing screws.
- Involved employee **didn't use the right PPE** – wasn't using gloves.
- Involved employee **did not perform Take 5**, he didn't stop and think and didn't identified the line of fire before taking action.
- There was a **lack of communication** between the team – the other maintenance team members didn't know their manager is going to step in and put his hands in the line of fire.

HOW COULD THIS HAVE BEEN AVOIDED?

- **Perform Take 5** – identify the risks and the line of fire before taking any action.
- Make sure you **don't take any short cuts** and work according to procedures and manufacturer instructions.
- **Let know other relevant personal** before you are going to enter their work environment.

KEY REVIEW POINTS

- Make sure all kind of operations are being done according to the manufacture's instruction and safety instructions.
- Take 5 together – Keep an eye on your peers and intervene if you see them in danger or not working according to the procedures.
- Take 5 – always **STOP & THINK** before acting.



Place where employee positioned his hands



Designated releasing screws

Look after yourself and each other

Don't let anyone act unsafely, always stop unsafe practices.

Personal Protective Equipment

Always wear the correct PPE.

Tools and Equipment

Use the right, well maintained, tools/ equipment for the job. Never make do.

Safe Systems

Follow safe systems of work, site rules, signage and traffic signals.



STOP THINK ACT