

LTI - CONTRACTOR - AGGREGATES LEVANTE – HIT WITH BUCKET MINILOADER/ 28-06-2022

INCIDENT DETAILS

The worker started the mini loader from outside of the cabin to warm it up the engine. His intention was to turn it off first, before getting in, sit in his seat in the cabin and then restart it with the engine already warm. However, the worker didn't realize that the engine was started before getting in the cabin, so when he tried to get into the cabin again, he accidentally pressed the lift arm pedal, raising the bucket instantly. Thus, the worker's body became trapped between the bucket and the structure of the cabin, causing serious injuries on his body.

KEY FINDINGS

- ✓ He used all PPEs.
- ✓ The worker has 11 years of experience in quarry, and he has training in the use of mini loaders, refreshed every 2 years.
- ✓ There was no hurry in the job.
- ✗ The mini loader did not have interlock system on the seat, only a fastening system.
- ✗ He started the mini loader from the outside of the cabin.
- ✗ He tried to access the interior of the mini loader while the machine was on.
- ✗ It's highly likely that this practice was not the first time for the operator
- ✗ The operator should not have left the mini-loader after starting the engine

HOW COULD THIS HAVE BEEN AVOIDED?

- Periodically refresh H&S mini-loader training.
- Regular safety training on risk perception and the line of fire



Upward Bucket Movement



ignition key location

KEY REVIEW POINTS:

- Check that the mobile machinery has an interlock system and that it is operational.
- Carry out the daily checklist prior to use. Never get in or out of a starting vehicle or mobile machinery. Apply the parking brake, if it applies, put the bucket on the ground; turns off the engine and remove the key from the ignition. Do not forget to place the 2 chocks on the corresponding wheels.
- Do not use a mobile vehicle/machinery unless trained and authorized in writing. Inform your superior if you take medications that are not recommended for use or cause drowsiness.



Tools and Equipment

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



Fit and Alert

Ensure you are fit to drive: hydrated, well rested, and free from the influence of alcohol and drugs.



Remember

– Your family depends on you. So drive to arrive safely at all times!



Look after yourself and each other

