

### Description of incident:

Electro-magnetic on magdrill accidentally turned off, which released the tool from its position and entrapped the operator's hand between the tool and bottom joining plate.

Poor ergonomic design of button controls enables an easy and mistaken pressing of the wrong button. Above each button is a symbol (left side a power symbol and right side a magnetic symbol), however, these do not represent the buttons directly below them.

**Immediate Cause:** Human Error - Pushing of the wrong button.

**Root Cause:** Poor design of equipment

**Good Practice:** Ensure equipment is selected with user ergonomics and familiarity with the equipment in mind.



Similar button design in motor power button and magnet power button. Power symbol and magnetic button symbols above not correct in indication for use.

## 7<sup>cs</sup> OF SAFETY

### COMPLACENCY

Workers may become too comfortable or familiar with equipment, assuming they can operate it without carefully reviewing controls.

This complacency could lead to neglecting safety checks or shortcuts, such as not double-checking buttons.

### Line of Fire

Keep yourself and others out of the line of fire



- I position myself to avoid:
  - moving objects
  - vehicles
  - pressure releases
  - dropped objects
- I establish and obey barriers and exclusion zones
- I take action to secure loose objects and report potential dropped objects