



## Grinder locked-on and unexpectedly started up when plugging in

### 1. What Happened?

A worker was electrical testing the workshop appliances. When plugging in a large grinder to test it, the grinder instantly started up and took off.

It was immediately unplugged by the worker, and upon inspection, found the lock-on switch for the trigger was locked into position, activating the grinder. In this instance, the worker had good practices, and ensured the grinder was put on the bench before plugging in.



### 2. What Did We Learn?

Different sizes and brands of grinders have different switching. While it would be considered good practice to not use lock-on switches while grinding, it can happen by accident, or for long durations of work.

Most grinders have lock-on switches and should be used by experienced and trained workers only. Become familiar with your tools switching and safety features before starting work.

Always ensure the switch is OFF when stopping and starting work.

In this event, we believe the grinder was initially used and tripped the RCD (which it was known to do occasionally). This would cause the user to unplug the grinder and potentially forget the lock-on switch was still on.