

## HSE Alert No. 04

**SAFETY**  
**IS THE KEY TO**  
**ACCIDENT FREE ENVIRONMENT**

### Medical Treatment Case - Grinder Accident

#### Background:

On 24th of May 2017 around 02:30 PM at Site Office area, during construction of newly fabricated office undertaken by the subcontractor, where a worker accidentally cut his left leg below the knee by the violently angle grinder rotating disc.

The accident occurred when injured person was on the ladder with a grinder to cut the steel frame on the ceiling for electrical cable to route through from the ceiling, however when he switched on the grinder it's not working, so he descended from the ladder and placed the grinder on top of same ladder on which he was working on to check the power supply connection, the moment he reconnected the plug properly the grinder energised and started rotating violently, consequently grinder fell from the top rung of ladder and injured IP from its rotating disc and IP sustained a cut near below the knee joint.

Immediately his co-workers contacted their team leader to report the accident, and injured person was brought to nearest Hospital for treatment.



#### Key Findings

- The grinder was not fitted with the deadman switch.
- The guarding of rotating disc was loosen and not properly fitted.
- User did not inspect the grinder prior to plugging it to power.
- No evidence of inspection on grinder by the competent person
- Grinder provided was not in good condition and defective.

#### Preventive Measures & Lesson Learnt

- Visual inspection must be conducted to all portable hand and power tools at site by competent person. Portable Appliance Test (PAT) shall be carried to all portable power tools before providing at site. Power tools without PAT sticker shall be removed from site.
- Only competent person must operate the power tools.
- Obtain hot work permit to all hot work activities (welding, cutting, grinding)
- Competent supervision, must remain available at site during the activities

*This alert shall be displayed on all HSE Notice Boards belongs to contractor and all subcontractors working on the Project.*