

Talk No. 10 – Abrasive Wheels

Reason for Talk

Abrasive wheels can kill if incorrectly fitted or used in correctly.

Main Points

General

- Burst Wheels
- Flying particles entering eyes
- Disc incorrectly fitted
- Injuries to limbs
- Inadequate access to workplace
- Unauthorised use of equipment

On Site Safety

- Concrete saws and angle grinders will be considered to be abrasive wheels.
- Any person who uses such a tool or who changes a wheel or disc on such a tool must be trained.
- Wheels should never be operated without guards in place. Operators should wear suitable personal protection especially for the eyes.
- The operator should carry out a visual check on the machine or tool prior to use. He should also check for loose plug connections or damage to the cable sheath and report any faults to his supervisor.
- Do not exert heavy pressure on the wheel.
- Reinforced wheels must always be used on hand held machines.
- Check that the max speed of the wheel is greater than the max spindle speed before fitting.
- Keep your fingers away from the cutting edge of the wheel.
- Eye & Ear protection MUST always be worn
- When mounting wheels or discs ensure that the maximum operating speed marked on the wheel is not exceeded.
- The wheel guard must be secured in position and properly adjusted before the wheel is run.
- Grinding on the side of straight sided wheels, used for off hand grinding, is dangerous particularly when they are appreciably worn or when sudden pressure is applied.
- Loose clothing must not be worn by the operator.
- Make sure that other personnel are clear of the area in which you are working.
- Run a replacement wheel for a full minute before attempting to use it.

The presenter should outline / reiterate the site specific requirements of this particular site with regard to;

Questions

Presenter should request any questions from the audience

MAIN POINT FROM THIS SESSION

TRAINING IS REQUIRED TO USE ABRASIVE WHEELS

