



ABRASIVE WHEELS TOOLBOX TALK

Preparation:	Choose a suitable location with minimum distraction. Remember visual aids where appropriate.
Why:	Most accidents involving abrasive wheels are due to the wrong type of wheel being fitted.
Purpose:	This talk will cover precautions to be taken when using portable and bench-mounted abrasive wheels.

Precautions

1. The speed of the machine must not exceed the maximum permissible speed of the wheel. Many accidents are caused by the wheel over-speeding.
2. Don't exert heavy pressure on the wheel.
3. Never use the side of the wheel.
4. Keep your fingers away from the cutting edge of the wheel.
5. Ear and eye protection must always be worn.

Using portable abrasive wheels

1. Don't mount an abrasive wheel unless authorised in writing and trained to do so.
2. Only use reinforced discs on hand-held machines.
3. Check that the maximum wheel speed is greater than the maximum spindle speed before fitting.
4. Ensure the disc is compatible with the material you are cutting
5. Adjust the guard to expose the minimum wheel surface necessary for the operation.
6. Be aware of other workers in your area, don't put them at risk by your actions.
7. If petrol driven, refuel when cool. Have a spill kit handy.

Using bench-mounted abrasive wheels

1. Adjust the tool rest as close as possible to face of wheel.
2. Keep the glass screen in the safety position.
3. Keep your fingers below the tool rest level.
4. Use the correct grade of wheel for the work in hand.
5. Keep the face of the wheel evenly dressed.
6. After fitting, run a replacement wheel for a full minute before attempting to use it. Stand clear during the test.
7. Stop the wheel when not in use by removing the power.

Do you have any questions?

- **What must be worn when using abrasive wheels?**
- **Which part of a wheel should not be used?**
- **Who should mount and adjust abrasive wheels?**

REMEMBER ABRASIVE WHEELS MUST ONLY BE FITTED BY A TRAINED AND COMPETENT PERSON.