

# Abrasive Wheels

## Overview

This document covers general precautions when using portable and bench-mounted abrasive wheels and floor-mounted woodworking machines.

## General precautions

- 1) The speed of the machine must not exceed the maximum permissible speed of the wheel. Many accidents are caused by the wheel overspeeding.
- 2) Don't mount an abrasive wheel unless you are authorised in writing and trained to do so.
- 3) Don't exert heavy pressure on the wheel.
- 4) Never use the side of the wheel unless it is designed for it.
- 5) Hearing and eye protection must always be worn.
- 6) Where practical use wet cutting to reduce dust.

## Safe use of portable abrasive wheels

- 1) Only use reinforced discs on hand-held machines.
- 2) Adjust the guard to expose the minimum wheel surface necessary for the operations.
- 3) Be aware of the other workers in your area and don't put them at risk by your actions.
- 4) Never use the side of the wheel unless it is designed for it.
- 5) Hearing and eye protection must always be worn.
- 6) Where practical use wet cutting to reduce dust.

## Safe use of bench-mounted abrasive wheels

- 1) Adjust the tool rest as close as possible to the face of the wheel and keep the glass screen in the safety position.
- 2) Keep your fingers below the tool rest level.
- 3) Use the correct grade of wheel for the work in hand.
- 4) Keep the face of the wheel evenly dressed and don't use the side of the wheel.
- 5) Air fitting, run a replacement wheel for a full minute before attempting to use it. Stand clear during the test.
- 6) Stop the wheel when not in use.
- 7) It is likely that RPE or extraction will be necessary.

## Health and safety

Always make sure hearing and eye protection must always be worn. If RPE or extraction please use if necessary.

## Summary

## TOOL BOX TALK RECORD

[illegible]

# Abrasive Wheels

Feedback arising from Talk



Trinity  
Safety