



Key Legislation: **Provision and Use of Work Equipment Regulations 1998 (PUWER)**

KEY STATISTICS



50+

Workers killed by abrasive wheel accidents per decade



70%

Of accidents caused by incorrect



£250K

Average cost of a serious abrasive



90%

Of accidents preventable with proper

LEARNING OBJECTIVES



Understand the legal requirements under PUWER 1998 for abrasive wheels



Identify the different types of abrasive wheels and their applications



Perform the ring test to check wheel integrity before mounting



Mount abrasive wheels correctly and safely

STEP-BY-STEP GUIDE

1

Inspect

Ring test — tap wheel gently, clear ring = sound wheel, dull thud = reject

2

Check Compatibility

Verify wheel speed rating exceeds machine spindle speed

3

Mount Correctly

Clean flanges, use blotting paper washers, hand-tighten only

4

Guard

Ensure all guards are correctly fitted before starting

