

Abrasive Wheels — Practical Assessment Record

Carried out on YOUR machines, on YOUR site. This is the familiarisation stage.

Candidate: _____ Employer: _____

Machine(s) assessed on: _____

Assessor: _____ Date: _____

Mark each item Competent or Not Yet Competent. Any 'Not Yet Competent' means the candidate is not authorised and must be re-trained on that point and reassessed.

Section A — Pre-use checks

#	The candidate can...	C / NYC	Assessor notes
A1	Identify the wheel type and confirm it suits the material and machine		
A2	Locate and read the maximum operating speed on the wheel		
A3	Locate and read the spindle speed on the machine and compare the two correctly		
A4	Inspect a wheel for cracks, chips and damage and reach the right decision		
A5	Check a resin bonded disc for its expiry date		
A6	Confirm the guard is present, secure and correctly positioned		

Section B — Mounting (authorised mounters only)

#	The candidate can...	C / NYC	Assessor notes
B1	Isolate the machine correctly before starting		
B2	Perform a ring test correctly and interpret the result		
B3	Explain which wheels cannot be ring tested and why		
B4	Check bore fit without forcing or boring out		
B5	Fit blotters and correct matched flanges		
B6	Tighten correctly without overtightening		

B7	Refit and adjust the guard		
B8	Set the work rest to 3mm or less with the wheel stationary		
B9	Set the tongue guard to 6mm or less		
B10	Run the machine for one minute standing clear of the line of the wheel		

Section C — Safe use

#	The candidate can...	C / NYC	Assessor notes
C1	Select and wear correct PPE, and confirm others in the area are protected		
C2	Clamp or secure the workpiece appropriately		
C3	Adopt correct body position out of the line of the wheel		
C4	Apply correct pressure without forcing the wheel		
C5	Use a cutting disc and a grinding disc for their correct purpose		
C6	Set up and use dust control appropriate to the material		
C7	Allow the wheel to run down without braking it		
C8	Describe their vibration exposure limits and break pattern		
C9	State the circumstances in which they must stop work		
C10	Leave the machine and area in a safe and clean condition		

Assessment decision

All items Competent? YES / NO **Authorised to USE? YES / NO** **Authorised to MOUNT? YES / NO**

Where the outcome is Not Yet Competent, record the re-training required and the reassessment date:

Candidate signature	Assessor signature	Date	Reassessment due
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Scope and limitations — read before use

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