

ASSESSMENT RECORDS — ABRASIVE WHEELS

Candidate signature set (complete in ink)

Field	Entry
Candidate	
Assessment date(s)	
Machine(s) used (bench/pedestal grinder, angle grinder, cut-off saw)	
Authorised to change wheels? (Y/N)	
Site / area and conditions	

1. Topic knowledge & understanding — sign-off record

The assessor has questioned the candidate against the topic knowledge bank; responses met the required standard for each topic signed below.

Topic	Candidate signature	Assessor / date
1. Legal duties and principal hazards (PUWER 98, COSHH, hazard identification)		
2. Wheel selection, inspection, ring test and correct mounting		
3. Guarding, work-rest adjustment and safe operating technique		
4. PPE, dust/silica control, noise and fire precautions		
5. Storage, care, defect reporting and maintenance		

2. Technical theory test — marking record

Field	Entry
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Date	
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Delivery method (verbal / written)	
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Questions answered correctly (of 35)	
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Safety-critical questions all correct? (Y/N)	
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Result (Pass / Refer)	
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Re-sit details (if any)	
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Candidate signature		
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Assessor signature		
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Date		
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3. Practical assessment

Mark each criterion C (competent) or NYC (not yet competent). ANY dangerous act terminates the assessment (automatic refer). All criteria must reach C.

Exercise 1 — Pre-use inspection and wheel selection

Observed performance criterion	C	NYC
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Selects correct wheel type, size and bore for the machine and task		
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Checks wheel maximum permissible speed against machine spindle speed		
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Carries out visual inspection for damage before use		
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Confirms guard fitted, secure and correctly adjusted		
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Confirms work-rest gap within 3 mm (bench/pedestal grinder)		
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Exercise 2 — Ring test and mounting a wheel (where candidate is being authorised to change wheels)

Observed performance criterion	C	NYC
Isolates the machine before changing the wheel		
Carries out the ring test correctly and interprets the result		
Fits flanges, blotters and bush correctly and evenly		
Tightens clamping nut to correct torque, not over-tightened		
Carries out running-in period standing clear of the plane of rotation		

Exercise 3 — Safe grinding/cutting technique

Observed performance criterion	C	NYC
Wears correct PPE (eye/face protection, RPE, hearing protection as required)		
Positions body clear of the potential kickback/burst line		
Applies work to the wheel without forcing or side-loading a straight wheel		
Secures/clamps workpiece correctly before starting		
Maintains safe control of the machine throughout the task		

Exercise 4 — Shutdown, storage and reporting

Observed performance criterion	C	NYC
Machine correctly isolated/shut down after use		
Wheel/machine area left clean and safe		
Damaged wheel correctly identified, withdrawn from use and reported		
Wheels stored flat/racked, dry and undamaged		

Overall practical decision

Decision

All exercises competent (Y/N)

Referred exercises and reason

Re-assessment arrangements

Detail

Candidate signature

Assessor signature

Date

4. Certification decision

All five topics signed off (section 1)

Theory test passed — 28/35 (section 2)

Practical assessment competent in all exercises (section 3)

I confirm the above are complete and award the Abrasive Wheels competence certificate. Certificate issued: Award only (this is not a Certificate of Unit Credit scheme).

Assessor name & signature

Candidate signature

Date