



Name: _____ Date: _____ Score: _____ / 8

CIRCLE THE CORRECT ANSWER FOR EACH QUESTION

- Q1. What is the ring test?**
- A. A test of the machine's electrical safety
 - B. Tapping the wheel gently with a non-metallic object to check for cracks — a clear ring indicates a sound wheel
 - C. A test of the guard's integrity
 - D. A speed test for the machine

- Q2. What must you check before mounting an abrasive wheel?**
- A. The machine's age
 - B. That the wheel's maximum operating speed exceeds the machine's spindle speed
 - C. The wheel's colour
 - D. The machine's brand

- Q3. What should be used between the flanges and the wheel?**
- A. Metal washers
 - B. Rubber gaskets
 - C. Blotting paper washers
 - D. Nothing — direct contact is required

- Q4. How should the nut be tightened when mounting an abrasive wheel?**
- A. As tight as possible with a spanner
 - B. By hand only — never use excessive force
 - C. With a torque wrench to a specified setting
 - D. With a hammer

- Q5. What should you do if a wheel produces a dull thud during the ring test?**
- A. Use it carefully
 - B. Discard the wheel — it may be cracked
 - C. Use it for light work only
 - D. Report it and continue using it

- Q6. For how long should a new wheel be run before use?**
- A. 30 seconds
 - B. 1 minute
 - C. 5 minutes
 - D. 10 minutes

- Q7. What PPE is required when using abrasive wheels?**
- A. Hard hat only
 - B. Eye protection and face shield, hearing protection, gloves
 - C. Gloves only
 - D. Hi-visibility vest

- Q8. What is the most common cause of abrasive wheel accidents?**
- A. Wheel breakage during use
 - B. Incorrect mounting
 - C. Inadequate PPE
 - D. Machine malfunction

Answer Key (Trainer Use Only): Q1:B Q2:B Q3:C Q4:B
Q5:B Q6:B Q7:B Q8:B