Assessment

MIG WELDING SAFETY AND TECHNIQUE

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ASSESSMENT – MIG WELDING: SAFETY AND TECHNIQUE

Name: ..........................................................

Date: ..........................................................

I.D. (if applicable): ..........................................

Score

1. Which of these is not an example of MIG welding joint?
   a) Fillet
   b) Square edge butt joint
   c) Undercut
   d) Single v butt

2. Which of these is an important piece of welding personal protective equipment?
   a) Welding shield
   b) Leather gloves
   c) Apron
   d) All of the above

3. On a MIG welding machine, the flexible conduit does not carry which of these to the welding gun?
   a) Current
   b) Flux
   c) Wire
   d) Gas

4. MIG Welding in excessively hot environments can lead to fainting, exhaustion and heat ________
   a) Waves
   b) Stress
   c) Reduction
   d) None of the above
5. What is one of the most common and serious risks to the eyes of a MIG welder?
   a) There are no risks to the eyes
   b) Arc flash or arc eye
   c) Tiredness
   d) Blinking

6. When is it acceptable to establish an Arc without a shield or welding helmet?
   a) Never
   b) Whenever you feel it’s safe
   c) Only when you can’t see the work properly
   d) Only if the electrode is brand new

7. What is the name of a common shielding gas used in MIG Welding?
   a) Carbon Monoxide
   b) Argon
   c) Oxygen
   d) Nitrogen

8. Which of these is not an acceptable way of cleaning metal prior to MIG welding?
   a) Wire brushing
   b) Sand blasting
   c) Soaking the metal with water
   d) Disc grinding

9. Can less PPE be worn while welding in summer conditions?
   a) Yes
   b) No
   c) It is up to your supervisor
   d) It depends on the temperature

10. What should you use if you’re welding in an environment that is not well-ventilated?
    a) Water
    b) A different welding type
    c) A short welding schedule
    d) A fume extractor and/or a respirator