

(These items were developed by teachers for the Technical Skills Assessment. Below is a sample item for each program standard.)

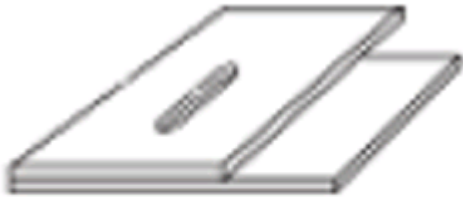
Question 1 of 9

What data is included on a safety data sheet?

- A) Expiration date of the substance
- B) Manufacturer's recommended product substitutions
- C) Net weight criteria for packaging the container
- D) Possible hazards of the substance

Question 2 of 9

Which weld does the image represent?



- A) Seam
- B) Stud
- C) Spot
- D) Slot

Question 3 of 9

What is ONE method for striking an arc in the SMAW process?

- A) Hammering
- B) Tapping
- C) Lifting
- D) Touching

Question 4 of 9

What welding current is MOST COMMONLY used for the GMAW process?

- A) AC
- B) DCEN
- C) DCEP
- D) Rising Arc Voltage

Question 5 of 9

What is the PROPER designation for a groove weld made in the vertical position?

- A) 1G
- B) 2G
- C) 3F
- D) 3G

Question 6 of 9

Ceramic nozzles are the MOST COMMONLY used consumable for GTAW. What other material can replace the ceramic nozzle?

- A) Copper nozzle
- B) Polycarbonate nozzle
- C) Pyrex nozzle
- D) Spray nozzle

Question 7 of 9

What is an indicator of the quality of an oxyfuel cut?

- A) Drag lines
- B) Alloy
- C) Ferrous
- D) Non-ferrous

Question 8 of 9

What weld defect is characterized by a jagged separation in the weld metal or the base metal?

- A) Porosity
- B) Inclusions
- C) Crack
- D) Incomplete fusion

Question 9 of 9

What CANNOT be used to hold aluminum in position for welding?

- A) Bar clamps
- B) Magnets
- C) C-clamps
- D) Weights

Welding Technologies Sample Test Answer Key

| Question | Answer |
|-----------------|---------------|
| 1. | D |
| 2. | D |
| 3. | B |
| 4. | C |
| 5. | D |
| 6. | C |
| 7. | A |
| 8. | C |
| 9. | B |