Unit 13 - Week 11

Assignment 11

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1. In Electro-deposited welding, as is虱 stuck to:
   - melt the flux
   - create molten pool
   - are the main steps in order to face interface resistance
   - fuse the electrodes with base metal.

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - melt the flux
   - create molten pool

2. Electrosol welding is primarily used for the welding of:
   - construction thin sheet metal
   - thin section sides
   - cast iron and cast steel components

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - thin section sides
   - cast iron and cast steel components

3. Manual welding stands for:
   - MAGAZINE: Inert Gas Flue Filling
   - MIG: MAGAZINE Inert Gas Fume Filling
   - TIG: TUNGSTEN Inert Gas Fume Filling

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - MAGAZINE: Inert Gas Flue Filling
   - TIG: TUNGSTEN Inert Gas Fume Filling

4. Abrasive-water welding is generally used for:
   - steels
   - copper and its alloys
   - gold jewelry

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - steels
   - copper and its alloys

5. Which one of the following elements is used to produce heat in thermal welding?
   - PA
   - CO
   - AI
   - AO

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - AO

6. In the ELOS welding, aluminum is commonly used to weld:
   - iron in space
   - weld crystalline alloys for cardiovascular applications
   - very thin sections used for heavy construction in vertical position
   - gas transportation pipe

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - very thin sections used for heavy construction in vertical position

7. Friction stir welding is valuable for hardening aluminum alloys because of:
   - high tool wear
   - slightly increased significantly with slight increase in temperature
   - absence of tool cooling during welding
   - low tool wear

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - slightly increased significantly with slight increase in temperature

8. In friction welding, interfacial coalescence is achieved:
   - in liquid state
   - solid state
   - at room temperature
   - in inert atmosphere

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - in inert atmosphere

9. In friction welding:
   - hardness of the tool is always higher than base metal
   - base metal hardness is always higher than tool
   - tool and base metal a series of form composition
   - tool gets consumed by friction forces to make a joint

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - hardness of the tool is always higher than base metal

10. Which of the following parameter is not relevant for welding of aluminum alloys using friction stir welding?
   - tool rotational speed
   - tool profile
   - melting point of aluminum
   - shoulder profile

   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - shoulder profile

Due on 2020-04-15, 23:59 BST.