Unit 10 - Week 8: Different Types of Welding Process and Details Part-2

Assessment 08

Due on 2023-03-25, 23:58 IST.

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

1) Not chromate can be prevented by __________
   - Filler coating
   - Non-aromatic base
   - Pre heating
   - Post reflecting
   - None of the above
   
2) Which of the following defect occur when the metal does not extend to the required depth at the root of weld party?
   - Instability of slag
   - Inadequate penetration
   - Overlap
   - Porosity
   - None of the above

3) Power source preferable in MAG welding process is
   - Constant voltage power supply in DCP mode
   - Constant current power supply in DCP mode
   - Constant voltage power supply in DCCP mode
   - Constant current power supply in DCCP mode
   - None of the above

4) Which one of the following characteristics is true for Submerged Arc Welding?
   - Electrode consumables: Thermal Insulator, flux: Efficiency around 96%
   - Electrode consumables: Thermal Insulator, flux: Efficiency around 91%
   - Electrode consumables: Thermal Insulator, flux: Efficiency around 59%
   - Electrode consumables: Thermal Insulator, flux: Efficiency around 61%
   - Electrode consumables: Thermal Insulator, flux: Efficiency around 90%

5) Which of the following defect occur due to the excessive contamination from grease or atmosphere entrainment during cooling of molten metal in weld joint?
   - Instability of slag
   - Inadequate penetration
   - Incomplete fusion
   - Porosity
   - None of the above

6) Which of the following value of UCS value (Unit of cracking susceptibility) is generally acceptable for good weld?
   - More than 20
   - Less than 20
   - Equal to 50
   - More than 50
   - None of the above

7) A depression left at the termination of the weld where the weld pool is left unformed is called
   - Undercut
   - Incomplete fusion
   - Incomplete fusion
   - None of the above
   - Underfill

8) To get deeper penetration by GMAW
   - Electrode orientation is generally back hand with a drag angle
   - Electrode orientation is generally back hand with a drag angle
   - Electrode orientation is generally perpendicular to the workpiece
   - None of the above
   - None of the above

9) MSG welding process uses
   - Consumable electrodes & DC power supply
   - Consumable electrodes & AC power supply
   - Non-consumable electrodes & DC power supply
   - Non-consumable electrodes & AC power supply
   - None of the above

10) Welding process which uses metal flux for protection of the weld metal from the atmospheric gases is
    - GTAW
    - Oxyacetylene
    - SMAW
    - Oxy-fuel gas welding
    - None of the above

11) Consumable electrodes & DC power supply
    - GTAW
    - SMAW
    - Oxyacetylene