Mock Test

Metal Inert Gas Metal Active Gas Gas Metal Arc Welder MIG MAG GMAW Optional Flux cored Arc Welder SemiAutomatic

Version- 4.0

Level- 4

CSC/N1335. Follow the Health and Safety Practices at the Work

Q1. Which PPE is essential to prevent arc flash injuries during welding? (5 Marks)

A. Ear plugs
B. Welding helmet shield
C. Steel toe boots
D. Safety gloves

Q2. How can a welder reduce the risk of fire in the workplace? (5 Marks)

A. Keep flammable materials away
B. Work near combustibles
C. Skip grounding checks
D. Increase welding voltage

Q3. What is the best practice to maintain proper ventilation during welding? (6 Marks)

A. Ignore smoke accumulation
B. Open welding curtains
C. Use local exhaust system
D. Work in confined spaces

Q4. How should electrical hazards be minimized during MIG/MAG welding? (6 Marks)

A. Inspect cables regularly
B. Wear casual clothing
C. Touch live wires
D. Use wet gloves

Q5. What is the correct procedure for handling gas cylinders safely? (8 Marks)

A. Lay cylinders horizontally
B. Secure upright position
C. Open valve fully at once
D. Store near heat source

CSC/N0209. Manually Weld Metals by Using MIG/MAG Welding

Q6. Which technique ensures proper bead penetration during MIG welding? (5 Marks)

A. Move torch randomly
B. Use excessive wire feed
C. Increase voltage excessively
D. Maintain correct travel speed

Q7. How can a welder prevent porosity in the weld joint? (5 Marks)

A. Skip surface cleaning
B. Weld in drafty area
C. Ensure proper shielding gas
D. Remove metal oxide

Q8. What technique minimizes spatter formation during manual MIG or MAG welding tasks? (6 Marks)

A. Push torch incorrectly
B. Use excessive voltage
C. Disturb gas coverage
D. Maintain short stickout

Q9. How can spatter be minimized during MIG welding? (6 Marks)

A. Adjust voltage and wire feed
B. Avoid gas flow
C. Increase torch distance randomly
D. Use dry electrodes only

Q10. Which practice improves weld consistency on thin metal sheets? (8 Marks)

A. Drag the torch aggressively
B. Skip backing support
C. Use pulse welding mode
D. Apply excessive current

CSC/N0201. Manually Cut Metal and Metal Alloys Using Oxy-Fuel Gas

Q11. Which procedure ensures safe oxy-fuel cutting of metals? (5 Marks)

A. Check regulator settings
B. Ignore leak inspection
C. Remove safety goggles
D. Open cylinder fully

Q12. How can accurate metal cutting be achieved manually? (5 Marks)

A. Cut without guide
B. Maintain correct torch angle
C. Move torch randomly
D. Use excessive oxygen

Q13. What is the best practice to prevent flashback during cutting? (6 Marks)

A. Leave cylinder open
B. Keep torch idle
C. Increase oxygen pressure
D. Use flashback arrestor

Q14. How can slag formation be minimized during oxy-fuel cutting? (6 Marks)

A. Increase flame temperature excessively
B. Adjust preheat and cutting speed
C. Skip metal cleaning
D. Reduce gas flow randomly

Q15. Which action protects the operator from sparks and molten metal? (8 Marks)

A. Wear flame-resistant clothing
B. Use cotton shirt only
C. Ignore surrounding flammables
D. Stand directly above cut

CSC/N0207. Manually Cut Metal Material Using Plasma Arc

Q16. Which factor ensures precise plasma arc cutting of metal? (5 Marks)

A. Move torch inconsistently
B. Skip metal cleaning
C. Maintain correct arc height
D. Increase air pressure randomly

Q17. How can operator safety be ensured during plasma cutting? (5 Marks)

A. Wear protective gear
B. Stand directly overhead
C. Use regular clothing
D. Ignore sparks direction

Q18. What improves edge quality when cutting thick metal sheets? (6 Marks)

A. Move torch erratically
B. Adjust travel speed
C. Increase arc length excessively
D. Use low amperage only

Q19. How is dross formation minimized in plasma cutting? (6 Marks)

A. Skip surface prep
B. Keep torch static
C. Optimize cutting speed
D. Increase arc voltage excessively

Q20. Which step prevents torch damage during manual plasma cutting? (8 Marks)

A. Check consumables regularly
B. Increase air pressure beyond limit
C. Use worn nozzle
D. Skip electrode inspection

DGT/VSQ/N0101. Employability Skills (30 Hours)

Q21. Which skill helps welders resolve complex operational issues effectively? (3 Marks)

A. Work overtime willingly
B. Maintain welding equipment
C. Follow written instructions
D. Critical thinking ability

Q22. How does teamwork improve welding workshop productivity? (3 Marks)

A. Coordinate with colleagues
B. Work independently only
C. Reduced team communication
D. Focus solely on own task

Q23. Why is time management important for a welder? (4.5 Marks)

A. Spend long breaks
B. Delay task completion
C. Avoid planning workflow
D. Meet production deadlines

Q24. How can welders demonstrate professionalism at the workplace? (4.5 Marks)

A. Follow safety protocols
B. Use appropriate PPE
C. Respect team members
D. Take personal calls

Q25. Why is continuous learning critical in welding careers? (5 Marks)

A. Limits professional growth
B. Creates unnecessary stress
C. Update technical skills
D. Ignore skill gaps

CSC/N0205. Perform Semi-Automatic Flux Cored Arc Welding (FCAW) Process to Prepare Joints

Q26. Which step ensures proper fusion when performing semi-automatic FCAW welding on thicker joints? (5 Marks)

A. Maintain correct heat
B. Reduce travel speed
C. Random wire feeding
D. Improper torch angle

Q27. How can slag inclusions be minimized during FCAW welding? (5 Marks)

A. Move torch inconsistently
B. Adjust welding parameters
C. Ignore surface prep
D. Use low-quality flux wire

Q28. Which adjustment ensures stable arc performance when welding structural joints using FCAW? (6 Marks)

A. Excessively long arc
B. Lower shielding flow
C. Incorrect polarity setup
D. Set proper voltage

Q29. How can a welder ensure uniform bead appearance in FCAW welding? (6 Marks)

A. Use inconsistent voltage
B. Maintain steady travel speed
C. Skip joint alignment
D. Vary arc length randomly

Q30. Which practice prevents porosity in semi-automatic FCAW welds? (8 Marks)

A. Overheat base metal
B. Hold torch too close
C. Use proper shielding gas
D. Increase amperage excessively