Mock Test

Manual Metal Arc Welding Shielded
Version- 4.0
Level- 3

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

Q1. What is the main reason for ensuring proper earthing before welding? (4 Marks)

A. Reduce welding speed
B. Prevent electric shock
C. Limit electrode size
D. Increase heat output

Q2. Why should welding cables be inspected before starting the job? (4 Marks)

A. Improve cable colour
B. Reduce cable weight
C. Identify cable damage
D. Increase cable length

Q3. What is essential for preventing fumes inhalation during SMAW? (4 Marks)

A. Stand against airflow
B. Avoid using masks
C. Weld in closed spaces
D. Use adequate ventilation

Q4. Why must flammable items be removed from the welding area? (5 Marks)

A. Improve weld colour
B. Increase arc spread
C. Prevent fire hazards
D. Reduce metal sparks

Q5. Why is correct PPE mandatory during manual metal arc welding? (5 Marks)

A. Reduce workflow time
B. Increase metal cooling
C. Improve weld shine
D. Protect against injuries

Q6. What helps prevent burns while handling hot welded joints? (8 Marks)

A. Touch with bare hands
B. Dip in cold oil

C. Work without tools
D. Use proper gloves

CSC/N1336. Coordinate with Coworkers to Achieve Work Efficiency

Q7. What helps welders complete tasks efficiently in a team environment? (4 Marks)

A. Working in isolation
B. Sharing work updates
C. Ignoring team plans
D. Avoiding communication

Q8. Why is it important to clarify job instructions with coworkers before welding? (4 Marks)

A. Increase rework chances
B. Delay work progress
C. Avoid task confusion
D. Reduce teamwork quality

Q9. What supports smooth workflow during welding operations? (4 Marks)

A. Changing tasks randomly
B. Ignoring work schedules
C. Following task sequence
D. Skipping handover notes

Q10. Why should welders coordinate material requirements in advance? (5 Marks)

A. Increase storage issues
B. Prevent material shortages
C. Reduce job clarity
D. Delay welding output

Q11. How can welders build trust with coworkers on the shop floor? (5 Marks)

A. Helping when needed
B. Avoiding teamwork
C. Withholding information
D. Blaming team errors

Q12. What ensures better task allocation among welding team members? (8 Marks)

A. Ignoring strengths
B. Overlapping responsibilities
C. Clear role division
D. Random task sharing

CSC/N0201. Manually Cut Metal and Metal Alloys Using Oxyfuel Gas

Q13. What is the purpose of adjusting the oxygen and fuel gas ratio? (4 Marks)

A. Avoid flame visibility
B. Obtain proper flame
C. Slow down cutting
D. Reduce cut length

Q14. Why should personal protective equipment (PPE) be worn during oxyfuel cutting? (4 Marks)

A. Protect against sparks and heat
B. Avoid metal melting
C. Reduce visibility
D. Increase cutting speed

Q15. What is the correct method to light the oxyfuel torch? (4 Marks)

A. Light both together without sequence
B. Light fuel gas first, then add oxygen
C. Add oxygen only
D. Light oxygen first

Q16. Why should flammable materials be removed from the cutting area? (5 Marks)

A. Make flame unstable
B. Increase spark size
C. Prevent fire hazards
D. Reduce cut depth

Q17. What is essential to maintain a straight and accurate cut? (5 Marks)

A. Use excessive fuel
B. Move torch randomly
C. Vary oxygen pressure
D. Steady hand and correct torch angle

Q18. Why must cylinders be secured in an upright position? (8 Marks)

A. Make cutting faster
B. Reduce gas flow
C. Prevent tipping and leaks
D. Increase flame length

CSC/N0204. Manually Weld Carbon and Low Alloy Steels by Using Metal Arc Welding (MMAW) / Shielded Metal Arc Welding (SMAW)

Q19. Why is it important to clean the base metal before welding? (4 Marks)

A. Increase welding time
B. Avoid arc formation
C. Remove rust, scale, and oil
D. Reduce electrode life

Q20. What is the main purpose of selecting the correct electrode type? (4 Marks)

A. Ensure proper weld strength
B. Increase slag formation
C. Delay fusion
D. Reduce arc visibility

Q21. Why must proper welding current be chosen for SMAW? (4 Marks)

A. Reduce base metal thickness
B. Limit slag formation
C. Avoid filler metal deposition
D. Achieve optimal penetration

Q22. What helps prevent porosity in the weld? (5 Marks)

A. Skip preheating
B. Increase arc length
C. Remove moisture from electrodes
D. Decrease travel speed

Q23. Why is correct welding technique important for low alloy steels? (5 Marks)

A. Avoid cracking and distortion
B. Limit joint fit-up
C. Increase electrode consumption
D. Reduce weld bead size

Q24. How does preheating carbon steel affect the weld? (8 Marks)

A. Shorten electrode life
B. Reduces risk of cracking
C. Increase porosity
D. Increase slag inclusion

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

Q25. What is a key aspect of teamwork in welding operations? (2 Marks)

A. Work only individually
B. Support coworkers and share information
C. Blame others for errors
D. Ignore team goals

Q26. How does time management help welders in SMAW operations? (2 Marks)

A. Work randomly
B. Prioritize tasks for efficiency
C. Delay welding jobs
D. Waste time on breaks

Q27. Why is problem-solving important for welders? (2 Marks)

A. Quickly address technical issues
B. Depend only on supervisors
C. Delay repair
D. Ignore defects

Q28. Which skill helps welders adapt to new welding techniques? (4 Marks)

A. Stick to old processes
B. Avoid training
C. Continuous learning and practice
D. Resist new methods

Q29. How can welders maintain professionalism at the workplace? (4 Marks)

A. Arrive late
B. Follow safety and workplace rules
C. Disrespect peers
D. Ignore instructions

Q30. Why is attention to detail important in welding tasks? (6 Marks)

A. Skip measurements
B. Increase errors
C. Ensure quality welds
D. Reduce accuracy