Assessment Blueprint

Assessment Overview	
Sector	Construction
Job Role	Fabricator
QP Code	CON/Q1206
Version	5.0
NSQF level	4
No. of Questions (Theory + Practical+Viva)	39+8+10=57
Duration (Minutes)	Theory: 60 Minutes Viva: 60 Minutes Practical: 360 Minutes
Acceptable level of variance in duration and no. of Questions Per NOS	+-10%
Language	English

INSTRUCTIONS
1. Total duration of the examination is 480 Minutes (Theory: 60 Minutes + Viva: 60 Minutes + Practical: 360 Minutes)

S.No.	NOS Code	NOS Details	Question Type	Question	Option 1 (A)	Option 2 (B)	Option 3 (C)	Option 4 (D)	Correct Answer	Marks Assigned for the
1	CON/N1210	Inspect the fabrication materials and conduct their surface cleaning	MCQ Type	What should a Fabricator inspect before cleaning fabrication materials?	Surface condition and defects	Welding current and voltage	Cutting machine speed	Workplace lighting level	A	6
2			MCQ Type	Which defect should be identified during material inspection?	Suitable work position	Correct welding sequence	Proper tool arrangement	Rust and surface cracks	D	6
3			MCQ Type	Why should fabrication materials be cleaned before further work?	To increase material thickness	To remove rust and contaminants	To change material dimensions	To reduce material strength	B	6
4			MCQ Type	Which tool is appropriate for removing loose rust from steel surfaces?	Wire brush	Welding electrode	Vernier caliper	Spanner wrench	A	6
5			MCQ Type	What should be verified after completing surface cleaning?	Accurate bending angle	Correct welding current	Proper cutting speed	Clean and defect-free surface	D	6
6	CON/N1211	Conduct joint preparation, connection activities and repair work in fabricated assemblies	MCQ Type	What should a Fabricator check before preparing a joint?	Joint dimensions and alignment	Paint colour and finish	Storage location and height	Welding machine brand and model	A	6
7			MCQ Type	Which activity helps achieve proper joint preparation?	Unplanned material bending	Random surface cutting	Cleaning and edge preparation	Excessive surface grinding	C	6
8			MCQ Type	What should be ensured during connection of fabricated components?	Correct fit-up and alignment	Uneven component positioning	Loose component assembly	Incorrect joint dimensions	A	6
9			MCQ Type	What should be done when a defect is found in a fabricated joint?	Cover the defect with paint	Repair according to procedure	Ignore the damaged area	Increase surrounding material thickness	B	6
10			MCQ Type	What should be inspected after completing joint repair work?	Joint quality and dimensions	Paint shade and storage area	Tool weight and handle length	Workshop temperature and lighting	A	6
11	CON/N0717	Erect structural steel assemblies at construction sites	MCQ Type	What should a Fabricator check before erecting structural steel assemblies?	Tool storage arrangement	Paint colour and finish	Welding cable length	Drawings and assembly dimensions	D	6
12			MCQ Type	What is essential for safe lifting of structural steel assemblies?	Proper lifting equipment and rigging	Unsecured lifting chains	Improvised lifting points	Unchecked lifting capacity	A	6
13			MCQ Type	What should be verified while positioning structural steel assemblies?	Storage rack position	Paint thickness and colour	Alignment and specified location	Welding electrode quantity	C	6
14			MCQ Type	Why are temporary supports used during steel erection?	To maintain assembly stability	To increase steel weight	To change assembly dimensions	To reduce lifting capacity	A	6
15			MCQ Type	What should be checked after completing structural steel erection?	Welding rods, brushes and ladders	Paint shade, tools and cables	Storage area, gloves and helmets	Alignment, connections and stability	D	6
16	CON/N9001	Work according to personal health, safety and environment protocols at construction site	MCQ Type	Which PPE should a Fabricator wear during structural fabrication work?	Helmet, gloves and safety shoes	Sandals, cap and scarf	Loose shirt, slippers and belt	Cotton cloth, sandals and cap	A	6
17			MCQ Type	What should a Fabricator do before operating fabrication equipment?	Increase machine speed immediately	Remove guards for better access	Inspect equipment and safety guards	Operate without checking controls	C	6
18			MCQ Type	How should welding fumes be controlled at a construction site?	Use proper ventilation and extraction	Close all ventilation openings	Work without respiratory precautions	Allow fumes to accumulate indoors	A	6
19			MCQ Type	What should be done with metal scraps after fabrication work?	Mix scraps with construction soil	Scatter scraps around the workplace	Collect and segregate metal waste	Leave sharp scraps near walkways	C	6
20			MCQ Type	What should a Fabricator do after identifying an unsafe workplace condition?	Report it to the responsible supervisor	Continue working near the hazard	Remove safety warning signs	Allow other workers to approach	A	6
21	CON/N8001	Work effectively in a team to deliver desired results at the workplace	MCQ Type	What helps Fabricators coordinate tasks effectively during fabrication work?	Limited information sharing	Separate work decisions	Unplanned task allocation	Clear communication with team	D	6
22			MCQ Type	How should team members handle assigned fabrication responsibilities?	Complete assigned tasks properly	Exchange duties without discussion	Avoid assigned responsibilities	Change work priorities independently	A	6
23			MCQ Type	What should a Fabricator do when team members need work-related assistance?	Refuse coordination	Leave the task unfinished	Provide appropriate support	Continue without communication	C	6
24			MCQ Type	Why is teamwork important during structural fabrication activities?	Improves work coordination and productivity	Creates independent work methods	Reduces information sharing	Increases task confusion	A	6
25			MCQ Type	What should team members do when a fabrication problem affects work progress?	Continue without reporting	Hide the problem from others	Change drawings without approval	Discuss solutions with the team	D	6
26	CON/N8002	Plan and organize work to meet expected outcomes	MCQ Type	What should a Fabricator review before planning fabrication activities?	Drawings and work specifications	Paint colour and storage location	Tool brand and workplace lighting	Welding cable length and shelf height	A	6
27			MCQ Type	How should fabrication activities be organized for timely completion?	Without checking task priorities	According to personal preference	According to planned work sequence	By changing tasks randomly	C	6
28			MCQ Type	What should be arranged before starting fabrication work?	Required materials, tools and equipment	Finished components, paint and ladders	Cleaning chemicals, cables and boxes	Spare parts, furniture and fixtures	A	6
29			MCQ Type	How can a Fabricator ensure planned work meets required outcomes?	Use materials without verification	Modify dimensions without approval	Skip required inspection activities	Follow specifications and work schedule	D	6
30			MCQ Type	What should be monitored during fabrication to maintain planned progress?	Work progress against schedule	Paint quantity against storage space	Tool weight against shelf capacity	Cable length against lighting level	A	6
31	DGT/VSQ/N0101	Employability Skills (30 Hours)	MCQ Type	Which skill helps a Fabricator communicate effectively with supervisors and coworkers?	Workplace arguments	Poor listening	Clear communication	Unclear reporting	C	5
32			MCQ Type	Which behaviour demonstrates professionalism in a fabrication workplace?	Punctuality and discipline	Frequent absenteeism	Ignoring instructions	Delayed task reporting	A	5
33			MCQ Type	Which skill helps Fabricators work successfully with team members?	Unshared responsibilities	Individual conflicts	Poor coordination	Teamwork and cooperation	D	5
34			MCQ Type	How can a Fabricator improve skills for better employment opportunities?	Participate in skill training	Avoid workplace training	Reject supervisor feedback	Ignore new procedures	A	5
TOTAL										**200**

S.No.	NOS Code	NOS Details	Question Type	Question	Tasks to be Performed	Marks Assigned
1	CON/N1210	Inspect the fabrication materials and conduct their surface cleaning	Structured Practical Task	Demonstrate how you would inspect fabrication materials and clean their surfaces before fabrication work.	1. Collect the required fabrication materials from the designated storage area. 2. Check materials for correct size, grade, quantity and visible defects. 3. Inspect surfaces for rust, oil, grease, dust and moisture. 4. Remove loose dirt, rust and contaminants using suitable cleaning tools. 5. Wipe and dry the cleaned surfaces properly before fabrication. 6. Segregate defective materials and report them to the supervisor.	70
2	CON/N1211	Conduct joint preparation, connection activities and repair work in fabricated assemblies	Structured Practical Task	Demonstrate preparation and connection of a butt joint in a fabricated steel assembly.	1. Inspect the steel components and confirm their dimensions. 2. Clean and prepare the mating edges properly. 3. Position the components with the required joint gap. 4. Align and hold the components using suitable clamps. 5. Carry out the specified connection operation safely. 6. Check the joint for alignment, dimensions and visible defects.	70
3	CON/N0717	Erect structural steel assemblies at construction sites	Structured Practical Task	Demonstrate how to erect a structural steel column at a construction site.	1. Inspect the column and check its identification and condition. 2. Check the foundation location and prepare the erection area. 3. Attach suitable lifting tackles at approved lifting points. 4. Lift and position the column using suitable lifting equipment. 5. Align, plumb and temporarily secure the column properly. 6. Complete the required connection and verify final alignment.	70
4	CON/N9001	Work according to personal health, safety and environment protocols at construction site	Structured Practical Task	Demonstrate how you would follow health and safety procedures while carrying out welding and cutting work.	1. Inspect the welding or cutting equipment before use. 2. Wear appropriate welding PPE and protective clothing. 3. Remove combustible materials from the work area. 4. Ensure proper ventilation and safe positioning of equipment. 5. Perform welding or cutting according to approved procedures. 6. Switch off equipment and inspect the area after completing work.	70
5	CON/N8001	Work effectively in a team to deliver desired results at the workplace	Structured Practical Task	Demonstrate how you will coordinate with team members while cutting and preparing steel sections for fabrication.	1. Review the cutting list and required steel sections. 2. Discuss cutting measurements and sequence with team members. 3. Check availability and condition of cutting tools and PPE. 4. Mark steel sections accurately according to measurements. 5. Coordinate cutting and edge preparation activities safely. 6. Verify dimensions and report completed work to the supervisor.	70
6	CON/N8002	Plan and organize work to meet expected outcomes	Structured Practical Task	Demonstrate how you will organize materials, tools, and equipment before starting a fabrication job.	1. Review the job requirements and material list. 2. Identify suitable tools and equipment for the task. 3. Inspect materials for correct size, type, and condition. 4. Check tools and equipment for safe working condition. 5. Arrange materials and tools for easy and safe access. 6. Confirm workplace readiness before starting fabrication work.	70
7	DGT/VSQ/N0101	Employability Skills (30 Hours)	Structured Practical Task	Demonstrate how you will make a financial transaction safely and securely using a digital payment service.	1. Open the official banking or payment application. 2. Verify the recipient's name and payment details. 3. Enter the correct transaction amount carefully. 4. Review all transaction details before confirming. 5. Authorise the payment using your secure PIN or authentication method. 6. Check the transaction status and keep the receipt securely.	30
TOTAL						**450**