

Assessment Blueprint

Assessment Overview

Sector	Construction
Job Role	Bar Bender and Steel Fixer
QP Code	CON/Q0203
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)

[illegible]

S.No.	NOS Code	NOS Details	Question Type	Question	Tasks to be Performed	Marks Assigned
1	CON/N0204	Read and understand routine drawings / sketches and Bar Bending Schedule (BBS)	Structured Practical Task	Demonstrate how you will read a Bar Bending Schedule (BBS) for reinforcement work.	1. Check the BBS number and related drawing reference. 2. Identify bar marks and reinforcement member locations. 3. Read bar diameter, shape code and required quantity. 4. Check cutting length and bending dimensions carefully. 5. Match BBS details with the corresponding reinforcement drawing. 6. Confirm the required bars before starting cutting and bending.	70
2	CON/N0205	Use hand and power tools for cutting and bending of reinforcement bars	Structured Practical Task	Demonstrate how you will cut reinforcement bars to the specified length using hand tools.	1. Check the drawing or BBS for required bar length. 2. Measure and mark the cutting point accurately. 3. Select a suitable hand cutting tool and inspect it. 4. Secure the reinforcement bar properly before cutting. 5. Cut the bar safely at the marked position. 6. Measure the cut bar and verify the required length.	70
3	CON/N0206	Prepare, fabricate, place and fix reinforcement bars for RCC structures	Structured Practical Task	Demonstrate the placement and fixing of reinforcement bars for an RCC column.	1. Check the work area and arrange fabricated bars safely. 2. Position the main vertical reinforcement bars as per specified spacing. 3. Fix the stirrups around the main reinforcement bars at required intervals. 4. Tie the reinforcement intersections using binding wire and a tying tool. 5. Maintain the required concrete cover using approved cover blocks. 6. Check alignment, spacing, rigidity and secure fixing of the reinforcement cage.	70
4	CON/N9001	Work according to personal health, safety and environment protocols at construction site	Structured Practical Task	Demonstrate how you will follow personal safety procedures while cutting and bending reinforcement bars at the exam centre.	1. Wear helmet, safety shoes, gloves and eye protection. 2. Inspect hand and power tools before starting work. 3. Keep the bar cutting and bending area clear. 4. Secure reinforcement bars properly before cutting or bending. 5. Operate power equipment using approved safety procedures. 6. Stop work and report any unsafe condition immediately.	70
5	CON/N8001	Work effectively in a team to deliver desired results at the workplace	Structured Practical Task	Demonstrate how you will resolve a disagreement with a team member during reinforcement work.	1. Listen calmly to the team member's concern. 2. Explain your viewpoint respectfully and clearly. 3. Refer to the approved drawing or BBS for clarification. 4. Discuss a suitable solution based on work requirements. 5. Consult the supervisor if the disagreement remains unresolved. 6. Continue the work cooperatively after reaching an agreement.	70
6	CON/N8002	Plan and organize work to meet expected outcomes	Structured Practical Task	Demonstrate how you will organize reinforcement materials and tools before starting fabrication work.	1. Review the drawing and BBS for material requirements. 2. Identify required bar diameters and quantities. 3. Collect suitable cutting, bending and measuring tools. 4. Inspect tools and equipment for safe working condition. 5. Arrange reinforcement bars according to size and length. 6. Confirm all required materials are available before fabrication.	70
7	DGT/VSQ/N0101	Employability Skills (30 Hours)	Structured Practical Task	Demonstrate how you will prepare a basic biodata on paper for applying for a Bar Bender and Steel Fixer job.	1. Write your full name and contact details at the top of the paper. 2. Mention your address and basic personal information. 3. Write your educational qualification and relevant training details. 4. Mention your Bar Bender and Steel Fixer skills and work experience. 5. Add relevant safety knowledge and other job-related abilities. 6. Review the biodata for completeness, accuracy and neat presentation.	30
TOTAL						380