

Ironworker (Reinforcing) Level 1

STANDARDIZED LEVEL EXAM (SLE) BREAKDOWN

The following table shows the number of questions per General Area of Competency (GAC) and Competency on the *Ironworker (Reinforcing) Level 1 SLE*.

Number of questions on each exam: 100

Level 1 GAC/Competency	#
A. USE SAFE WORK PRACTICES	20
A1. Control Workplace Hazards	6
A2. Interpret OHS Regulations and WCB Standards	1
A3. Attain Confined Space Awareness Training	1
A4. Use Fall Protection Systems	4
A5. Use Personal Protective Equipment	6
A6. Use Fire Safety Procedures	2
A7. Attain First Aid Certification	0
B. USE TOOLS AND EQUIPMENT	10
B1. Use Hand Tools	1
B2. Use Measurement and Layout Tools	1
B3. Use Power Tools	2
B4. Use Welding and Cutting Tools	2
B5. Use Ladders and Platforms	2
B6. Use Concrete Connecting and Anchoring Tools and Equipment	2
C. ORGANIZE WORK	10
C1. Use Mathematics	3
C2. Interpret Drawings and Specifications	4
C3. Communicate with Others	1
C4. Handle Materials	2
D. USE RIGGING, HOISTING AND LIFTING EQUIPMENT	15
D1. Use Ropes and Slings	6
D2. Use Rigging and Hoisting Equipment	7
D3. Use Mechanical Lifting Equipment	2
E. APPLY CRANE WORK PROCEDURES	10
E1. Apply Lifting Practices for Cranes	10

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January 1, 2023

Level 1 GAC/Competency	#
F. APPLY REINFORCING TECHNIQUES	20
F1. Apply Principles of Reinforcing Concrete	10
F2. Install and Fabricate Reinforcing Material	10
G. APPLY PRE-STRESSING/POST-TENSIONING TECHNIQUES	15
G1. Apply Principles of Pre-Stressed Systems	1
G2. Place Un-bonded Post-Tensioning Systems	8
G3. Place Bonded Post-Tensioning Systems	6
Total:	100