

# Ironworker (Generalist) 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 (Generalist) Level 1 SLE*.

**Number of questions on each exam: 100**

Level 1 GAC/Competency	#
<b>A. USE SAFE WORK PRACTICES</b>	<b>7</b>
A1. Control Workplace Hazards	1
A2. Interpret OHS Regulations and WCB Standards	1
A3. Attain Confined Space Awareness Training	1
A4. Use Fall Protection Systems	1
A5. Use Personal Protective Equipment	1
A6. Use Fire Safety Procedures	1
A7. Attain First Aid Certification	0
A8. Attain WHMIS Certification	1
<b>B. USE TOOLS AND EQUIPMENT</b>	<b>18</b>
B1. Use Hand Tools	2
B2. Use Measurement and Layout Tools	2
B3. Use Power Tools	3
B4. Use Welding and Cutting Tools	8
B5. Use Ladders and Platforms	2
B6. Attain Aerial Work Platform Certification	0
B7. Use Concrete Connecting and Anchoring Tools and Equipment	1
<b>C. ORGANIZE WORK</b>	<b>12</b>
C1. Use Mathematics	5
C2. Interpret Drawings and Specifications	4
C3. Communicate with Others	2
C4. Handle Materials	1
<b>D. USE RIGGING, HOISTING AND LIFTING EQUIPMENT</b>	<b>13</b>
D1. Use Ropes and Slings	7
D2. Use Rigging and Hoisting Equipment	4
D3. Use Mechanical Moving Equipment	2

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*January 1, 2023*

Level 1 GAC/Competency	#
<b>E. APPLY CRANE WORK PROCEDURES</b>	<b>11</b>
E1. Assemble and Disassemble Cranes	6
E2. Apply Lifting Practices for Cranes	5
<b>F. ERECT STRUCTURAL MEMBERS</b>	<b>14</b>
F1. Apply the Principles of Erecting Structural Components	4
F2. Install Structural Members	10
<b>G. APPLY REINFORCING TECHNIQUES</b>	<b>15</b>
G1. Apply Principles of Reinforcing Concrete	8
G2. Install and Fabricate Reinforcing Material	7
<b>H. APPLY PRE-STRESSING/POST-TENSIONING TECHNIQUES</b>	<b>10</b>
H1. Describe Principles of Pre-Stressed Systems	3
H2. Place Unbonded Post-Tensioning Systems	7
<b>Total:</b>	<b>100</b>