

# Steamfitter/Pipefitter Harmonized 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 *Steamfitter/Pipefitter Harmonized Level 1 SLE*.

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

Level 1 GAC/Competency	#
<b>A. PERFORM SAFETY RELATED FUNCTIONS</b>	<b>20</b>
A1. Maintain Safe Work Environment	7
A2. Use Personal Protective Equipment (PPE) and Safety Equipment	6
A3. Perform Lock-Out Procedures	3
A4. Practice Fire Prevention	4
<b>B. USE TOOLS AND EQUIPMENT</b>	<b>26</b>
B1. Use Common Tools and Equipment	7
B2. Use Access Equipment	3
B3. Use Rigging, Hoisting, Lifting, and Positioning Equipment	5
B4. Rig Loads for Cranes	1
B5. Use Welding Equipment	4
B6. Use Soldering and Brazing Equipment	4
B7. Use Oxy-Fuel Equipment	2
<b>C. PERFORM ROUTINE TRADE ACTIVITIES</b>	<b>17</b>
C1. Use Mathematics and Science	12
C2. Interpret Drawings and Specifications	5
C3. Use Codes, Regulations and Standards	0

Level 1 GAC/Competency	#
<b>D. PERFORM LAYOUT AND INSTALLATION OF PIPING AND COMPONENTS</b>	<b>25</b>
D1. Install Valves	6
D2. Install Fittings	7
D3. Penetrate Structures	1
D4. Layout and Install Piping and Tubing	9
D5. Perform Maintenance, Troubleshooting, Repairs and Testing on Valves	2
<b>E. PERFORM FABRICATION</b>	<b>12</b>
E1. Fabricate Brackets, Supports, Hangers, Guides and Anchors	12
<b>F. USE COMMUNICATION TECHNIQUES</b>	<b>0</b>
F1. Use Communication Techniques	0
<b>Total:</b>	<b>100</b>