

# Steamfitter/Pipefitter Harmonized Level 3

## 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 3 SLE*.

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

Level 3 GAC/Competency	#
<b>C. PERFORM ROUTINE TRADE ACTIVITIES</b>	<b>8</b>
C2. Interpret Drawings and Specifications	7
C3. Use Codes, Regulations and Standards	1
<b>G. INSTALL HEAT TRACING SYSTEMS</b>	<b>1</b>
G1. Install Heat Tracing Systems	1
G2. Repair and Test Heat Tracing Systems	0
<b>H. INSTALL HYDRONIC SYSTEMS</b>	<b>20</b>
H2. Install Equipment for Hydronic Systems	2
H3. Install Piping for Hydronic Systems	14
H4. Test Hydronic Systems	2
H5. Repair Hydronic Systems	2
<b>I. INSTALL STEAM SYSTEMS</b>	<b>20</b>
I1. Install Equipment for Steam Systems	8
I2. Install Piping for Steam and Condensate Systems	8
I3. Test Steam and Condensate Systems	2
I4. Repair Steam and Condensate Systems	2
<b>J. INSTALL INDUSTRIAL WATER AND WASTE SYSTEMS</b>	<b>3</b>
J1. Install Equipment for Industrial Water and Waste Systems	2
J2. Install Piping for Industrial Water and Waste Systems	1
J3. Test Industrial Water and Waste Systems	0

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Level 3 GAC/Competency	#
J4. Repair Industrial Water and Waste Systems	0
<b>K. APPLY ELECTRICAL CONCEPTS</b>	<b>9</b>
K2. Use Electrical Wiring Diagrams and Schematics	3
K5. Apply Wiring Practices	3
K6. Interpret the Canadian Electrical Code (CEC)	3
<b>L. PLAN GAS-FIRED SYSTEMS INSTALLATIONS</b>	<b>19</b>
L1. Size Piping and Tubing Systems	8
L2. Select Regulators, Valves and Valve Train Components	4
L4. Select Flame Safeguards	4
L5. Select Burners	3
<b>M. INSTALL FUEL SYSTEMS</b>	<b>13</b>
M1. Install Equipment for Fuel Systems	4
M2. Install Piping and Tubing for Fuel Systems	5
M3. Install Regulators, Valves and Valve Train Components	4
M5. Test Fuel Systems	0
M6. Repair Fuel Systems	0
<b>N. INSTALL MEDICAL GAS SYSTEMS</b>	<b>5</b>
N1. Install Equipment for Medical Gas Systems	2
N2. Install Piping and Tubing for Medical Gas Systems	2
N3. Test Medical Gas Systems	1
N4. Repair Medical Gas Systems	0
<b>W. INSTALL BACKFLOW PREVENTION</b>	<b>2</b>
W1. Install Cross Connection Assemblies and Devices	2
W2. Test Cross Connection Assemblies and Devices	0
W3. Troubleshoot and Repair Cross Connection Assemblies and Devices	0
<b>Total:</b>	<b>100</b>