

# Sheet Metal Worker Harmonized Level 2

## STANDARDIZED LEVEL EXAM (SLE) BREAKDOWN

The following table shows the number of questions per General Area of Competency (GAC) and Competency on the *Sheet Metal Worker Harmonized Level 2 SLE*.

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

Level 2 GAC/Competency	#
<b>B. USE AND MAINTAIN TOOLS AND EQUIPMENT</b>	<b>15</b>
B2. Use shop tools and equipment	7
B3. Use gas metal arc welding (GMAW) equipment	4
B5. Use shielded metal arc welding (SMAW) equipment	2
B7. Use soldering and brazing equipment	2
<b>C. ORGANIZE WORK</b>	<b>17</b>
C1. Use trade related documentation	1
C2. Interpret drawings	10
C4. Perform basic design and field modifications	6
<b>E. PERFORM PATTERN DEVELOPMENT</b>	<b>18</b>
E1. Develop patterns using simple and straight line methods	4
E2. Develop patterns using parallel line method	4
E3. Develop patterns using radial line development	5
E4. Develop patterns using triangulation method	5
<b>F. FABRICATE SHEET METAL COMPONENTS FOR AIR AND MATERIAL HANDLING SYSTEMS</b>	<b>12</b>
F2. Fabricate ductwork, fittings and components	6
F4. Fabricate material handling system components	6
<b>G. FABRICATE ARCHITECTURAL SHEET METAL PRODUCTS</b>	<b>8</b>

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*December 1, 2022*

Level 2 GAC/Competency	#
G1. Select material for flashing, roofing, sheeting and cladding	4
G2. Fabricate flashing, roofing, sheeting and cladding	4
<b>I. PREPARE INSTALLATION SITE</b>	<b>2</b>
I1. Perform on-site measurements	1
I2. Perform demolition for renovations	1
<b>J. INSTALL AND CONNECT CHIMNEYS, BREECHING AND VENTING TO EXHAUST APPLIANCES AND MECHANICAL EQUIPMENT</b>	<b>6</b>
J1. Install chimneys	2
J2. Connect appliances or mechanical equipment to chimney and breeching	2
J3. Install high efficiency appliances and mechanical equipment	2
<b>K. INSTALL AIR HANDLING SYSTEM COMPONENTS</b>	<b>11</b>
K1. Install air handling equipment	2
K2. Install hangers, cables, braces and brackets	4
K4. Install penetrations and sleeves	3
K7. Install system component accessories	2
<b>O. INSTALL METAL ROOFING AND CLADDING/SIDING SYSTEMS</b>	<b>8</b>
O1. Lay out roof and walls	2
O2. Install insulation, isolation material and building envelope components	1
O3. Install roofing and cladding/siding system components	3
O4. Seal exposed joints	1
O5. Install Decking	1
<b>P. INSTALL EXTERIOR COMPONENTS</b>	<b>3</b>
P1. Prepare surface	0
P2. Fasten exterior components	3
<b>Total:</b>	<b>100</b>