

# Sheet Metal Worker 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 *Sheet Metal Worker Harmonized Level 1 SLE*.

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

Level 1 GAC/Competency	#
<b>A. PERFORM SAFETY RELATED FUNCTIONS</b>	<b>10</b>
A1. Use personal protective equipment (PPE) and safety equipment	4
A2. Maintain safe work environment	2
A3. Perform lock-out and tag-out procedures	2
A4. Use WHMIS	2
<b>B. USE AND MAINTAIN TOOLS AND EQUIPMENT</b>	<b>25</b>
B1. Use hand and portable power tools	6
B2. Use shop tools and equipment	6
B3. Use gas metal arc welding (GMAW) equipment	2
B5. Use shielded metal arc welding (SMAW) equipment	2
B6. Use oxy-fuel and plasma arc cutting equipment	1
B7. Use soldering and brazing equipment	3
B8. Use measuring and layout equipment	2
B9. Use stationary and mobile work platforms	1
B10. Use hoisting, rigging and positioning equipment	2
<b>C. ORGANIZE WORK</b>	<b>22</b>
C1. Use trade-related documentation	1

Level 1 GAC/Competency	#
C2. Interpret drawings	4
C3. Organize materials and equipment for projects	1
C5. Use mathematics	16
<b>D. USE COMMUNICATION AND MENTORING TECHNIQUES</b>	<b>0</b>
D1. Use communication techniques	0
<b>E. PERFORM PATTERN DEVELOPMENT</b>	<b>15</b>
E1. Develop patterns using simple and straight line methods	3
E2. Develop patterns using parallel line method	6
E3. Develop patterns using radial line development	2
E4. Develop patterns using triangulation method	4
<b>F. FABRICATE SHEET METAL COMPONENTS FOR AIR AND MATERIAL HANDLING SYSTEMS</b>	<b>20</b>
F1. Select materials for trade related products	10
F2. Fabricate ductwork, fittings and components	6
F3. Insulate ductwork, fittings and components	1
F6. Fabricate hanger systems, supports and bases	3
<b>K. INSTALL AIR HANDLING SYSTEM COMPONENTS</b>	<b>8</b>
K1. Install air handling equipment	2
K3. Install sheet metal ducts, fittings and dampers	2
K5. Install registers, grilles, diffusers and louvers	2
K8. Install residential systems	2
<b>Total:</b>	<b>100</b>