

Architectural Sheet Metal Worker 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 *Architectural Sheet Metal Worker Level 2 SLE*.

Number of questions on each exam: 100

Level 2 GAC/Competency	#
B. USE TOOLS AND EQUIPMENT	5
B1. Use Hand Tools	1
B2. Use Power Tools	1
B4. Use Shop Equipment	1
B5. Use Ladders, Scaffolds and Platforms	1
B6. Use Fasteners and Sealants	1
C. ORGANIZE WORK	7
C1. Interpret Drawings and Specifications	2
C3. Communicate with Others	1
C4. Measure and Sketch Shop Project Components	2
C5. Identify Metals and Properties	2
D. USE TRADE MATH	8
D1. Use Basic Trade Math	2
D2. Solve Problems Using Formulas	3
D3. Solve Problems Using Pythagorean Theorem	1
D4. Solve Problems Using Trigonometry	2
E. EXAMINE SYSTEMS	10

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Level 2 GAC/Competency	#
E1. Identify Systems	2
E2. Identify Support Structures	1
E3. Identify Building Envelope	2
E5. Examine Roof Systems	1
E6. Examine Specialty Products	2
E7. Examine Specialty System Components/Accessories	2
F. FABRICATE PRODUCTS AND COMPONENTS	20
F1. Seams, Locks, Edges and Joints	10
F2. Fabricate Components	10
G. INSTALL PRODUCTS	27
G1. Use Hoisting, Lifting and Rigging Equipment	6
G2. Install Roofing and Wall Components	8
G3. Prepare Substrate	7
G4. Install Specialty Components	6
H. LAYOUT AND DEVELOP PATTERNS	14
H2. Draw Orthographic and Pictorial Drawings	3
H3. Produce Patterns Using Parallel Line Development	4
H4. Produce Patterns Using Radial Line Development	3
H5. Produce Patterns Using Triangulation	4
I. WELD AND SOLDER	9
I1. Cutting Techniques	1
I2. Select and Use Welding Equipment for SMAW	4
I4. Demonstrate Soldering Techniques	4
Total:	100