

Plumber 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 *Plumber Level 1 SLE*.

Number of questions on each exam: 100

Level 1 GAC/Competency	#
A. PERFORM SAFETY RELATED FUNCTIONS	10
A1. Maintain safe work environment	3
A2. Use personal protective equipment (PPE) and safety equipment	3
A3. Perform Lock-Out and Tag-Out (LOTO) procedures	2
A4. Practice fire prevention	2
B. USE TOOLS AND EQUIPMENT	24
B1. Use common tools and equipment	7
B2. Use access equipment	3
B3. Use rigging, hoisting, lifting, and positioning equipment	3
B4. Rig loads for cranes	3
B5. Use soldering, brazing, and oxy-fuel equipment	6
B6. Use welding equipment	2
C. PERFORM ROUTINE TRADE ACTIVITIES	39
C1. Use mathematics and science	24
C3. Use codes, regulations, and standards	3
C4. Interpret drawings and specifications for piping system layout	12
D. PREPARE PIPING AND COMPONENTS	22

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Level 1 GAC/Competency	#
D1. Prepare pipe	3
D2. Join tube, tubing, and pipe	4
D3. Install pipe	3
D4. Install valves	5
D5. Install fittings	5
D6. Penetrate structures	2
F. USE COMMUNICATION TECHNIQUES	1
F1. Use communication techniques	1
O. APPLY ELECTRICAL CONCEPTS	4
O1. Use the principles of electricity	4
Total:	100