

# Insulator (Heat and Frost) 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 *Insulator (Heat and Frost) Harmonized Level 1 SLE*.

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

Level 1 GAC/Competency	#
<b>A. PERFORM SAFETY-RELATED FUNCTIONS</b>	<b>4</b>
A1. Use personal protective equipment (PPE) and safety equipment	2
A2. Maintain safe work environment	2
<b>B. USE AND MAINTAIN TOOLS AND EQUIPMENT</b>	<b>4</b>
B1. Use tools and equipment	3
B2. Use access equipment	1
<b>C. ORGANIZE WORK</b>	<b>3</b>
C1. Perform task scheduling	1
C2. Organize materials on site	2
<b>D. USE COMMUNICATION AND MENTORING TECHNIQUES</b>	<b>1</b>
D1. Use communication techniques	1
<b>E. PERFORM ROUTINE TRADE PRACTICES</b>	<b>35</b>
E1. Perform measurements and calculations	12
E3. Prepare substrates	2
E4. Select materials	8
E5. Perform layout	13
<b>F. INSULATE PIPING AND FITTINGS</b>	<b>21</b>
F1. Install insulation on piping, fittings and hangers	16
F2. Apply vapour barriers on piping and fittings	5
<b>H. INSULATE PLUMBING AND MECHANICAL PIPING SYSTEMS</b>	<b>16</b>
H1. Install insulation on plumbing and mechanical piping systems	10
H2. Apply vapour barrier on insulated plumbing and mechanical piping systems	6
<b>K. INSTALL FIRE STOP SYSTEMS</b>	<b>6</b>
K1. Identify approved fire stop system	2

*Insulator (Heat and Frost): Harmonized Level 1 SLE Breakdown*

*January 1, 2023*

Level 1 GAC/Competency	#
K2. Apply fire stop materials to architectural, structural, mechanical and electrical components	4
<b>P. INSTALL FIREPROOFING</b>	<b>4</b>
P1. Apply fireproofing to architectural, structural, mechanical and electrical components	4
<b>T. PERFORM ASBESTOS ABATEMENT</b>	<b>6</b>
T1. Prepare for asbestos abatement	3
T2. Remove asbestos	2
T3. Maintain asbestos	1
T4. Perform lead abatement and mould remediation	0
<b>Total:</b>	<b>100</b>