

# Industrial Mechanic (Millwright)

## Harmonized Level 3

### STANDARDIZED LEVEL EXAM (SLE) BREAKDOWN

The following table shows the number of questions per General Area of Competency (GAC) and Competency on the *Industrial Mechanic (Millwright) Harmonized Level 3 SLE*.

Number of questions on each exam: 100

Level 3 GAC/Competency	#
<b>C. PERFORM ROUTINE TRADE ACTIVITIES</b>	<b>9</b>
C1. Use mathematics and science	3
C4. Perform leveling of components and systems	3
C9. Use mechanical drawings and specifications	3
<b>L. PERFORM SHAFT ALIGNMENT PROCEDURES</b>	<b>8</b>
L2. Perform dial alignment procedures	4
L3. Perform laser alignment	4
<b>M. SERVICE FANS AND BLOWERS</b>	<b>5</b>
M1. Select, install and maintain fans	3
M2. Select, install and maintain blowers	2
<b>N. SERVICE PUMPS</b>	<b>19</b>
N1. Identify and select positive displacement pumps	5
N2. Install, maintain and repair positive displacement pumps	4
N3. Identify and select non-positive displacement pumps	4
N4. Install, maintain and repair non-positive displacement pumps	6
<b>O. SERVICE COMPRESSORS</b>	<b>15</b>
O1. Identify and select compressors	8
O2. Install, maintain and repair compressors	7
<b>P. SERVICE PIPING, TANKS AND CONTAINERS</b>	<b>8</b>
P1. Select, install and maintain process tanks and containers	4

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Level 3 GAC/Competency	#
P2. Select, install and maintain piping	4
<b>Q. SERVICE HYDRAULIC SYSTEMS</b>	<b>25</b>
Q1. Identify hydraulic components	7
Q2. Assemble hydraulic circuits	9
Q3. Maintain and repair hydraulic systems	9
<b>R. SERVICE PNEUMATIC AND VACUUM SYSTEMS</b>	<b>11</b>
R1. Identify pneumatic and vacuum components	4
R2. Assemble pneumatic and vacuum circuits	3
R3. Maintain and repair pneumatic and vacuum systems	4
<b>Total:</b>	<b>100</b>