

Instrumentation and Control Technician 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 *Instrumentation and Control Technician Level 3 SLE*.

Number of questions on each exam: 96

Level 3 GAC/Competency	#
C. ORGANIZE WORK	5
C1. Plan work and maintain records	1
C2. Use computers and related applications	1
C4. Use trade related diagrams, drawings and schematics	3
E. INSTALL AND SERVICE PROCESS MEASURING AND INDICATING DEVICES	26
E9. Install and service consistency measuring devices	3
E10. Install and service vibration measuring devices	4
E11. Install and service speed measuring devices	1
E12. Install and service position measuring Devices	1
E13. Install and service motion measuring Devices	1
E14. Install and service process analyzers (liquids and solids)	16
F. INSTALL AND SERVICE PNEUMATIC AND HYDRAULIC EQUIPMENT	4
F3. Install and service pneumatic systems	4
H. INSTALL AND SERVICE FINAL CONTROL ELEMENTS	9
H4. Install and service variable speed drive (VSD) and variable frequency drive (VFD)	9
I. INSTALL AND SERVICE COMMUNICATION SYSTEMS AND DEVICES	14
I1. Install and service control network systems	5
I3. Install and service gateways, bridges and media converters	9
J. INSTALL AND SERVICE CONTROL SYSTEMS AND PROCESS CONTROL	38
J1. Establish and optimize process control strategies	6
J2. Install and service stand-alone controllers (SAC)	25
J3. Install and service programmable logic controllers (PLC)	6
J4. Install and service human machine interface (HMI)	1

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Level 3 GAC/Competency	#
J7. Install and optimize advanced supervisory control systems	0
Total:	96