SKILLED**TRADES**^BC

Security Systems Technician

CERTIFICATE OF QUALIFICATION EXAM BREAKDOWN

The following table shows the number of questions per General Area of Competency (GAC) and Competency on the *Security Systems Technician Certificate of Qualification Exam*.

Number of questions on each exam: 105

Certificate of Qualification GAC/Competency	#
A. USE SAFE WORK PRACTICES	**7**
A1. Interpret WorkSafeBC Regulations	1
A2. Demonstrate WorkSafeBC Work Practices	1
A3. Work Safely with Electricity	3
A4. Use Fire Safety Procedures	1
A5. Use Workplace Hazardous Materials Information System (WHMIS)	1
B. USE STANDARD WORK PRACTICES AND PROCEDURES	**8**
B1. Use Hand Tools	1
B2. Use Power Tools	3
B3. Use Test Instruments	1
B4. Use Fasteners, Sealants and Surface Fillers	1
B5. Read and Interpret Blueprints, Specifications, and Vendor Manuals	1
B6. Communicate Effectively with Customers, Regulator Agencies and Co-Workers	1
C. APPLY CODES AND REGULATIONS	**13**
C1. Explain Requirements of the Security Services Act (SSA)	2
C2. Explain SkilledTradesBC Requirements for Certificate of Qualification	0
C3. Comply with Municipal False Alarm Bylaws	1
C4. Comply with Electrical Code Requirements	7
C5. Comply with Provincial Regulations	2
C6. Comply with Underwriters Laboratories of Canada (ULC) Standards	1
D. USE WORK PRACTICES FOR SECURTY SYSTEM INSTALLATIONS	**22**
D1. Identify Elements of Building Construction Design	3
D2. Apply Electrical Principles to Circuits with Electrical/Electronic and Digital Devices	6
D3. Use Approved Wiring Methods to Install Cable, System Devices and Control Panels	7
D4. Use Computers for Programming, Networking and Documentation Tasks	3
D5. Apply Security System Troubleshooting Strategies	3

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Certificate of Qualification GAC/Competency	#
E. SELECT SECURITY SYSTEM DEVICES	**19**
E1. Select Intrusion Alarm System Devices	6
E2. Select Access Control System Devices	4
E3. Select Closed Circuit Television (CCTV) System Devices	5
E4. Select Monitoring System Devices	4
E5. Select Intercom System Devices	0
F. INSTALL SECURITY SYSTEMS	**36**
F1. Design Security Systems	4
F2. Use Planning and Organizing Strategies	2
F3. Install Intrusion Alarm Systems	13
F4. Install Access Control Systems	8
F5. Install Closed Circuit Television (CCTV) Systems	8
F6. Install Intercom Systems	1
Total:	**105**

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