Functional Area - Physical Security & Technological Support

Title	Deploy intrusion alarm systems
Code	107660L4
Description	This unit of competency applies to security personnel at managerial level responsible for planning and design of physical security of an organisation. It covers the abilities to deploy intrusion alarm systems to achieve the desired level of physical security at the premises.
Level	4
Credit	3
Competency	Performance Requirements 1. Knowledge about deploying intrusion alarm systems: - Understand the physical security design plan of the premises - Understand the physical environment of the premises - Understand the functions of intrusion alarm systems, which are: - To deter potential attacks/intrusions; and - To detect an attack/intrusion when it happens - Understand the functions of the components of intrusion alarm systems - Understand the effect of the surrounding environment such as heat and sound on the operation of the sensors - Understand the configuration of intrusion alarm systems, including the circuit systems and alarm zones - Understand international security standards defining the configuration, installation and resistance to attack of intrusion alarm systems - Understand laws and regulations relevant to the operations of intrusion alarm systems in Hong Kong, including: - The Hong Kong Police phase-response scheme to false alarms - The Noise Control Ordinance Cap. 400 for automatic cutoff after 15 minutes of the activation of an alarm bell 2. Deploy intrusion alarm systems Be able to: - Identify critical business functions and assets at the premises - Deploy intrusion alarm systems, ensuring that - Interior intrusion-detection sensors are deployed to detect: - An attacker/intruder penetrating the perimeter of a protected area - The motion of an attacker/intruder within a protected area - An attacker/intruder touching or lifting an asset within a protected area - Exterior intrusion-detection sensors are deployed to detect an attacker/intruder crossing the perimeter of a protected area - The configuration, transmission and termination of the intrusion alarm systems meet the desired level of physical security - The layout and perimeter lines as well as the doors and locks support the effective operation of the intrusion alarm systems - Building infrastructure necessary for the effective operation of the intrusion alarm systems are considered in the design and specifications - Integration with CCTV systems where possible - Document the deployment, configuration, transmission and termination of the intrusion alarm systems - Obtain the approval of senior management and other stakeholders of the design and budget allocation - Oversee the purchase and installation of the intrusion alarm systems

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	• Ensure that all legal and regulatory requirements in respect of the operations of intrusion alarm systems are complied with • sDevelop procedures and guidelines about the operations of intrusion alarm systems • Train staff about how to operate the intrusion alarm systems • Monitor performance for continuous improvement
Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to: • Deploy intrusion alarm systems to achieve the desired level of security; • Ensure that the configuration and operations of the intrusion alarm systems comply with relevant laws and regulations; and • Ensure that the intrusion alarm systems are operated properly and monitored for continuous improvement.
Remark	