Specification of Competency Standards
for the Security Services Industry
Unit of Competency

Functional Area - Physical Security & Technological Support

Title	Plan and design a security system for a client's site
Code	107673L4
Description	This unit of competency applies to security personnel at managerial level responsible for providing services associated with the design, installation, repair and/or maintenance of security systems and devices of a company holding a Type III security company license in Hong Kong. It covers the abilities to plan and design a security system for a client's site.
Level	4
Credit	3

Competency	Performance Requirements
	1. Analyse relevant information to identify critical factors that will impact on the design of a security system for a client's site:
	
	• Analyse the client's physical security policy
	• Evaluate the requirements of laws and regulations relevant to security services, which should include but not limited to:
	    o Security and Guarding Services Ordinance, Cap 460
	    o Occupational Safety and Health Ordinance, Cap 509 and related regulations
	    o Personal Data (Privacy) Ordinance, Cap 486
	• Evaluate the duty of care and third party responsibilities with regard to maintaining safety and security of the premises under protection
	• Analyse the nature and mode of business operations at the client's site
	• Analyse the physical environment and safety and security measures in place
	• Describe the concepts of "protection-in-depth" and "crime prevention through environmental design (CPTED)" for physical security of a premises
	• Describe the objectives of physical security, which are:
	    o To deter potential attacks/intrusions
	    o To detect an attack/intrusion when it happens
	    o To delay the intrusion and escape of the attacker(s)/intruder(s)
	    o To allow guarding services to respond and intercept the attacker(s)/intruder(s) in a timely manner
	• Describe the concepts and techniques for conducting site security reviews and surveys
	• Evaluate the various means and ways to deploy security systems to achieve the desired level of physical security
	2. Plan and design a security system for a client's site
	
	Be able to:
	• Perform a security risk assessment to identify security threats and risks
	• Define the desired level of physical security based on the client's specifications in the invitation to tender, the client's physical security policy, and the outcome of the security risk assessment
	• Develop various designs of security systems and select the most effective and cost-efficient one for the client's site, taking into account the following factors:
	    o The security risks identified
	    o The client's desired level of security
	    o The size of the system required and the client's plan and needs for further expansion
	    o Whether the system will be monitored on site or off site
	    o Whether the system will be compatible with other security measures on site
	    o Whether the physical environment and building infrastructure will support the operations of the systems

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	o Whether the client has adequate resources to manage the system on an ongoing basis
	    o Whether the client has adequate resources to respond to security events detected by the system
	    o Whether the client has adequate procedures and guidelines to support the operations of the system
	  • Present the findings and recommendations and obtain the approval of management and other stakeholders about the proposed security system for the client's site as required prior to submitting the proposal to the client
	  • Obtain the client's views and comments before finalising the proposal

Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to:
	
	  • Design a security system for the client's site according to the client's specifications, physical security policy and the outcome of security risk assessment; and
	  • Deploy a security system that will support effective and efficient security operations at the client's site.

Remark	