Specification of Competency Standards
for the Import and Export Industry
Unit of Competency

Functional Area - E-commerce Technology Management

Title	Apply network security systems
Code	110983L4
Range	This unit of competency is applicable to practitioners responsible for applying network security systems to remove threats to information security and safeguard the normal operation of network application systems.
Level	4
Credit	6
Competency	Performance Requirements 1. Possess knowledge of network security systems • Examine the operation and functions of network security systems to choose suitable solutions for enterprise • Understand the types of risks associated with network security systems to identify potential risks and security issues in operations • Examine the consequences and losses that may arise from network security vulnerabilities to develop contingency plans • Examine the relevant regulations related to network security systems 2. Apply network security systems • Develop secure usage procedures for email and other networks • Manage password systems and network security software • Maintain network security programs and data backups properly • Implement network security and related contingency measures • Implement network security incident management procedures 3. Exhibit professionalism • Ensure compliance with relevant regulations in Hong Kong and other jurisdictions when applying network security systems and related contingency measures
Assessment Criteria	The integrated outcome requirements of this unit of competency are: • Capable of applying and maintaining network security systems • Capable of executing network security contingency measures
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