Specification of Competency Standards for the Logistics Industry
Unit of Competency

1. Title	Supervise container and cargo loading/unloading and stowage
2. Code	LOSGCT401A
3. Range	This unit of competency is applicable to container terminals, wharfs, and mid-stream, stevedore and logistics operators. Practitioners should be capable to supervise effectively the container and cargo loading/unloading and stowage for a smooth and safe operation.
4. Level	4
5. Credit	6（for reference only）
6. Competency	<table><tr><td colspan="2" align="center">Performance Requirements</td></tr><tr><td>6.1 Knowledge of container and cargo loading/unloading and stowage</td><td> - Understand the layout or plan for container and cargo stowage - Understand the operation and characteristics of container and cargo loading/unloading and stowage facilities - Understand the flow of container and cargo loading/unloading as well as freight documentation - Understand types and characteristics of ships - Understand types and characteristics of containers and cargoes - Understand the use, working rules, approved loading capacity, requirements and maintenance guidelines for various types of onshore and shipboard lifting appliances (including sling, sling hook, derrick, etc) - Master the knowledge of occupational safety and health - Possess certificates issued by relevant organizations </td></tr></table>

			• Code of safety for cargo storage and stowage • Capacity requirement for various loading and stowage facilities • Safe operational procedures
			♦ Understand the lifting methods for various container types and the coordination between various types of lifting appliances and mechanical equipment
	6.2	Supervise container and cargo loading and stowage	♦ Master the plan for container and cargo stowage ♦ Check the stowage plan and documents, approve the coordination between cargo, loading/unloading and stowage equipment and ship ♦ Record actual stowage locations of containers and cargoes ♦ Estimate the time needed for loading/unloading and stowing cargoes ♦ Observe visually during loading to see whether the container or cargo is damaged and jot down remarks or reject to load it if necessary ♦ Assess whether the working environment and loading, facilities and the type and status of the ship are coordinated ♦ Assess the influence of the weather on container and cargo loading/unloading and stowage, and decide whether to operate or not ♦ Issue instructions to supervise the machine operators for cargo loading/unloading and stowage, and consider the lifting and loading stability

	♦ Balance the loading/loading operation of various machineries and consider the balance and stability of the ship
	♦ Instruct the workers to check and fix the containers, and check the condition of cargoes stacked
	♦ Assess the work progress to decide on the resources allocation and the loading/unloading speed
	♦ Check the records of the stevedore and freight documents
	♦ Record the workflow of loading/ unloading and stowage
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to determine, according to the documents and information provided, the coordination of the containers, cargoes, ships, facilities and resources in the terminal or loading area; (ii) Capable to assess, according to actual situation, the safety and work progress of the workplace and make appropriate decision; and (iii) Capable to assess, according to actual situation, the stability of the ship and the safety of container and cargo loading/unloading and stowage.
8. Remarks	