

## Specification of Competency Standards for the Logistics Industry

### Unit of Competency

1. Title	Formulate container yard plan
2. Code	LOGGOM406A
3. Range	This unit of competency is applicable to container terminals, mid-stream operators or logistics firms owning container yards. Practitioners should be capable to formulate an effective and reliable container yard plan according to cargo volume, operational procedures and the operation policies of the company.
4. Level	4
5. Credit	9 ( for reference only )
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of container yards</p> <ul style="list-style-type: none"><li>◆ Understand the functions, operation and layout of container yards</li><li>◆ Understand the relationship of the scale, freight modes and throughput of yards</li><li>◆ Understand various kinds of activities in a container yard, including entry, exit, parking , transporting, loading/unloading and maintenance</li><li>◆ Master the basic knowledge of operations analysis and statistics, such as queuing theory and simulations</li><li>◆ Understand workflow study, equipment performance standard and time-line for standard operation</li><li>◆ Understand the arrangements and operation for empty containers, heavy containers and inter-yard containers</li><li>◆ Understand the functions and characteristics of different types of containers and their handling methods</li></ul>

	<ul style="list-style-type: none"> <li>◆ Understand the processes of receiving, retrieving, storing and loading/unloading</li> <li>◆ Understand the communication methods of container yard staff</li> </ul> <p>6.2 Formulate yard plan</p> <ul style="list-style-type: none"> <li>◆ Deploy the manpower and equipment according to figures and actual situation</li> <li>◆ Decide on effective deployment of intra-yard and inter-yard containers</li> <li>◆ Compile operational instructions for container yard staff</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Analyze the workflow and processes of the logistic activities and calculate the resources and time needed according to the operation policy of the company and the throughput of container yards;</li> <li>(ii) Capable to use workflow study to schedule container yard workflow; and</li> <li>(iii) Compile operational instructions for container yard staff according to the workflow.</li> </ul>
8. Remarks	