

Specification of Competency Standards
for the Logistics Industry
Unit of Competency

Functional Area - Cargo Transport and Handling

Title	Manage storage of DG (dangerous goods) and hazardous substances
Code	LOCUCT505B
Range	This unit of competency is applicable to logistics service providers. Practitioners should be able to apply DG and hazardous substances handling knowledge to manage the storage of DG and hazardous substances in accordance with regulatory requirements (e.g., Dangerous Goods Ordinance Cap. 295 and subsidiary regulations).
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Possess the knowledge of handling DG and hazardous substance <ul style="list-style-type: none"> • Know about cargo handling of DG and hazardous substances • Know about relevant standards, codes, and regulatory requirements • Know about the cargo specification and characteristics and how to access and update information • Understand relevant license or permit requirements to handle or store DG and hazardous substances • Understand company policy and procedures 2. Define objectives of required handling and storage operationstorage operation <ul style="list-style-type: none"> • Identify handling and storage activities requirements with compliance with workplace requirement • Assess best practice and trends for handling and storage equipment and compare to current operations • Consider workplace goals, constraints and capabilities when selecting bulk handling and storage equipment • Establish and update SOP and key performance indicators for the company 3. Specify equipment and system performance requirements <ul style="list-style-type: none"> • Document bulk handling and storage equipment and system requirements • Develop performance measures for equipment and system operations • Conduct consultations with relevant personnel to verify documented requirements • Maintenance and calibration of the equipment regularly as per regulatory requirement 4. Select and evaluate handling equipment and storage resourcesstorage resources <ul style="list-style-type: none"> • Examine the equipment and facilities for costs and benefit • Initiate a rating system to compare cost, benefit and other qualitative properties of handling and storage resources • Select equipment with reference to the comparison of cost, output, setup requirements, maintenance, etc. • Establish selection criteria of equipment as per company policy 5. Complete documentation <ul style="list-style-type: none"> • Complete workplace documentation • Document handling and storage requirements, compile report and communicate to relevant personnel

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	<p>6. Review handling and storage operations</p> <ul style="list-style-type: none"> • Monitor any changes in international codes and regulations relevant to the operations of DG and hazardous substances • Review and identify requirements to handle DG and hazardous substances on a regular basis • Initiate effective action to ensure ongoing compliance of workplace procedures and regulatory requirements
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Capable of assessing options for the safe and efficient storage of DG and hazardous substances; • Capable of applying the knowledge of handling DG and hazardous substances; • Capable of accessing the equipment and storage resources of handling DG and hazardous substances • Capable of reviewing the effectiveness of the operations of DG and hazardous substances
Remark	