

Specification of Competency Standards for the Logistics Industry

Unit of Competency

1. Title	Manage storage of dangerous goods and hazardous substances
2. Code	LOCUCT505A
3. Range	This unit of competency is applicable to logistics service providers. Practitioners should be able to apply dangerous goods and hazardous substances handling knowledge to manage the storage of dangerous goods and hazardous substances in accordance with regulatory requirements (e.g., Dangerous Goods Ordinance Cap. 295 and subsidiary regulations).
4. Level	5
5. Credit	6 (for reference only)
6. Competency	<p style="text-align: center;"><u>Performance Requirements:</u></p> <p>6.1 Knowledge of cargo handling</p> <ul style="list-style-type: none"> • Know about cargo handling of dangerous goods and hazardous substances • Know about relevant standards, codes, and regulatory requirements • Understand relevant licence or permit requirements to handle or store dangerous goods and hazardous substances • Understand company policy and procedures <p>6.2.1 Define objectives of required handling and storage operation</p> <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 <p>6.2.2 Specify equipment and system performance requirements</p> <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 <p>6.2.3 Select and evaluate handling equipment and storage resources</p> <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. <p>6.2.4 Complete documentation</p> <ul style="list-style-type: none"> • Complete workplace documentation • Document handling and storage requirements, compile report and communicate to relevant personnel <p>6.3 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 dangerous goods and hazardous substances • Review and identify requirements to handle dangerous goods and hazardous substances on a regular basis • Initiate effective action to ensure ongoing compliance of workplace procedures and regulatory requirements

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7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: <ul style="list-style-type: none">• Capable of assessing options for the safe and efficient storage of dangerous goods and hazardous substances• Capable of identifying container marks and codes• Capable of identifying required permits/licences• Capable of estimating weight and volume of dangerous goods and hazardous substances• Capable of undertaking a hazard analysis• Capable of reviewing the effectiveness of the operations of dangerous goods and hazardous substances
8. Remarks	