

**Specification of Competency Standards for the Logistics Industry**  
**Unit of Competency**

1. Title	Understand vessel types and their characteristics
2. Code	LOGGCN201A
3. Range	This unit of competency is applicable to all businesses relevant to sea freight, such as logistics companies, terminal, stevedore, transport, mid-stream operators, freight forwarding and shipping companies. Practitioners should be capable to master the characteristics and operation of cargo vessels and apply the knowledge to handle sea freight matters.
4. Level	2
5. Credit	6 ( for reference only )
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Basic knowledge of cargo vessel and its operation</p> <ul style="list-style-type: none"> <li>◆ Understand different types of cargo vessels and their major use</li> <li>◆ Understand the structure of cargo vessels and names of different parts</li> <li>◆ Understand the space allocation, size, and the handling of cargoes onboard of different vessels</li> <li>◆ Understand the interpretation and use of vessel tonnage, such as deadweight ton, gross registered tonnage, net registered tonnage, etc.</li> <li>◆ Understand the international standards and use of load line mark</li> <li>◆ Understand the procedures for ship berthing and cargo loading/unloading</li> <li>◆ Understand the matching and limitations of different cargo vessels and cargo types</li> <li>◆ Understand the loading equipment for different cargo vessels and cargo types</li> <li>◆ Understand the operational limitations of different cargo vessels</li> </ul>

	<p>6.2 Apply basic knowledge of cargo vessel and its operation</p> <ul style="list-style-type: none"> <li>◆ Apply basic knowledge of cargo vessel and its operation to communicate effectively with colleagues, supervisors and customers</li> <li>◆ Identify different cargo vessel types and arrange cargo transport operation effectively as instructed by the superior.</li> <li>◆ Apply basic knowledge of cargo vessels and its operation to master irregularities that may arise and report to superiors as soon as possible</li> <li>◆ Complete correctly all kinds of sea freight or transport related documents</li> <li>◆ Make good judgement on the matching of vessels and cargoes, the cargo space allocation onboard, the arrangement of loading/unloading equipment and resources, the arrangement of berthing method and place, etc.</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to identify different cargo vessel types and point out their characteristics related to carriage, berthing and loading/unloading; and</p> <p>(ii) Capable to understand the matching and limitations of different vessels and cargoes.</p>
8. Remarks	