

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

Functional Area - Cargo Transport and Handling

Title	Check and evaluate the stacking of bulk cargo
Code	LOCUCT312B
Range	This unit of competency is applicable to all survey companies and their surveyors who perform audit and survey tasks. Practitioners should be able to check and evaluate independently on the cargo stacking situation, and can ensure stack properly and meet the safety requirement at the time of performing audit tasks.
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Master the knowledge of bulk cargo stacking and related knowledge</p> <ul style="list-style-type: none"> <li>• Possess the basic knowledge of freight transportation</li> <li>• Understand different types and states of bulk cargo, such as pallet, powder form, etc.</li> <li>• Understand the overall knowledge of loading and unloading of docks, storage yards and mid-stream operations</li> <li>• Understand various bulk goods, such as grain, bulk, ore, rolling (bagged bulk products, etc.)</li> <li>• Understand the requirements for ship space and deck stacking cargo</li> <li>• Understand the requirements for the stacking of bulk cargo on shore, in warehouses, in containers, and various means of transportation (including ships, trains, and vehicles)</li> <li>• Understand the stability of different stacking types of goods</li> <li>• Understand the latest standardised cargo loading guidelines issued by relevant agencies/departments</li> </ul> <p>2. Individual check the stacking situation</p> <ul style="list-style-type: none"> <li>• Check and evaluate the stacking of bulk cargo</li> <li>• Check the relevant cargo is secured and stable or not</li> <li>• Check or calculate the stability of stacking different types of goods</li> <li>• Master how to use anti-movement devices, such as steel wire mesh, binding, wood, welded roof</li> <li>• Take measures to prevent the movement of goods and limit the stacking height or number of layers</li> <li>• Check whether there are sufficient warnings or safety instructions in the bulk cargo stacking area</li> <li>• Once any irregularity is found, should immediately report the defects and appropriate handling methods to the relevant operators to ensure safety</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>• Capable of mastering the overall operation of the ship, storage yard, and wharf, check the stacking of bulk goods, and ensure that the position of the goods is stable and meets safety specifications; and</li> <li>• Capable of independently inspecting the stability of bulk cargo in different situation, and accurately assessing the stability of the stacked cargo and check the implementation of safety measures</li> </ul>
Remark	