

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

1. Title	Implement safety management system for onboard container and cargo handling
2. Code	LOGSH403A
3. Range	This unit of competency is applicable in all logistics enterprises. Practitioners should be capable to handle onboard containers and cargoes safely, and control the occupational safety and health risks.
4. Level	4
5. Credit	15 ( for reference only )
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of safe handling of onboard container and cargo</p> <ul style="list-style-type: none"> <li>◆ Understand the concept of safety management of onboard container and cargo handling</li> <li>◆ Master the methods of safety management of onboard workplace, such as risk management and the control of working procedures</li> <li>◆ Understand relevant occupational safety and health legislations, guidelines of governing bodies and industrial standards</li> <li>◆ Understand the logistics activities and working procedures onboard</li> <li>◆ Understand the materials, machineries, facilities, equipment and tools used in the working procedures</li> <li>◆ Understand the responsibilities of all the onboard crews</li> <li>◆ Understand the meanings of the hand signals commonly used by signallers for onboard operation</li> </ul>

	<ul style="list-style-type: none"> <li>◆ Know about the loading / unloading or conveying equipment which may be used for onboard container and cargo handling and their operating areas and characteristics</li> <li>◆ Understand the possible dangers for onboard container and cargo handling, such as bodies falling down or being hit by containers or hooks</li> <li>◆ Understand the influence of the working environment and weather on onboard work, such as strong wind, thunderbolt, undercurrent, etc.</li> </ul> <p>6.2 Safe handling of onboard container and cargo handling</p> <ul style="list-style-type: none"> <li>◆ Arrange appropriate number of safety officers or staff</li> <li>◆ Arrange appropriate number of first-aiders in the workplace</li> <li>◆ Arrange appropriate and adequate protection equipment and onboard rescue facilities</li> <li>◆ Conduct pre- and post-work briefings</li> <li>◆ Inspect the workplace to see whether the environment is suitable, including the lighting and oil on deck</li> <li>◆ Inspect the workplace to see whether the fire fighting equipment, fire escapes and other instructions are adequate</li> <li>◆ Inspect the workplace to see whether the safety facilities and equipment, such as fences and ladders, are suitable</li> <li>◆ Inspect fall arrestors for the hatch, hatch covers, deck, hatch entrance and steps</li> </ul>
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	<ul style="list-style-type: none"> <li>◆ Ensure that the volume, weight and quantity of the container or cargo are compatible to the lifting appliances, and that the operation does not exceed the load or limit. For example, one container is being lifted each time</li> <li>◆ Select loading equipment which is more stable, such as shipboard crane, to load and unload containers</li> <li>◆ Ensure that there is good hand signal communication between loading equipment operator and the signaller</li> <li>◆ Pay attention to and give instruction the operation of loading equipment to avoid unnecessary lateral tension or impact</li> <li>◆ Inspect rope gears, guys, preventer guys, etc.</li> <li>◆ Inspect ventilation of cabins and arrange cabin air test</li> <li>◆ Conduct general safety inspections</li> <li>◆ Streamline and rationalize operation procedure work process according to the guidelines of the company</li> <li>◆ Implement relevant emergency drills</li> <li>◆ Compile guidelines or procedures on daily safety management so that the relevant staff could work effectively</li> <li>◆ Ensure that qualified personnel have gone through safety training</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to implement safety management system for onboard container and cargo handling according to corporate safety guidelines.</p>
8. Remarks	