

## Specification of Competency Standards for the Logistics Industry

### Unit of Competency

1. Title	Load and unload explosive and dangerous goods
2. Code	LOCUCT301A
3. Range	This unit of competency is applicable to logistics service providers. Practitioners should be capable of loading and unloading explosive and dangerous goods according to relevant standards, codes, and regulatory requirements (e.g., Dangerous Goods Ordinance Cap. 295 and subsidiary regulations).
4. Level	3
5. Credit	3 (for reference only)
6. Competency	<p style="text-align: center;"><u>Performance Requirements:</u></p> <p>6.1 Relevant knowledge of loading and unloading explosive and dangerous goods</p> <ul style="list-style-type: none"> <li>• Know about the special precautions and procedures, and nature of risk for load and unload explosive and dangerous goods</li> <li>• Know about the current codes of practices, safety requirements, and loading regulations</li> <li>• Understand the operations and workflows of logistics and related industries</li> </ul> <p>6.2.1 Prepare to load and unload</p> <ul style="list-style-type: none"> <li>• Identify explosive/dangerous goods and their characteristics</li> <li>• Take the compatibility of explosive/dangerous goods into account when segregating and assembling cargo for loading</li> <li>• Check loading equipment or vehicle to ensure the suitability of carrying the cargo</li> </ul> <p>6.2.2 Load/unload cargo</p> <ul style="list-style-type: none"> <li>• Load/unload vehicle with reference to relevant codes of practice, workplace procedures, and regulatory requirements on load/unload cargo</li> <li>• Segregate the cargo in accordance with subsidiary and class risk, and check the distribution of load</li> <li>• Select and apply relevant protective equipment during the loading or unloading operations</li> <li>• Follow emergency procedures in the incident/accident events when loading/unloading explosive/dangerous goods</li> </ul> <p>6.2.3 Secure and protect cargo</p> <ul style="list-style-type: none"> <li>• Secure the cargo using the load protection and restraint equipment</li> <li>• Protect the cargo safety requirements and workplace procedures</li> <li>• Ensure the load distribution is within the vehicle's safe working capacity</li> <li>• Clearly mark the vehicle to indicate the carriage of explosive/dangerous goods</li> </ul> <p>6.2.4 Check the vehicle</p> <ul style="list-style-type: none"> <li>• Inspect and check the vehicle to ensure the suitability of carrying explosive and dangerous goods</li> <li>• Ensure the vehicle can be safely stopped and parked</li> <li>• Complete the declaration of dangerous goods and relevant documentation</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>• Capable of identifying load equipments, load characteristics, and related practices</li> <li>• Capable of identifying label, markings/placards</li> <li>• Capable of distributing, segregating, and securing load for safe transport</li> <li>• Capable of loading/unloading dangerous and explosive goods</li> </ul>
8. Remarks	