

## Specification of Competency Standards for the Logistics Industry

### Unit of Competency

1. Title	Understand dangerous goods and their characteristics
2. Code	LOCUSS204A
3. Range	This unit of competency is applicable to logistics service providers. Practitioners should be capable of understanding dangerous goods and their characteristics so as to enhance the safety level of transporting and handling dangerous goods.
4. Level	2
5. Credit	3 (for reference only)
6. Competency	<p style="text-align: center;"><u>Performance Requirements:</u></p> <p>6.1 Basic knowledge of dangerous goods</p> <ul style="list-style-type: none"> <li>• Understand the classification of dangerous goods according to ICAO (International Civil Aviation Organisation) and IMO (International Maritime Organisation)</li> <li>• Understand the use of Material Safety Data Sheet (MSDS)</li> <li>• Understand the coding of different international standards systems</li> <li>• Understand the types of packing and requirements for different dangerous goods using different modes of transport</li> <li>• Understand the Emergency Procedure for Ships Carrying Dangerous Goods (EmS) used in the emergency procedures for vessels carrying dangerous goods, and the Medical first Aid Guide (MFAG) in the medical first aid guide for use in accidents involving dangerous goods</li> <li>• Understand the handling methods of different dangerous goods in different storage and delivery locations, such as in hold and on deck</li> <li>• Understand the first aid treatment during accidents involving dangerous goods</li> <li>• Understand the storing methods and requirements for different dangerous goods</li> <li>• Understand the labelling and marking of different dangerous goods</li> <li>• Understand the documentation requirements of transporting and handling dangerous goods</li> </ul> <p>6.2 Apply basic knowledge of dangerous goods and their characteristics</p> <ul style="list-style-type: none"> <li>• Assist in handling dangerous goods, e.g., verifying types of dangerous goods, checking emergency procedures for dangerous goods accidents (e.g., EmS No.), and checking first aid measures for dangerous goods accidents (e.g., MFAG No.)</li> <li>• Ensure dangerous goods are proper classified, packed, marked, labelled and documented</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 understanding dangerous goods and their characteristics</li> <li>• Capable of applying basic knowledge of dangerous goods</li> </ul>
8. Remarks	This UoC is adapted from the Logistics UoC LOCUSS202A