

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

Functional Area - Environmental Protection

Title	Apply environmental protection procedures
Code	LOCUEP301B
Range	This unit of competency is applicable to logistics service providers. Practitioners should be capable of applying basic environmental protection principles and procedures to perform their tasks. All activities should be performed with reference to relevant operating procedures and environmental protection regulations (e.g. Air Pollution Control Ordinance (Cap.311)).
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> <li>1. Knowledge of environmental protection procedures <ul style="list-style-type: none"> <li>• Understand workplace procedures</li> <li>• Understand company policy and business operations in logistics industries</li> <li>• Understand environmental protection requirements</li> </ul> </li> <li>2. Minimise the effects of pollution during work <ul style="list-style-type: none"> <li>• Take precautions to ensure spilt fuel, chemicals, lubricants, and noxious plants do not pollute the environment</li> <li>• Efficiently operate equipment and vehicles to minimise air pollution through excessive exhaust emissions</li> <li>• Keep worksites clean and tidy during work operations and dispose of waste in accordance with regulations and workplace procedures</li> <li>• Implement recycle concept to reduce the quantity of waste</li> <li>• Contain contaminant from worksites by use of appropriate traps and barriers</li> <li>• Avoid unnecessary running of engines/equipment to minimise pollution</li> <li>• Minimise noise pollution from work</li> <li>• Implement energy saving concept by switching off the lights, air-conditioning, and heating systems in workplaces whenever applicable</li> </ul> </li> <li>3. Minimise the effects of pollution during maintenance <ul style="list-style-type: none"> <li>• Take suitable precautions during maintenance and construction activities not to pollute the environment by implementing housekeeping and environmental protection precautions and procedures</li> <li>• Dispose of rubbish in designated rubbish disposal bins</li> </ul> </li> <li>4. Avoid environmental damage <ul style="list-style-type: none"> <li>• Take suitable precautions to avoid damage to sensitive sites</li> </ul> </li> <li>5. Transport/handle hazardous materials safely and environmentally <ul style="list-style-type: none"> <li>• Compliance of instructions contained in material safety data sheets in regard to safe transportation requirements in accordance with government regulations and workplace requirements</li> <li>• Dispose of contaminant according to relevant regulations (e.g. Waste Disposal Ordinance (Cap.354))</li> <li>• Handle and move hazardous materials in accordance with relevant regulations, workplace procedures and guidelines aimed at minimising the risk of environmental pollution</li> </ul> </li> </ol>

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	<ul style="list-style-type: none"> <li>• Plan routes for transporting hazardous cargoes to minimise risks of environmental pollution and contamination</li> </ul> <p>6. Complete reports and documentation</p> <ul style="list-style-type: none"> <li>• Report environmental breaches in accordance with workplace procedures</li> <li>• Documentation is accurately completed</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 taking precautions to prevent pollution to the environment within workplace and job role;</li> <li>• Capable of understanding the relevant regulatory requirements and workplace procedures to handle pollutants;</li> <li>• Capable of understanding of the relevant regulatory requirements and workplace procedures for the disposal of waste and effluent; and</li> <li>• Capable of conducting assessment to demonstrate competent performance of the following in a range of situations: (a) minimising the effects of a number of different pollutants during work in a variety of situations, (b) identifying sensitive sites, (c) disposing of contaminants, and (d) completing documentation</li> </ul>
Remark	