

## Specification of Competency Standards for the Logistics Industry

### Unit of Competency

1. Title	Assess environmental impacts of working procedures
2. Code	LOCUQM407A
3. Range	This unit of competency is applicable to all logistics companies. Practitioners should be capable to assess each working procedure when conducting the environmental assessment of its transport and logistics service project to ensure that the project complies with the company's environmental policy.
4. Level	4
5. Credit	6 ( For reference only )
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge relevant to transport and logistics service project and environmental impact assessment</p> <ul style="list-style-type: none"><li>◆ Possess experiences in designing, planning and implementing projects in transport and logistics services</li><li>◆ Understand the enterprise's commitment, policy and targets on environmental management</li><li>◆ Understand international, national and regional requirements for environmental legal controls, operation principles, standards, specifications, etc., which are relevant to transport and logistics services</li><li>◆ Understand each element that affects the environment and the impact of any change in environment</li><li>◆ Master the methods and techniques for evaluating elements that affect the environment, such as air, noise pollution, water pollution, waste management, ecosystem, views and visual sensation, cultural heritage, etc.</li></ul>

	<ul style="list-style-type: none"> <li>◆ Understand all kinds of remedial measures regarding the impact on environment</li> <li>◆ Understand the technology for monitoring and assessing the environment</li> <li>◆ Master statistical techniques relevant to environmental assessment, data collection and analysis, forecast of trends, etc.</li> </ul> <p>6.2 Assess the environmental impact of the project in transport and logistics services</p> <ul style="list-style-type: none"> <li>◆ Analyze the design proposal of the project in transport and logistics services and its environmental impact when it is in operation</li> <li>◆ Select suitable standard and assessment method</li> <li>◆ Discuss with stakeholders who may be affected by the project and come up with an acceptable standard</li> <li>◆ Identify environmental factors that may be affected by the project</li> <li>◆ Confirm the emission sources of pollution and their quantities, as well as its impact on environmental factors</li> <li>◆ Master the application of resources and assess its performance and consumption</li> <li>◆ Explore feasible remedial measures, and assess or predict their residual effects and cumulative effects</li> <li>◆ Assist project manager to design remedial measures or amend the project proposal in an appropriate manner so as to reduce the impact to an acceptable level and meet the standards</li> </ul>
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	<p style="text-align: center;">◆ Design measuring methods for environmental performance and review their effectiveness</p>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to master the project proposal of transport and logistics services and analyze its impact on environment;</li> <li>(ii) Capable to co-ordinate the project manager with the affected stakeholders, and assist the project manager to formulate feasible remedial measures;</li> <li>(iii) Capable to compile a comprehensive environmental impact assessment report; and</li> <li>(iv) Capable to assist the project manager to implement recommendations according to the environmental impact assessment report and measure environmental performance.</li> </ul>
8. Remarks	