

Specification of Competency Standards for the Logistics Industry

Unit of Competency

1. Title	Assess environmental impacts of working procedures
2. Code	LOCUEP402A
3. Range	This unit of competency is applicable to logistics service providers. Practitioners should be capable of assessing 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	3 (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"> • Possess experiences in designing, planning and implementing projects in transport and logistics services • Understand the company's commitment, policy and targets on environmental management • Understand international, national and regional requirements for environmental legal controls, operating principles, standards, specifications, etc., which are relevant to transport and logistics services • Understand each element that affects the environment and the impact of any change in environment • 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. • Understand all kinds of remedial measures regarding the impact on environment • Understand the technology for monitoring and assessing the environment • Master statistical techniques relevant to environmental assessment, data collection and analysis, forecast of trends, etc. <p>6.2 Assess the environmental impact of the project in transport and logistics services</p> <ul style="list-style-type: none"> • Analyse the design proposal of the project in transport and logistics services and its environmental impact when it is in operation • Select suitable standard and assessment method • Discuss with stakeholders who may be affected by the project and come up with an acceptable standard • Identify environmental factors that may be affected by the project • Confirm the emission sources of pollution and their quantities, as well as its impact on environmental factors • Master the application of resources and assess its performance and consumption • Explore feasible remedial measures, and assess or predict their residual effects and cumulative effects • 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 • Design measuring methods for environmental performance and review their effectiveness <p>6.3 Review environmental performance</p> <ul style="list-style-type: none"> • Establish performance indicators to evaluate the effectiveness of remedial measures • Collect actual data and/or information and compare with the pre-determined performance indicators • Identify the effectiveness of remedial measures • Provide recommendations for further improvements

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7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: <ul style="list-style-type: none">• Capable of mastering the project proposal of transport and logistics services and analysing its impact on environment• Capable of co-ordinating the project manager with the affected stakeholders, and assisting the project manager to formulate feasible remedial measures• Capable of compiling a comprehensive environmental impact assessment report• Capable of assisting the project manager to implement recommendations with reference to the environmental impact assessment report and measure environmental performance
8. Remarks	This UoC is adapted from the Logistics UoC LOCUQM407A