

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

1. Title	Check and enhance transport efficiency
2. Code	LOCUOM413A
3. Range	This unit of competency is applicable to sea freight, air freight and express operators. Practitioners should be capable to use effective ways to check and enhance transport efficiency.
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 of transport efficiency</p> <ul style="list-style-type: none"> <li>◆ Understand the concept and measurement of transport efficiency</li> <li>◆ Master cost-effectiveness analysis and income management</li> <li>◆ Master the basic analytical method of operational research and statistics</li> <li>◆ Understand major tools for transport and their operation, such as carrier, power or fuel, loading/unloading, berthing, etc.</li> <li>◆ Understand cost analysis in economics, such as the concepts of marginal cost and economies of scale</li> <li>◆ Understand different types of transport cost and their analyses</li> <li>◆ Understand the analysis of accounting cost, economic cost and cost ratios</li> <li>◆ Understand the transport operation arrangement of the company</li> <li>◆ Master the concept of cost effectiveness</li> <li>◆ Master the principles, methods and techniques for checking transport efficiency</li> </ul>

	<p>6.2 Check and enhance transport efficiency</p> <ul style="list-style-type: none"> <li>◆ Master the principles, methods and techniques for measuring and calculating transport efficiency</li> <li>◆ Collect data relevant to transport efficiency, such as various types of cost, under-utilization, empty haul, idling rate, etc.</li> <li>◆ Select suitable performance indicators as basis of transport efficiency measurement or calculation</li> <li>◆ Apply different methods to measure and calculate transport efficiency</li> <li>◆ Analyze data, reports, incident reviews, etc. and assess the efficiency of relevant transport operation</li> <li>◆ Use concepts like benchmarking, operation standards and break-even point to help conduct the assessment and analysis</li> <li>◆ Assess the needs of space enhancement</li> <li>◆ Work out proposals to reduce costs or enhance efficiency</li> <li>◆ Assess the feasibility of different proposals</li> <li>◆ Fill in transport efficiency report</li> <li>◆ Compile feasibility reports on transport efficiency enhancement</li> </ul>
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to select suitable and effective performance indicators as basis of transport efficiency measurement or calculation;</li> <li>(ii) Capable to analyze and assess the transport efficiency of the company; and</li> <li>(iii) Capable to compile reports to illustrate the feasibility of enhancing transport efficiency.</li> </ul>
<p>8. Remarks</p>	