

Specification of Competency Standards
for the Logistics
Unit of Competency.

Functional Area - Operations Management

Title	Check and enhance transport efficiency
Code	111021L4
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.
Level	4
Credit	4 (<i>Indicative Only</i>)
Competency	Performance Requirements 1. Possess the knowledge of transport efficiency • Understand the concepts and measurement of transport efficiency • Understand major tools for transport and their operation, such as carrier, power or fuel, loading/unloading, berthing, etc Master cost-effectiveness analysis and income management • Understand cost analysis in economics, such as the concepts of marginal cost and economies of scale • Understand different types of transport cost and their analyses • Understand the analysis of accounting cost, economic cost and cost ratios • Understand the transport operation arrangement of the company • Understand different KPIs on helping the management of operations efficiency both on cost, workflow, people and other key areas. • Understand the market stand and comparison for decision making and action by the company • Master the basic analytical method of operational research and statistics • Master the concepts of cost effectiveness • Master the principles, methods and techniques for checking transport efficiency • Master the principles, methods and techniques for measuring and calculating transport efficiency

	2. Check and enhance transport efficiency • Collect data relevant to transport efficiency, such as various types of cost, under-utilisation, empty haul, idling rate, etc. • Select suitable performance indicators as basis of transport efficiency measurement or calculation • Apply different methods to measure and calculate transport efficiency • Analyse data, reports, incident reviews, etc. and assess the efficiency of relevant transport operation • Use concepts like benchmarking, operation standards and break-even point to help conduct the assessment and analysis • Assess the needs of space enhancement • Work out proposals to reduce costs or enhance efficiency • Assess the feasibility of different proposals • Fill in transport efficiency report • Compile feasibility reports on transport efficiency enhancement • Develop KPI reports to measure the operation performance • Based on KPI results to identify problem areas and improvement areas in short-, mid- and long-term one • Use KPI reports to develop focus training for operations
Assessment Criteria	The integrated outcome requirements of this unit of competency are: • Capable to select suitable and effective performance indicators as basis of transport efficiency measurement or calculation; • Capable to analyse data, reports, accident reviews and other information to assess the transport efficiency of the company; and • Capable to compile reports to illustrate the feasibility of enhancing transport efficiency
Remark	This UoC is adopted from the Logistics UoC LOCUOM413B. The QF credit is adjusted from 6 to 4.