

Specification of Competency Standards
for the Logistics
Unit of Competency.

Functional Area - Operations Management

Title	Establish technical indicators for logistic machinery equipment
Code	111016L4
Range	This unit of competency is applicable to companies with logistic machinery. Practitioners should be capable to establish appropriate, effective and objective technical indicators for the company so as to manage the machinery in a more cost-effective way.
Level	4
Credit	4 (<i>Indicative Only</i>)
Competency	Performance Requirements - Knowledge of managing logistics machinery equipment - Master the types and functions of logistics machines - Master the concepts of managing logistics machinery and its roles in logistic operation - Master the characteristics of managing logistics machinery, such as the life cycle, investment return and technological development of machines - Master the types of technical indicators for logistics machinery and their calculations - Master the methods of collecting and analysing relevant data of logistics machinery - Understand matters related to the operation and possession of logistics machinery, such as licensing, legislations, occupational safety and health, environmental protection or trade standards - Establish technical indicators for logistics machinery equipment - Select appropriate technical indicators for different types of logistics machines - Formulate some basic technical indicators, such as, failure rate, utilisation period, availability rate, idling rate and cost effectiveness - Formulate specific technical indicators for a certain type of logistic machine - Analyse the validity of technical indicators - The validity of using and analysing technical indicators - Test the validity and practicality of technical indicators - Collect views and feedback from the staff who operate the machines, including operators and supervisors - Revise the standards of technical indicators - Record the operational data of logistic machinery - Compile reports on the efficiency of logistics machinery
Assessment Criteria	The integrated outcome requirements of this unit of competency are: - Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximise the utilisation of machinery; - Capable to collect the operational data and information of logistics machinery; and - Capable to compile evaluation reports on technical indicators for machinery
Remark	This UoC is adopted from the Logistics UoC LOCUOM406B. The QF credit is adjusted from 6 to 4.