

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

Functional Area - Quality Management

Title	Test and calibrate measuring equipment
Code	LOCUQM305B
Range	This unit of competency is applicable to all logistics enterprises with measuring equipment. Practitioners should be capable to test and calibrate major equipment that affects the quality of transport and logistics services.
Level	3
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge of management for transport and logistics service quality as well as for measuring equipment</p> <ul style="list-style-type: none"> <li>• Understand the concepts of quality management</li> <li>• Familiar with the company's quality management system, policy and targets</li> <li>• Understand the impact of major measuring equipment, such as those on weight, length, temperature, time, direction, speed, etc., on the quality of transport and logistics services</li> <li>• Familiar with the standards and relevant legal requirements for testing, calibration and adjustment, etc. of major measuring equipment used in transport and logistics services</li> <li>• Understand local and international standards and methods for testing and calibration of each kind of measuring equipment</li> <li>• Master statistical technology, analysis for uncertainty and their expression</li> </ul> <p>2. Test and calibrate measuring equipment</p> <ul style="list-style-type: none"> <li>• Define the target for testing and calibration of major measuring equipment according to their impact on the quality of transport and logistics services</li> <li>• Formulate testing and calibration plan according to internationally recognised methods and standards for testing and calibration <ul style="list-style-type: none"> <li>○ Adopt suitable measuring equipment and resources</li> <li>○ Train or employ suitable or qualified people or approved contractors</li> <li>○ Schedule the time and frequency for testing and calibration</li> <li>○ Establish file system, and maintain testing and calibration record</li> <li>○ Assess the result of testing and calibration of the equipment and its applicability</li> </ul> </li> <li>• Assist in formulating procurement specifications for measuring equipment</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>• Capable to elaborate clearly the impact of each measuring equipment on quality of transport and logistics service;</li> <li>• Capable to compile management proposals for testing and calibration of measuring equipment;</li> <li>• Capable to interpret the content of testing and calibration reports; and</li> <li>• Capable to systematically conduct testing and calibration of measuring equipment.</li> </ul>
Remark	