Specification of Competency Standards
for the Manufacturing Technology Industry
Unit of Competency

Functional Area - Product Quality Control and Testing

Title	Select and define measuring instruments and equipment needed
Code	106533L4
Range	This unit of competency is applicable to all quality control department of the corporation of Manufacturing Technology Industry. Practitioners should be capable to Select and define measuring instruments and equipment needed in accordance with the corporate development and needs
Level	4
Credit	3 （For Reference Only）
Competency	Performance Requirements 1. Understand relevant knowledge of purchasing and asdsembly of measuring instruments and equipment • Understand the operating Principles, methods and environment requirements of measuring instruments and equipment • Understand the functions, application scope and limitations of measuring instruments and equipment • Understand the demands of measuring instruments and equipment in the corporation • Understand the latest market and development trends of brands and suppliers of measuring instruments and equipment • Understand the maintenance and upgrade methods of measuring instruments and equipment 2. Purchasing and asdsembly of measuring instruments and equipment • Analyse the technical requirements and development trend of measuring instruments and equipment • Identify the advantages and disadvantages of different measuring instruments and equipment in the market • Meet the development direction of the corporation, develop an appropriate measuring instruments and equipment • Examine the demands of measuring instruments and equipment of the corporation, evaluate if the existing measuring instruments and equipment is able to cope with daily measurement work • Examine the applicability of the measuring instruments and equipment of the corporation 3. Professional handling of purchasing and asdsembly of measuring instruments and equipment • Meet the quality requirements as a precondition, screen and develop the needed measuring instruments and equipment • Ensure that the screened and developed equipment can be effectively applied in the corporation
Assessment Criteria	The integrated outcome requirements of this unit of competency are: • Capable to meet the development direction of the corporation, screen anddevelop an appropriate measuring instruments and equipment • Capable to examine the demands of measuring instruments and equipment of the corporation, evaluate if the existing measuring instruments and equipment is able to cope with daily measurement work
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