

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

Functional Area - Product Quality Control and Testing

Title	Set up and maintain quality management system
Code	106604L6
Range	This unit of competency is applicable to the quality control department of the manufacturing technology corporation. Practitioners should be capable to set up and maintain the quality management system in the work quality management, enhance the competitiveness of the corporation.
Level	6
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Understand relevant knowledge of set up and maintain quality management system <ul style="list-style-type: none"> • Know the relevant international and industrial quality management system, such as TS16949 of Auto Parts Industry, ISO13485 of Medical Equipment Industry, AS 9100 of Aviation Industry, and ISO / IEC 17025 of Internationally Recognised Laboratory Management System. • Understand corporate development strategies • Understand corporate management system • Understand the basics of international quality management system and its applications, such as ISO 9000, including quality of management responsibility at all levels of staff, quality management policies, different functions in quality management mechanism, detection of defective products and correction mechanisms, and document control mechanisms 2. Set up and maintain quality management system <ul style="list-style-type: none"> • Examine the business development strategy and select the appropriate international and industry-related quality management system; with existing corporate resources and corporate management system to set up relevant quality management system • Base on the requirements of realistic operating conditions and international and industry-related quality management systems, carry out a gap analysis. • Define the scope of application of quality management system • Review the effectiveness and efficiency of existing systems, and carry out continuous improvement • Regularly review the latest revision of the relevant international and industry quality management system and clearly find out the system changes and the characteristics. 3. Professional handling of set up and maintain quality management system <ul style="list-style-type: none"> • The established quality management system can support the development of corporation, and improve the corporate quality level and production efficiency • Compliance with local laws so as to protect the interests of corporation
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Capable to assess future trends effectively, proactively review the existing quality management system so as to meet corporate strategies. • Capable to set up and preventatively maintain the quality management system with reference to the manufacturing market and corporate operating conditions. • Capable to objectively correct, review and improve the existing quality management system when problems occur.
Remark	