

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

Functional Area - Product Design and Development

Title	Manage product development knowledge and continuously improve competence on product design
Code	106582L5
Range	This unit of competency is applicable to design and development departments of Manufacturing Technology Industry. Practitioners should be familiar with product development knowledge, capable to apply product development knowledge management and continuously enhance the product design
Level	5
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Understand the knowledge of product development management <ul style="list-style-type: none"> • Recognise all kinds of internal products processes and relevant manufacturing technologies • Understand the corporate business development strategies • Understand the concepts and ideas of knowledge management • Understand the corporate knowledge management system 2. Manage product development knowledge and continuously competence on product design <ul style="list-style-type: none"> • Carry out review after the completion of the development of project, and find ways for further improvement • Apply knowledge management systems, store, update and manage all kinds of existing product development knowledge • Arrange regular internal sharing, case studies and training, continuously enhance the level of corporate product development • Ensure that every product development staff understands the latest knowledge and requirements of product development, and avoid repeating the same mistakes 3. Professional handling of product development management knowledge <ul style="list-style-type: none"> • Respect intellectual property rights and do not plagiarise, and avoid individuals and the corporation falling into the trap of infringement
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Capable to manage product development knowledge effectively and continuously enhance the product design level of the staff • Capable to ensure that the product development knowledge of the corporation is close to the market and industry
Remark	