

Specification of Competency Standards of the Watch & Clock Industry

Unit of Competency

Functional Area: Manufacturing

Title	Formulate Plans to Improve Timepiece Manufacturing Technologies
Code	104833L6
Range	This unit of competency (UoC) is applicable in the production department of timepiece manufacturing companies. It covers the abilities to review, assess and analyze existing timepiece manufacturing technologies, and formulate plans to improve the timepiece manufacturing technologies.
Level	6
Credit	9 (for reference only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Possess the knowledge of timepiece manufacturing technologies <ul style="list-style-type: none"> • Understand issues related to manufacturing technologies faced by the industry • Understand new technology used by the industry for improvement of production quality • Understand how new technology/manufacturing technologies affect the quality of timepiece products and the organization 2. Formulate plans to improve timepiece manufacturing technologies <ul style="list-style-type: none"> • Compare different timepiece manufacturing technologies and assess local and overseas advanced timepiece manufacturing technologies • Assess the feasibility of implementing various timepiece manufacturing technologies in the organization • Master the information on timepiece manufacturing technologies and latest technological development, and introduce advanced machinery and equipment to enhance the organization's production efficiency and product quality • Set the benchmark of production technologies for the organization • Formulate plans to improve timepiece manufacturing technologies, review ongoing research projects regularly, and allocate and utilize research resources • Formulate a comprehensive development plan for timepiece manufacturing technologies to enhance competitiveness of the organization 3. Exhibit professionalism <ul style="list-style-type: none"> • Improve timepiece manufacturing technologies to enhance the production efficiency and product quality for timepiece manufacture
Assessment Criteria	<p>The integrated outcome requirement of this UoC is the ability to:</p> <ul style="list-style-type: none"> • Master timepiece manufacturing technologies, review, assess and analyze existing timepiece manufacturing technologies, assess the feasibility of implementing various timepiece manufacturing technologies in the organization, and formulate a plan to improve timepiece manufacturing technologies so as to enhance of the organization.
Remark	