

Specification of Competency Standards of the Watch & Clock Industry

Unit of Competency

Functional Area: Manufacturing

Title	Formulate Comprehensive Production Management and Performance Requirements
Code	104832L6
Range	This unit of competency (UoC) is applicable in the production department of timepiece manufacturing companies. It covers the abilities to review and analyze information and data from the production department in order to study the factors affecting production efficiency, and formulate comprehensive production management and performance requirements.
Level	6
Credit	9 (for reference only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Possess the knowledge of timepiece production management <ul style="list-style-type: none"> • Understand timepiece production system management concept • Understand timepiece production plan and production cost analysis, e.g. projected productivity • Understand the organizational work for production so that the production system can meet the requirements of the production plan • Understand the daily operation and sales plan of the organization • Understand inventory control • Master timepiece production control • Master material demand and manufacturing resources 2. Formulate comprehensive production management and performance requirements <ul style="list-style-type: none"> • Devise manufacturing resources plan for the organization, e.g. reduction of material consumption, production cost, production cycle, etc. to enhance the organization's competitiveness and production efficiency • Formulate new production system to adapt to diversified production and carry out product replacement according to the change in market demand • Plan, organize, coordinate and control the resources of manpower, materials, equipment and capital according to the business goal of the organization, targeting the market demand in the quality, quantity and cost of products, so as to produce products that meet the market demand • Analyze and consolidate data and information from the production department to investigate factors affecting production efficiency, so as to build a timepiece production system that enables the products to meet the targets in variety, quality, output, delivery date and environmental protection • Formulate comprehensive production management and performance requirements of the organization, e.g. efficiency, quality, delivery date and production/product safety 3. Exhibit professionalism <ul style="list-style-type: none"> • Build a timepiece production system that can enhance timepiece production efficiency
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> • Build a timepiece production system, including production management, production plan and inventory control; and • Formulate comprehensive production management and performance requirements for the timepiece production system to support the development of the organization.
Remark	