

Specification of Competency Standards of the Watch & Clock Industry

Unit of Competency

Functional Area: Product Management

Title	Formulate Comprehensive Strategy for Developing Technological Support and the Research and Development of Timepiece Products
Code	104875L7
Range	This unit of competency (UoC) is applicable in the research and development department of timepiece companies. It covers the abilities to formulate comprehensive corporate strategy for technological support and research of timepiece products; to summarize and integrate the new technologies and technological support within the industry or in other areas to develop innovative professional ideas, so as to improve the quality of industry-related projects, making innovative contribution to the technological support as well as research development of the watch and clock industry.
Level	7
Credit	9 (for reference only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Understand the development of comprehensive technological support and the research and development of timepiece <ul style="list-style-type: none"> • Understand the development of comprehensive technological support and the research and development of timepiece products • Possess specific knowledge in interdisciplinary areas other than the industry, and understand its relation with technological research of timepiece products 2. Formulate comprehensive strategy for developing technological support and the research and development of timepiece products <ul style="list-style-type: none"> • Make use of new technology to improve the quality of timepiece products • Introduce advanced technology from overseas to enhance production efficiency and quality • Formulate comprehensive strategy for developing technological support and the research and development <ul style="list-style-type: none"> • Develop new strategy to cope with changes in new technology • Master future technological development and devise development direction • Formulate joint technological research projects with other institutions <ul style="list-style-type: none"> • Develop relationship with academic institutions in the area of technological research • Strengthen cooperation with technological research organizations in Hong Kong, the Mainland and overseas • Formulate technological research projects • Formulate joint technological research projects • Follow up and monitor joint technological research projects • Summarize and integrate the new technologies and technological support within the industry or in other areas, lead the direction of technological support and research development for the industry, and make significant contribution to the watch and clock industry • Settle problems encountered by the industry through creative and innovative methods 3. Exhibit professionalism <ul style="list-style-type: none"> • Respect intellectual property to prevent plagiarization in product development process, so as to avoid individual person and the organization to fall into the trap of infringement
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> • Formulate comprehensive corporate strategy for technological support and research of timepiece products; and • Lead research and development projects for timepiece products and use innovative methods, so as to improve the quality of timepiece products and make contribution to the industry.
Remark	