

# Specification of Competency Standards of the Watch & Clock Industry

## Unit of Competency

### Functional Area: Product Management

Title	Execute Product Development Plan for Timepiece Products
Code	104873L5
Range	This unit of competency (UoC) is applicable in the research and development department of timepiece companies. It covers the abilities to execute the company's established product development plan for timepiece products for to tie in with the development of the company.
Level	5
Credit	6 (for reference only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> <li>1. Understand knowledge of product development <ul style="list-style-type: none"> <li>• Understand the product development plan for various kinds of products and the workflow, such as: set time schedule, allocate workforce and resources, communicate and co-ordinate with relevant departments, and make systematic evaluation on the plan, etc.</li> </ul> </li> <li>2. Execute product development plan for timepiece products <ul style="list-style-type: none"> <li>• Execute product development plan for timepiece products established by the organization <ul style="list-style-type: none"> <li>• Set time schedule <ul style="list-style-type: none"> <li>• Set time schedule to develop different kinds of projects in accordance with the established product development plan of the organization/department</li> </ul> </li> <li>• Allocate resources <ul style="list-style-type: none"> <li>• Allocate resources, such as: manpower, equipment and capital, etc. with a view to achieve the anticipated target of product development</li> </ul> </li> <li>• Communicate and co-ordinate with relevant departments <ul style="list-style-type: none"> <li>• Communicate with the departments participating in product development (such as: design department, marketing department and manufacturing department, etc.) or external organizations (such as: product accreditation organization, intellectual property organization) to facilitate the implementation of product development projects</li> </ul> </li> <li>• Conduct review <ul style="list-style-type: none"> <li>• Systematically review the progress and effectiveness of product development plan and make suggestions for improvement</li> </ul> </li> </ul> </li> <li>• Design, collect and analyze features, application and manufacture process of materials commonly used for time-piece products in the plant</li> <li>• Compare feature, quality, durability, technology and market price of movements from different origins; investigate and consider the feasibility of movement research and development, including: <ul style="list-style-type: none"> <li>• Technology support</li> <li>• Cost</li> <li>• Marketing prospect</li> <li>• Aftersales service strategies</li> <li>• Market response</li> </ul> </li> </ul> </li> <li>3. Exhibit professionalism <ul style="list-style-type: none"> <li>• Ensure that the timepiece materials/finished products/technologies comply with international safety standards</li> <li>• 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</li> </ul> </li> </ol>
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> <li>• Execute the organization's established product development plan for timepiece products to tie in with the development of the company; and</li> <li>• Review the organization's established product development plan for timepiece products and make suggestions for improvement.</li> </ul>
Remark	