

Specification of Competency Standards of the Watch & Clock Industry

Unit of Competency

Functional Area: Quality Management

Title	Master the Quality Check Standards for Movement/Components of Complete Watch
Code	104858L2
Range	This unit of competency (UoC) is applicable in factories/companies of timepiece products. It covers the abilities to master the quality check standards for movement/components of complete watch and perform quality check under instruction and by following the code of practice.
Level	2
Credit	9 (for reference only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Understand the quality check standards for movement/components of complete watch <ul style="list-style-type: none"> • Know about the basic functions and operating principle of complete watch and its components • Know about the quality check standards for mechanical movements <ul style="list-style-type: none"> • Understand the isochronism of mechanical movements <ul style="list-style-type: none"> • Accuracy rate (Isochronism) • Beat • Amplitude • Master oiling condition standards for movements • Understand the flatness and centering of balance spring • Master cleanliness • Know about the quality check standards for movement of quartz digital watch <ul style="list-style-type: none"> • Know about the testing and quality check of electronic parts of quartz digital watch • Master the display function of the LCD display panel (clarity) • Master the functioning of the push-buttons with the contact plates • Check for the contacts of the battery plates (positive and negative pole) • Know about the quality check standards for quartz analog movements <ul style="list-style-type: none"> • Know about the testing and quality check standards for electronic module • Know about the testing and quality check standards for mechanical parts 2. Master the quality check standards for movement/components of complete watch to perform quality check <ul style="list-style-type: none"> • Master the quality check standards for movement/components of complete watch, e.g.: <ul style="list-style-type: none"> • Mechanical movement • Quartz analogue movement • Quartz digital movement • Perform quality check under instruction and by following the code of practice 3. Exhibit professionalism <ul style="list-style-type: none"> • Ensure that the products meet customer requirements and international standards
Assessment Criteria	<p>The integrated outcome requirement of this UoC is the ability to:</p> <ul style="list-style-type: none"> • Master the quality check standards for movement/components of complete watch and perform quality check under instruction and by following the code of practice.
Remark	