

Unit of Competency

Functional Area: Aftersales Repair

Title	Master the Techniques for Changing Exterior Parts and Assembling Complete Watches
Code	104933L3
Range	This unit of competency (UoC) is applicable in general repair shops and aftersales repair stations for timepieces. It covers the abilities to carry out general repair of timepieces except oil cleaning procedures, including changing exterior parts and assembling complete watches.
Level	3
Credit	9 (for reference only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Understand the use of test instruments <ul style="list-style-type: none"> • Understand the basic uses and operation procedures of professional time-piece test instruments • Master the use of test instruments of various functions • Select suitable equipment and methods to solve known problems of time-piece products 2. Master the techniques for changing exterior parts and assembling <ul style="list-style-type: none"> • Select suitable movements in various respects under guidance, for example: <ul style="list-style-type: none"> • Brand of movement • Grade of movement • Functions of movement • Size of movement • Select suitable replacement movements or replaceable movements • Know the repairs and maintenance procedures before replacing movements, for example: <ul style="list-style-type: none"> • Remove the original hands • Remove the original dial • Master the steps for replacing movements <ul style="list-style-type: none"> • Re-installing the original dial • Re-installing the original hands • Master the steps of installing hands and matters for attention <ul style="list-style-type: none"> • Coordination between calendar adjustment and the hands • Hands installation order • Points to note in installing hands with additional functions • Points to note in installing second hands and conducting checks • Quality check after installation of full sets of hands • Master all steps of installing the whole movement (after the dial and hands have been installed) in the complete case and know the key points of the procedure <ul style="list-style-type: none"> • Whether the size of movement is suitable • Whether there is dust inside the case • Whether the I-ring needs to be replaced • Master the main points of various techniques and processes of changing the exterior parts of timepiece products <ul style="list-style-type: none"> • Changing the case glass • Changing the case crown • Select suitable equipment/instruments for quality check after changing exterior parts <ul style="list-style-type: none"> • Waterproof test • Accuracy test • Cleanliness test 3. Exhibit professionalism <ul style="list-style-type: none"> • Deliver aftersales service for timepieces according to the Occupational Safety and Health Ordinance and the code of practice for safety at work
Assessment Criteria	<p>The integrated outcome requirement of this UoC is the ability to:</p> <ul style="list-style-type: none"> • Carry out general repair of timepieces, including changing exterior parts and assembling complete watches.
Remark	