

Specification of Competency Standards for the Watch & Clock Industry**Unit of Competency**

1. Title	Know about the Assembling Technique of a Complete Watch
2. Code	WCZZHM101A
3. Level	1
4. Credit	18
5. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>5.1 Know about the safety requirements in a movement assembling workshop</p> <ul style="list-style-type: none"> ◆ Know about the regulations of workshop safety ◆ Know about the requirements of the workshop environment ◆ Know about the accident prevention measures ◆ Know about how to use the safety tools correctly <p>5.2 Know about the basic equipment of a movement assembling workshop</p> <ul style="list-style-type: none"> ◆ Know about the assembling methods of a movement ◆ Know about the arrangement of a movement assembling production line ◆ Know about the assembling procedure of a mechanical movement ◆ Know about the hand tools, auxiliary production tools and jigs and fixtures for the assembling of a mechanical movement ◆ Know about the hand tools, auxiliary production tools, jigs and fixtures and testing jigs for the assembling of a digital watch movement ◆ Know about the hand tools, auxiliary production tools, jigs and fixtures and testing jigs for the assembling of an analogue quartz watch movement <p>5.3 Know about the basic testing apparatus for the assembling tools of a movement</p> <ul style="list-style-type: none"> ◆ Know about the testing apparatus for a mechanical movement ◆ Know about the testing apparatus for a digital watch movement

	<ul style="list-style-type: none"> ◆ Know about the testing apparatus for an analogue quartz watch movement
5.4 Know about the structure of a Complete Watch	<ul style="list-style-type: none"> ◆ Know about the structure of a Complete Watch, such as: <ul style="list-style-type: none"> ● Movement ● Dial ● Hands
5.5 Understand the assembling methods	<ul style="list-style-type: none"> ◆ Understand the assembling methods of a Complete Watch: <ul style="list-style-type: none"> ● Mechanical watch ● Analogue quartz watch ● Digital watch ◆ Know about the assembling (production) modes of a Complete Watch: <ul style="list-style-type: none"> ● Outsourced processing system ● Contracting system ● Piece-work system ● Process-flow system (for Production line)
5.6 Know about the basic assembling procedures	<ul style="list-style-type: none"> ◆ Know about the basic assembling procedures of a Complete Watch and make adjustment subject to different designs ◆ Know about the principles of time study ◆ Arrange and coordinate the workers of different positions of the process-flow ◆ Supplementary production line: <ul style="list-style-type: none"> ● Testing of a water-proof watch case ● Cutting of winding stem and fixing of winding crown ◆ Focus on the comprehensive quality control taken by different points of a production line, especially process-flow for production line

	<ul style="list-style-type: none"> <li style="margin-left: 40px;">◆ Know about Quality testing mechanism before a Complete Watch is delivered from an assembling (production) line <p>5.7 carry out the simple assembling of a Complete Watch</p> <ul style="list-style-type: none"> <li style="margin-left: 40px;">◆ Carry out the simple assembling of a Complete Watch according to the set process of assembling of a Complete Watch and the safety regulations
6. Range	Carry out the simple assembling of a Complete Watch in a Complete Watch assembling workshop by applying different basic processes in accordance with the set process of assembling a Complete Watch and the safety regulations.
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Know about the different tools and equipment for assembling a movement, and carry out the assembling of a Complete Watch in accordance with the set process of assembling a Complete Watch and the safety regulations</p>
8. Remarks	