

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

1. Title	Master the Techniques for Making Prototypes of New Timepiece Products
2. Code	WCZZDN204A
3. Level	2
4. Credit	9
5. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>5.1 Master the selection, maintenance and use of basic tools and materials for wax prototype carving</p> <ul style="list-style-type: none"> ◆ Master the use of carving tools, including: <ul style="list-style-type: none"> • Carving knife • Wax knife • Wax file • Wax needle file • Wax grinding stone • Wax mould axis • Small crayon • Wax welding machine ◆ Master carving materials, including: <ul style="list-style-type: none"> • Moulding wax • Carving wax <p>5.2 Master basic techniques for carving wax prototype</p> <ul style="list-style-type: none"> ◆ Master carving techniques ◆ Master filing techniques ◆ Master piercing techniques ◆ Master polishing techniques ◆ Master hollow chiseling techniques ◆ Master pellet shaping techniques ◆ Master bending techniques ◆ Master welding techniques ◆ Master wax dropping techniques <p>5.3 Make prototypes</p> <ul style="list-style-type: none"> ◆ Make prototypes by applying basic techniques for carving wax prototype

6. Range	In Timepiece product workshops, capable of using basic tools and mastering basic techniques for wax prototype carving to make prototypes.
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) capable of applying basic techniques to carve wax prototypes in a regular pattern.
8. Remarks	The credit value of this unit of competency is set on the presumption that the learners already have general knowledge of workshops.