

**Specification of Competency Standards for the Jewellery Industry**  
**Unit of Competency**

1. Title	Master wax setting techniques for jewellery products
2. Code	JLZZPD207A
3. Range	This unit of competency is applicable in jewellery worksites. Practitioners should be capable to set gemstones on the wax injection mould according to the requirements of the organization or the customer under instruction, and can master gemstone setting technique prior to performing casting duty.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: right;"><u>Performance Requirements</u></p> <p>6.1 Understand the specification of gemstones and the requirement of wax mould</p> <ul style="list-style-type: none"> <li>◆ Know about the stone setting requirement stated in the order forms</li> <li>◆ Know about gemstones and meet the requirement of wax mould</li> <li>◆ Know about the effect of the flaws of gemstone on wax setting</li> </ul> <p>6.2 Master wax setting techniques</p> <ul style="list-style-type: none"> <li>◆ Master the usage of basic carving instruments</li> <li>◆ Master the technique of grinding graver</li> <li>◆ Operate small electric wax welder</li> <li>◆ Master wax setting techniques, such as: <ul style="list-style-type: none"> <li>• Prong setting</li> <li>• Bazel setting</li> <li>• Channel setting</li> <li>• Invisible setting</li> </ul> </li> </ul>

<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to master major wax setting methods, such as prong setting, bezel setting, channel setting and invisible setting; and</li> <li>(ii) Capable to fix the gemstones onto the original position to avoid them from dislocation or dropping during the entire casting process in accordance with the requirements of the organization or the customer under instruction, and ensure that this process can meet subsequent manufacturing operations.</li> </ul>
<p>8. Remarks</p>	<p>The credit value of this unit of competency is set on the presumption that the person concerned already possesses the knowledge of general gemstones.</p>