

Specification of Competency Standards for the Jewellery Industry
Unit of Competency

1. Title	Use of quality check standards and test equipments for jewellery/gemstones and parts
2. Code	JLZZQM201A
3. Range	This unit of competency is applicable in jewellery factories/worksites or workplaces relevant to the quality management of jewellery products. Practitioners should be capable to understand the workflow of jewellery manufacturing and use test equipments correctly to conduct quality check under instruction.
4. Level	2
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the requirements of quality management on jewellery products</p> <ul style="list-style-type: none"> ◆ Know about each workflow procedure in jewellery manufacturing ◆ Know about the requirements, monitor points and quality index in each procedure ◆ Know about the standard requirement of quality check for gold jewellery products, such as: <ul style="list-style-type: none"> • Weight • Fineness • Shiny/damaged surface • Hall mark ◆ Know about the requirement of quality check for jewellery products, such as: <ul style="list-style-type: none"> • Fineness of metals • Shiny/damaged metal surface • Colour/luster/damage of gemstones • Loose gemstones

	<ul style="list-style-type: none"> ◆ Know about the requirements of quality check for jewellery parts, such as: <ul style="list-style-type: none"> • Weight • Fineness • Tightness • Flexibility • Function <p>6.2 Use test equipments to check the quality of jewellery/gemstones and parts</p> <ul style="list-style-type: none"> ◆ Correct usage of the commonly used identification equipments for metals, such as: <ul style="list-style-type: none"> • Standard electric scale • Gold testing stone • X-ray Gold Tester ◆ Correct usage of commonly used identification equipments for gemstones, such as: <ul style="list-style-type: none"> • 10X lens • Dichroscope • Chelsea Colour Filter • Polariscope • Refractometer • Spectroscope ◆ Conduct quality check under instruction
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to understand clearly the workflow procedure and requirements of jewellery manufacturing; and</p> <p>(ii) Capable to use test equipments correctly and conduct quality check for jewellery products/components under instruction.</p>
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person concerned already possesses the capabilities to identify jewellery products/parts and understand the basic workflow of jewellery manufacturing.</p>