

Specification of Competency Standards for the Jewellery Industry
Unit of Competency

1. Title	Master jewellery polishing techniques
2. Code	JLZZPD209A
3. Range	This unit of competency is applicable in jewellery polishing worksites. Practitioners should be capable to operate polishing equipments and instruments to polish the rough surface of the jewellery according to the requirement of the organization or customer under instruction, and to make it smooth and shiny.
4. Level	2
5. Credit	3
6. Competency	<p align="center"><u>Performance Requirements</u></p> <p>6.1 Know about polishing machineries and occupational safety</p> <ul style="list-style-type: none"> ◆ Know how to protect the respiratory system and the industrial safety of jewellery polishing ◆ Know the practical knowledge of polishing brushes and wheels <ul style="list-style-type: none"> • The classification and functions of different kinds of bristle brushes and felt points/wheels • The order in using the polishing brushes and wheels ◆ Know about the characteristics of polishing wax <ul style="list-style-type: none"> • The grinding functions of various kinds of polishing wax • The auxillary waxes of different metals

	<p>6.2 Master jewellery polishing</p> <ul style="list-style-type: none"> ◆ Operate lapping and polishing machines ◆ Master thread polishing ◆ Operate flexible shaft machine ◆ Operate steel and agate burnishers ◆ Master the basic technique of repairing flaws on metal surface <ul style="list-style-type: none"> • Operate the burs for removing porosity • Master soldering technique for repairing bristled metal • Master laser welding technique
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to make use of the polishing equipments and instruments to polish the surface of the jewellery under instruction in accordance with the organization's code of practice and safety regulations, so that the surface will become smooth and shiny, thus fulfilling the requirement of the organization or the customer; and</p> <p>(ii) Capable to repair notable flaws during polishing process while taking into account the physical characteristics of gemstones.</p>
<p>8. Remarks</p>	<p>The credit value of this unit of competency is set on the presumption that the person concerned already possesses general knowledge on jewellery.</p>