

Specification of Competency Standards for the Jewellery Industry

Unit of Competency

1. Title	Master stone sorting techniques
2. Code	JLZZPD211A
3. Range	This unit of competency is applicable in stone sorting department relevant to jewellery manufacturing. Practitioners should be capable to perform screening duty according to the specification, quality, quantity and weight of diamonds/gemstones under instruction. They should also know how to sort the stones by workpiece or by design sketch in accordance with the requirement of customers' orders, and keep relevant information on record.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Know about the screening of diamonds/gemstones and the requirement of stone sorting</p> <ul style="list-style-type: none"> ◆ Know about the classes of specification for diamonds/gemstones <ul style="list-style-type: none"> • Size • Colour • Clarity • Cut • Inclusion • Internal flaws, fracture and rupture ◆ Know about the requirement of stone sorting by workpiece <ul style="list-style-type: none"> • Field-shaped setting • Channel wax setting • Prong setting • Channel/prong setting • Channel setting for taper stones ◆ Know about the selection of stone sieves

	<p>6.2 Perform stone sorting duty and keep relevant information on record</p> <ul style="list-style-type: none"> ◆ Operate stone sorting instruments, such as: diamond tweezers, stone sieves, 10X lens, electronic stone scale, fluorescent lamp, etc. ◆ Master the stone sorting method according to workpiece <ul style="list-style-type: none"> • Inspect if the stone has flaws, fracture and rupture • Inspect if the colour and clarity of the stones are matched • Match the cut and specification of gemstones with the metal or wax collets ◆ Keep storage record according to the surplus stone materials ◆ Master the receipt and delivery record of the stone setting department <ul style="list-style-type: none"> • The record of stone setting by workpiece • Handle the records of surplus stones and broken stones
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to perform screening duties of diamond/gemstone and stone sorting by workpiece or by design sketch in accordance with the instructions of the organization or the orders of the customer; and (ii) Capable to make accurate record of the receipt and delivery information of stone sorting, including clerical or computer information.
<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 on the characteristics of gemstones.</p>