Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Production

Title	Master trimming techniques
Code	108937L2
Range	This unit of competency is applicable to practitioners working in the goldsmithing department of jewellery manufacturing organizations. Practitioners should be capable of performing trimming and basic repair tasks by applying common goldsmithing tools/equipment and techniques according to the organization's requirements under instruction.
Level	2
Credit	6

Competency	Performance Requirements
	1. Know about trimming
	
	• Know about the fineness and characteristics of fine gold, K-gold (karat gold) and various precious metals
	• Know about the safe use of fine gold/K-gold goldsmithing tools/equipment
	• Know about various jewellery trimming processes, methods and requirements, including:
	    o Rectifying
	    o Spur cutting
	    o Setting
	    o Assembling
	    o Soldering to form the shapes/pins/revolver catches
	    o Processing box-snaps
	    o Modifying snaps/shapes
	    o Preparing the alum solution
	    o Trimming bracelets/bangles/rings
	    o Sand-papering
	    o Brushing
	• Know about the methods to prevent the wastage of precious metals
	• Know about the basic techniques for repairing the flaws on metal surfaces
	    o Use burs to remove porosity
	    o Know about the soldering technique for repairing bristled metal
	    o Know about the laser welding repairing technique
	
	2. Master trimming techniques
	
	• Master various types of trimming for jewellery and their craftsmanship, including rings, pendants, brooches, earrings, bracelets/necklaces and bangles
	• Perform simple repair tasks under instruction
	• Master the control of material loss during trimming
	
	3. Professionalism
	
	• Following the requirements of the organization, code of practice and safety guidelines, carry out trimming and basic repair tasks with a professional attitude

Assessment Criteria	The integrated outcome requirement of this unit of competency is: • Able to perform trimming and basic repair tasks by applying common goldsmithing tools/equipment and techniques according to the organization's requirements under instruction.
Remark	