

Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Production

Title	Assess comprehensive production management plans and performance requirements
Code	108961L5
Range	This unit of competency is applicable to worksite/factory managers of jewellery manufacturing organizations. Practitioners should be capable of making careful analysis and judgments. They should be able to master the information and data about the organization's production management, inventory control and manufacturing operation, and to review, analyze, assess and integrate such information, so as to effectively examine the factors affecting production efficiency and to assess the comprehensive production management plans and performance requirements, as well as to conduct regular evaluations.
Level	5
Credit	9
Competency	<p>Performance Requirements</p> <p>1. Understand the concept of production management of jewellery products</p> <ul style="list-style-type: none"> • Know about the production plans and production cost analysis of jewellery products, such as forecast production capacity • Know about the organization of the production work so that the production system can meet the requirements of the established production plans • Know about the daily operations and sales plans of the organization • Understand the inventory control of jewellery products, such as: <ul style="list-style-type: none"> ○ Economic order quantity (EOQ) ○ ABC classification method • Master the control of manufacturing of jewellery products, such as: <ul style="list-style-type: none"> ○ Single-piece sequencing ○ Streamlined workshop sequencing ○ Single-piece processing sequencing • Master the material requirements and manufacturing resources, including: <ul style="list-style-type: none"> ○ Material requirements planning (MRP), such as: <ul style="list-style-type: none"> ▪ Materials ▪ Equipment ▪ Capital ○ Manufacturing resource planning II (MRPII), such as: <ul style="list-style-type: none"> ▪ Material consumption reduction ▪ Production cost ▪ Production cycle ▪ Improving the competitiveness and production efficiency of the organization <p>2. Assess the comprehensive production management plans and performance requirements for jewellery products</p> <ul style="list-style-type: none"> • Effectively assess the comprehensive production management plans for jewellery products, including: <ul style="list-style-type: none"> ○ Material and manufacturing resource planning ○ Existing and new production systems ○ Inventory management plans • Evaluate the management plans and performance requirements, including: <ul style="list-style-type: none"> ○ Effectiveness ○ Quality ○ Cost

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	<ul style="list-style-type: none"> ○ Delivery date ○ Production/product safety • Rectify the management plans to meet the development needs of the enterprise <p>3. Professionalism</p> <ul style="list-style-type: none"> • Effectively examine the factors affecting production efficiency and assess the comprehensive production management plans and performance requirements to enhance the effectiveness of jewellery production of the organization, and conduct evaluations regularly
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to master and analyze the information on the organization's production management, inventory control and manufacturing operation; and • Evaluate and rectify the relevant plans and requirements regularly to meet the development needs of the enterprise.
Remark	