Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Logistics and Purchasing

Title	Formulate warehouse automation solutions
Code	109004L6
Range	This unit of competency is applicable to practitioners responsible for formulating policies for the logistics and procurement of jewellery. Practitioners should be capable of making critical analysis and judgments. They should be able to master the specific knowledge of logistics management and inventory control of jewellery, and formulate warehouse automation solutions so as to enhance the efficiency of warehouse operations.
Level	6
Credit	9
Competency	Performance Requirements 1. Know about warehouse automation - Know about the overall business strategy of the organization - Know about the principles of warehouse management - Know about the electronic inventory identification and management systems of the organization, such as: - Radio frequency identification system - Bar code - Know about the concepts of warehouse automation - Know about the various stages of warehouse automation, such as: - Transfer automation - Storage automation - Integrated warehouse automation - Know about the characteristics, performance and limitations of various warehouse automation equipment, such as: - Automatic order picking systems - Robotic arms - Carousels - Automated storage and retrieval systems - Retrieval systems - Have an in-depth understanding of the warehouse operations 2. Formulate warehouse automation solutions - Analyze the current situation of the warehouse to assess the feasibility of warehouse automation - Analyze the possibility of integrating the organization's electronic inventory identification and management systems with a warehouse automation system - Develop suitable warehouse automation solutions to build a smart warehouse, such as: - Local process automation - Integrated warehouse automation modules - Conduct gap analysis and effectiveness analysis on different automation solutions and make recommendations to management - Select the appropriate supplier to build the warehouse automation system and carry out relevant work on the warehouse automation system - Evaluate and set the maintenance schedules of the warehouse automation system to ensure the effective operation of the relevant equipment and instruments - Arrange suitable training to ensure that all relevant staff can operate the warehouse automation system

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	• Establish appropriate communication channels to collect staff's opinions on the warehouse automation system, review the effectiveness of the current system and make suggestions for improvement to management 3. Professionalism • Prevent any abuse or corrupt practices such as abusing or misappropriating the assets of the organization and theft. • Ensure that the inventory information provided is accurate.
Assessment Criteria	The integrated outcome requirements of this unit of competency are: • Able to develop appropriate warehouse automation solutions according to the business development of the organization; and • Collect and analyze different opinions to propose feasible improvements to the optimization plans.
Remark	