

Specification of Competency Standards
for the Automotive Industry
Unit of Competency

Functional Area - Parts Management

Title	Design the storage zone for parts and accessories
Code	108631L5
Range	This unit of competency is applicable to the practitioners in the warehouse management department. They should be capable of designing highly effective and flexible storage zones in accordance with the requirements of the storage zone and the characteristics of stock.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge (Characteristics of auto parts and accessories, and the storage methods)</p> <ul style="list-style-type: none"> • Master the characteristics of auto parts and accessories and the requirements of storage and delivery, such as temperature and humidity control. • Good understanding of the characteristics and functions of different kinds of storage devices, such as open type, closed type and loading. • Master the requirements of the overall layout of the warehouse (e.g. the storage and retrieval locations). • Good understanding of the characteristics of the tools for storage and retrieval of goods. • Master the requirements on circulation of goods and inventory level. <p>2. Performance (Design the storage zone for parts and accessories)</p> <ul style="list-style-type: none"> • Devise the storage zones for the parts and accessories (including dangerous goods) according to the warehouse management strategy, overall layout of warehouse, characteristics of goods as well as the requirements on circulation and inventory level, such as: <ul style="list-style-type: none"> ○ The types (open or closed) and dimensions of the storage bins or racks for parts and accessories ○ Quantity of different types of storage bins and racks, and the arrangement of locations ○ Gangways for the effective goods storage, retrieval and delivery processes, such as: <ul style="list-style-type: none"> ▪ quick circulation items should be placed close to the storage and retrieval points ▪ the size and circulation frequency of goods should be considered, apart from sorting by categories ▪ effective space utilisation ▪ convenient for stock taking ▪ flexibility for change of design • Draw up contingency measures to cope with temporary changes in the requirements on the storage of parts and accessories. • Establish performance indicators for the storage and logistics of goods, such as the time taken for goods storage and retrieval, storage capacity. • Review the effectiveness of the storage and logistics operation and improve the design.
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are that the practitioner shall prove that he/she is:</p> <ul style="list-style-type: none"> • Capable of designing highly effective and flexible storage zones in accordance with the warehouse management strategy and the characteristics of the inventory goods; and • Capable of improving the design of the storage zone in accordance with the performance indicators of the storage and logistics operation.

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Remark	
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