

Specification of Competency Standards
for the Arboriculture & Horticulture Industry
Unit of Competency

Functional Area - Occupational Safety and Health for the Arboriculture and Horticulture Industry

Title	Transport and store chemicals
Code	109064L2
Range	This unit of competency is applicable to frontline personnel who are engaged in chemical transportation and storage in the arboriculture and horticulture industry. Practitioners should be capable of storing, transporting and disposing of chemicals appropriately, and managing chemical warehouses properly in accordance with the safe operation procedures for the transportation and storage of chemicals.
Level	2
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to transporting and storing chemicals</p> <ul style="list-style-type: none"> • Comprehend the storage guidelines of chemical warehouses • Comprehend the procedures for handling chemical leakage • Comprehend the procedures for disposing of chemicals • Comprehend the procedures for transporting chemicals • Comprehend the stock lists, inventories and registration records of chemicals • Comprehend the content and warning system listed on the labels of chemicals, such as hazard classifications and symbols, chemical names, potential hazards, and safety measures • Comprehend the safety guidelines and relevant legislation on the transportation and storage of chemicals <p>2. Transport and store chemicals</p> <ul style="list-style-type: none"> • Following the instructions of superiors, fill in the chemical usage records and safely transport the required chemicals and chemical application tools to the work sites • Arrange the storage locations of different chemicals appropriately and put labels on the storage racks in accordance with the chemical warehouse storage guidelines of the organisation • Put chemical labels that comply with the statutory requirements or government guidelines on containers used to store chemicals • Conduct regular and surprise inspections of the stocks and expiry dates of chemicals, and record relevant information for future reference for replacement or replenishment of chemicals • Check the containers used to store chemicals regularly and handle them if leakage is found according to the established procedures • Dispose of expired or unsuitable chemicals and update the relevant inventory records • Check the temperature, humidity and ventilation measures of warehouses regularly to ensure that the chemicals are stored in a safe environment • Don suitable personal protective equipment before transporting, inspecting or handling chemicals <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Properly manage warehouses in accordance with the relevant safety guidelines of the chemical warehouses to ensure the safety of the warehouses and staff
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to read and comprehend the labels, stocks and expiry dates of chemicals;

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	<ul style="list-style-type: none">• Able to transport chemicals and chemical application tools to the work sites safely; and• Able to manage the chemicals in warehouses properly to ensure that the stored chemicals are in optimum condition.
Remark	