

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

Functional Area - Planting, Caring and Management of Plants

Title	Supervise soil management
Code	109104L3
Range	This unit of competency is applicable to supervisors who are engaged in soil management in the arboriculture and horticulture industry. Practitioners should be capable of supervising and guiding staff to carry out soil management and improvement operations according to the instructions of the work plans, as well as adjusting the work schedule in a timely manner, ensuring that the soil management operations meet the quality objectives and safety standards.
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to supervising soil management</p> <ul style="list-style-type: none"> • Comprehend the content related to soil management in the organisation's work plans • Comprehend the working procedures of soil management and the related technical requirements • Comprehend the chemical, physical and biological properties of soil • Comprehend various methods for testing the properties of soil • Possess knowledge of the ways to improve the structure and nutrient contents of soil • Comprehend the requirements on the soil for plant growth • Comprehend the qualification requirements of the staff, and the use and safety specifications of the personal protective equipment • Comprehend the quality objectives of soil management operations and the related requirements <p>2. Supervise soil management</p> <ul style="list-style-type: none"> • Explain the objectives, working procedures and points to note of the soil management work plans to the staff • Arrange the jobs of the staff and allocate relevant tools or machinery to facilitate the soil management operations • Guide staff to put on suitable personal protective equipment and conduct pre-work safety checks • Supervise staff to carry out the soil management operations, ensuring that each process meets the quality objectives and safety standards • Spot-check the soil samples within the work areas to ensure that the soil quality meets the job requirements • Inspect the work sites and record the work progress, as well as adjust the work schedule and report to superiors in a timely manner <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Keep the soil management operations proceeding in line with the objectives, ensuring that the work quality meets the requirements of the work plans
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to supervise staff to carry out soil management operations in accordance with the established codes of practice and safety guidelines; • Able to arrange the jobs of staff appropriately and allocate the required tools for them to carry out the soil management operations;

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

Functional Area - Planting, Caring and Management of Plants

	<ul style="list-style-type: none">• Able to supervise staff to properly complete the various processes and safety measures of the soil management operations, so as to ensure that the operations meet the quality objectives and safety standards; and• Able to adjust the work schedule in a timely manner to ensure that the soil management operations can be completed on schedule.
Remark	