

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

Functional Area - Planting, Caring and Management of Plants

Title	Carry out composting operations
Code	109103L2
Range	This unit of competency is applicable to frontline personnel who are engaged in composting operations in the arboriculture and horticulture industry. Practitioners should be capable of mastering the practical work skills of composting and carrying out composting operations according to the instructions of superiors.
Level	2
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to carrying out composting operations</p> <ul style="list-style-type: none"> • Comprehend the composting work plans and the related operating procedures • Comprehend the techniques and safety codes of operating the instruments and machinery required for composting • Comprehend the methods of making compost and checking its maturity <p>2. Carry out composting operations</p> <ul style="list-style-type: none"> • Operate related instruments and machinery (such as wood shredders) to shred yard waste for use • Mix the shredded yard waste with mature compost, place it in the designated composting area, and add a suitable amount of water • Record the temperature changes at the core of the compost and stir the compost from time to time to promote its maturation process • Check the maturity of the compost and make adjustments according to the work plans • Maintain and store the related instruments, tools and equipment <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Assist in monitoring and reporting the changes of the compost, and keep carrying out composting operations in an effective manner according to the instructions of superiors
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <ul style="list-style-type: none"> • Able to operate related tools and instruments properly to carry out composting operations according to the instructions of superiors.
Remark	