

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

Functional Area - Diagnosis and Treatment of Pests and Diseases

Title	Evaluate the effectiveness of monitoring and caring operations
Code	109127L5
Range	This unit of competency is applicable to technical personnel who are engaged in assessment work in the arboriculture and horticulture industry. Practitioners should be capable of analysing the health conditions of plants after treatment according to the information collected on-site, so as to evaluate the effectiveness of the monitoring and caring operations.
Level	5
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to evaluating the effectiveness of the regular monitoring and caring procedures</p> <ul style="list-style-type: none"> • Comprehend the requirements of the procedures for proper monitoring and caring for plants affected by abiotic disorders • Comprehend different kinds of abiotic disorders • Comprehend the causes of abiotic plant disorders and the corresponding caring methods • Comprehend the objectives and content of the implementation of the monitoring and caring plans by the organisation • Comprehend the methods and industry standards for evaluating the effectiveness of monitoring and caring work • Possess knowledge of the inspection and determination of the health and structural conditions of plants <p>2. Evaluate the effectiveness of the regular monitoring and caring procedures</p> <ul style="list-style-type: none"> • Make a preliminary evaluation of the infection status and the results of the caring operations according to the records of the monitoring reports • Observe the plants affected by abiotic disorders on-site when necessary, and record the health conditions of the plants after the caring operations and the responses to the caring measures • Ask staff for details about the implementation of the monitoring and caring operations to obtain information in a comprehensive manner • Analyse the information obtained through observation and the information collected • Prepare evaluation reports to explain the implementation of the monitoring and caring plans and their actual effectiveness <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Keep on optimising the caring strategies and make suggestions for improvement, so as to improve the current work plans
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to analyse the effectiveness of the monitoring and caring procedures to improve plant health conditions based on the observations made and information collected; and • Able to evaluate the effectiveness of the regular monitoring and caring plans based on the analysis results, and prepare relevant reports.
Remark	