

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

Functional Area - Planting, Caring and Management of Plants

Title	Supervise hydroseeding operations
Code	109116L3
Range	This unit of competency is applicable to supervisors who are engaged in hydroseeding operations in the arboriculture and horticulture industry. Practitioners should be capable of supervising and guiding staff in carrying out hydroseeding operations in accordance with the requirements of the work plans, as well as adjusting the work schedule in a timely manner, ensuring that the hydroseeding operations meet the quality objectives and safety standards.
Level	3
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to supervising hydroseeding operations</p> <ul style="list-style-type: none"> <li>• Comprehend the hydroseeding work plans of the organisation</li> <li>• Comprehend the working principles, proper use and maintenance methods of hydroseeding machinery</li> <li>• Comprehend the working procedures of hydroseeding operations and the related technical requirements</li> <li>• Comprehend the formulation for mixing hydroseeding solution</li> <li>• Comprehend the qualification requirements of the staff, and the use and safety specifications of the personal protective equipment</li> <li>• Comprehend the quality objectives of the hydroseeding operations, and the corresponding safety measures</li> <li>• Comprehend the practical arrangements for implementing temporary traffic measures</li> </ul> <p>2. Supervise hydroseeding operations</p> <ul style="list-style-type: none"> <li>• Explain the objectives, working procedures and points to note of the hydroseeding work plans to the staff</li> <li>• Arrange the jobs of the staff and allocate relevant tools to facilitate the hydroseeding operations</li> <li>• Guide staff to put on suitable personal protective equipment and conduct pre-work safety checks</li> <li>• Arrange staff to fence off the work areas and assist in implementing temporary traffic measures</li> <li>• Guide staff to mix the hydroseeding solution, ensuring that the proportion and amount of each raw material are accurate</li> <li>• Supervise staff to carry out the hydroseeding operations, ensuring that each of the processes meets the quality objectives and safety standards</li> <li>• Inspect the work sites regularly and record the work progress, as well as adjust the work schedule and report to superiors in a timely manner</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>• Able to supervise staff to carry out hydroseeding operations in accordance with the established work plans;</li> <li>• Able to arrange the jobs of staff appropriately and allocate the required tools for them to carry out the hydroseeding operations;</li> <li>• Able to supervise staff to properly complete the various processes and safety measures of the hydroseeding operations, so as to ensure that the operations meet the quality objectives and safety standards; and</li> </ul>

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	<ul style="list-style-type: none"><li>• Able to adjust the work schedule in a timely manner to ensure that the hydroseeding operations can be completed on schedule.</li></ul>
Remark	