

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

Functional Area - Planting, Caring and Management of Plants

Title	Carry out hydroseeding operations
Code	109113L1
Range	This unit of competency is applicable to frontline personnel who are engaged in hydroseeding operations in the arboriculture and horticulture industry. Practitioners should be capable of mastering the skills for operating hydroseeding machinery and carrying out hydroseeding operations according to the instructions of superiors.
Level	1
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to carrying out hydroseeding operations</p> <ul style="list-style-type: none"> <li>• Comprehend the proper ways to use hydroseeding machinery</li> <li>• Comprehend the techniques and procedures of mixing hydroseeding solution</li> <li>• Comprehend the working procedures of hydroseeding operations and the related technical requirements</li> <li>• Comprehend the working guidelines and safety codes of the organisation</li> <li>• Comprehend the maintenance methods of hydroseeding machinery</li> </ul> <p>2. Carry out hydroseeding</p> <ul style="list-style-type: none"> <li>• Fence off the work areas and assist in implementing temporary traffic measures according to the instructions of superiors</li> <li>• Clear the hydroseeding areas to ensure that there are no remaining plants or rubbish</li> <li>• Mix sufficient hydroseeding solution for use according to the instructions of superiors</li> <li>• Use hydroseeding machinery to spray the hydroseeding solution over the planting areas until the planting areas are evenly covered</li> <li>• When the hydroseeding processes are completed, cover the hydroseeding areas with a protective fabric and carry out the follow-up work of hydroseeding</li> <li>• Clean up the work sites, and maintain the related machinery and tools</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 correctly operate the hydroseeding machinery to carry out the hydroseeding processes according to the instructions of superiors; and</li> <li>• Able to properly handle the follow-up work after the completion of the hydroseeding processes.</li> </ul>
Remark	