



Australian Government

AHCGRI301 Maintain roof gardens, vertical gardens and green facades

Release: 1

AHCGR1301 Maintain roof gardens, vertical gardens and green facades

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to carry out maintenance work on green infrastructure.

The unit applies to individuals who carry out maintenance on roof gardens, vertical gardens and green facades.

This unit of competency is suitable for individuals using their own judgment to deal with predictable and unpredictable problems and to decide on solutions to a range of complex problems during the maintenance process.

Licensing, legislative or certification requirements may apply to this unit in some jurisdictions, depending on the location of work and/or plant and equipment used. Users are advised to check with the relevant regulatory authorities.

Pre-requisite Unit

Nil

Unit Sector

Green Infrastructure (GRI)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan maintenance of green infrastructure	1.1 Read maintenance plan and records, determine maintenance objectives and schedule appropriate work 1.2 Identify workplace processes, practices and procedures applicable

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	to maintenance work 1.3 Check sensors and review data for anomalies, if applicable 1.4 Identify hazards and implement controls following workplace safety and environmental requirements, including planning safe access to maintenance areas for persons, materials and equipment 1.5 Determine job priorities and sequence job tasks in consultation with others on site 1.6 Identify, calculate and order materials and products for the task
2. Carry out maintenance of green infrastructure	2.1 Select, fit and use personal protective equipment (PPE) appropriate for the task 2.2 Select and check plant, equipment and tools for serviceability, and rectify and report faults 2.3 Clear drainage areas and outlets, and inspect and report on roof or building surface penetrations or pooling water 2.4 Prune or remove unwanted vegetation to encourage growth and minimise the risk of fire and other hazards 2.5 Identify pests and diseases, and apply appropriate method of eliminating or controlling according to workplace and environmental requirements 2.6 Evaluate condition of soil or growing media, top up and add ameliorants or additives, if required 2.7 Test and adjust irrigation system, if required
3. Record maintenance activities	3.1 Record plant health, burrows and nests, pest infestation and droppings if applicable 3.2 Record condition and volume of soil or growing media 3.3 Record maintenance activity undertaken, schedule next required maintenance activity, and update maintenance plan
4. Clean up	4.1 Clear work area and dispose of, reuse or recycle materials according to workplace and environmental requirements 4.2 Clean tools and equipment, check for serviceability, and report damage or faults 4.3 Store and secure tools and equipment according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Oral communication	Interact and collaborate effectively with others, including using communication tools and devices
Reading	- Interpret product information and manufacturer specifications - Research and climate and weather conditions
Writing	- Complete maintenance documentation accurately and legibly - Record information using digital technologies

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCGR1301 Maintain roof gardens, vertical gardens and green facades	Not applicable	The unit has been created to address an emerging skill or task required by industry	Newly created

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>