



**Australian Government**

# **Assessment Requirements for AHCGR1401 Construct roof gardens**

**Release: 1**

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## Modification History

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

## Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has safely constructed one roof garden with a minimum area of 4 square metres.

In completing the above, there must be evidence that the individual has:

- sequenced the building and installation process to efficiently and effectively complete the project with minimum disruption to residents and/or the community
- complied with design plans and specifications, relevant building codes and standards, and regulatory requirements
- installed systems and components to manufacturers' specifications and without damage.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- green infrastructure construction requirements for:
- maintaining integrity of waterproofing materials
- drainage systems
- irrigation systems
- storing and recycling water systems
- lighting and/or air flow systems
- anchoring plants and components
- site management and materials handling and storage
- components of roof garden construction
- risks associated with roof garden construction
- professional practice requirements in roof garden construction, including:
  - limitations and boundaries
  - roles and responsibilities of building professionals and authorities

- planting methods that comply with the growing requirements of individual plant species and cultivars
- initial establishment needs of plants used in roof gardens
- national, state, territory and local authority regulations, policies and procedures and permits relevant to roof garden construction
- national building regulations, standards and codes relevant to roof garden construction
- current and relevant work health and safety and environmental requirements relevant to roof garden construction
- plant, equipment, hand and power tools, and operator certification requirements for operation, for construction of roof garden.

## Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a green infrastructure workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - plant, equipment and power tools relevant for roof garden construction
  - personal protective equipment
- specifications:
  - specific organisational policies, procedures and processes including work health and safety and environmental documentation relevant to roof garden construction
  - building regulations, standards and codes
- relationships:
  - client or team members, designer or associated specialists to confirm construction requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, framework and/or standards.

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>