



Australian Government

Assessment Requirements for AHCTRF507 Develop sports turf management programs

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 4.0.

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 developed a management program spanning a 12-month period for at least two sports turf surfaces from the following:

- a single hole for a golf course, including tee and surrounds, rough, fairways and green
- a bowling green
- a cricket surface, including the wicket surface and outfield
- a ball sport selected from one of Australian Rules football, soccer or rugby
- a horse race track
- a sport turf surface selected from one of lawn tennis, lacrosse, hockey, polo or croquet.

There must also be evidence that the individual has:

- liaised with key stakeholders and investigated technical requirements for managing a sports turf site
- determined the scope and objectives of management program and documented in a project brief
- researched turf culture, management principles and practices, health and safety and environmental implications of managing sports turf surface
- assessed availability and quality of resources to inform maintenance program design
- assessed the condition, characteristics and usage of existing turf surface to inform maintenance program design
- developed specifications and schedule of works using a Gantt chart
- developed a list of materials and financial budget for turf management program
- communicated turf management program to key stakeholders according to workplace procedures, including:
 - a digital written report
 - a presentation to a group of stakeholders
- reviewed and documented in an electronic format at least one turf management program against actual works

- communicated planned changes and works achieved by the management program with a verbal presentation of at least 15 minutes' duration
- recorded and reported activities and changes for maintenance program according to workplace procedures.

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:

- management programs structure, design and development
- project management and scheduling, including:
 - project management tools and software
 - creating and using Gantt charts
- maintaining quality of sports turf, including:
 - impact of type of sport and frequency of usage on turf quality
 - turf varieties and characteristics
 - users' expectations
 - sport regulatory requirements
- cultural requirements of sports turf surfaces, including:
 - turf grass species, varieties and cultivars
 - soil type, characteristics, tests and interpreting results
 - nutritional requirements for different stages of turf development
 - impact of climate on turf grass species and varieties
 - sports turf maintenance requirements and techniques
 - turf establishment techniques and requirements
- sources of water supply and measures of quality, including:
 - testing and interpreting results
 - impact of water quality on soils and turf
 - advantages and disadvantages of sources of water
 - volume of water, irrigation performance and water budgets
- key stakeholders and their importance in developing a sports turf management plan, including:
 - clients and their needs
 - senior management and relevant authorisations
 - employees and their role in implementation
 - contractors and their role in implementation
- workplace health, safety and environmental constraints on management programs, including:
 - legislative requirements
 - storing and use of agricultural chemicals
 - accessing, storing and using hazardous materials

- safety procedures and practices
- strategies to communicate management programs to key stakeholders, including:
 - documentation
 - oral presentations
 - visual presentations
 - electronic presentations
- assets required for sports turf maintenance, including:
 - quality water supply
 - equipment and machinery
 - suitably trained human resources
 - materials and consumables
- record keeping and reporting procedures.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a sports turf facility or an environment that accurately represents workplace conditions
 - access to two sporting venues specified in the performance evidence
- resources, equipment and materials:
 - internet access and computers for researching and documenting a sports turf management program
- specifications:
 - workplace procedures relevant to the development of sports turf management programs
 - sports turf industry standards
 - rules, regulations and standards for two of the sports specified in the performance evidence
- relationships:
 - stakeholders.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks 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>