



Australian Government

AHCTRF501 Plan the establishment of sports turf playing surfaces

Release: 1

AHCTRF501 Plan the establishment of sports turf playing surfaces

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to establish sports turf playing surfaces and develop a design for the site, its specifications and work procedures. It applies to the planning processes involved in establishing turf in new constructions and major renovations of existing sports turf surfaces.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Turf (TRF)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Carry out preliminary planning activities for turf establishment	1.1 Confirm client preferences and requirements for the sports turf playing surface 1.2 Assess the site for biophysical factors, services and site modifications

Element	Performance criteria
	1.3 Research turf plant species and cultivars, legal attributes and local by-laws and restrictions that may affect the plan for turf establishment 1.4 Identify environmental implications of the planned turf establishment works and report to personnel for further research 1.5 Develop a concept plan that reflects client preferences and requirements and takes into account site factors and any identified environmental requirements and present to the client for discussion and approval
2. Determine requirements of turf establishment works	2.1 Select turf establishment procedures consistent with the concept plan according to site factors and available resources and equipment 2.2 Determine resources required for the construction of soil profiles, planting and ongoing maintenance of the playing surface 2.3 Ensure that the design of the soil profile to support the playing surface takes into account the turf use, soil characteristics and includes irrigation and drainage systems 2.4 Identify plants that are appropriate to the site and consistent with the concept plan 2.5 Calculate and cost the quantity and confirm availability with the supplier 2.6 Provide management of new turf that encourages optimal growth 2.7 Determine timelines for preparations, construction of soil profiles, planting and maintenance
3. Prepare and document the turf establishment plan and specification	3.1 Prepare designs of the soil profile and detailed plans of the scope of works, specifications and quotation based on the requirements of the turf establishment work 3.2 Develop and document on-site procedures and schedules for the establishment of the sports turf playing surface and its ongoing maintenance

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCTRF501A Plan the establishment of sports turf playing surfaces.

Links

Companion Volume implementation guides are found in VETNet -

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