



Australian Government

AHCTRF402 Plan and implement sports turf renovation

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to plan and implement sports turf renovation. It applies to greenkeepers and turf managers who plan, coordinate and supervise the renovation of a sports turf area for minor projects and seasonal renovations in the turf industry.

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. Prepare the turf renovation program	1.1 Identify the turf renovation site and undertake field measurements and tests 1.2 Select and calculate renovation materials and resource requirements 1.3 Interpret existing design plans and documentation

Element	Performance criteria
	1.4 Develop a renovation program containing the site assessment report, results of field measurements and tests, risk controls, and material and resource calculations 1.5 Develop and record schedule of works and specifications in the works program
2. Prepare renovation equipment	2.1 Check machinery maintenance logs and prepare machinery for the program 2.2 Carry out pre-operational and safety checks on tools, equipment and machinery
3. Implement the renovation program	3.1 Identify work team and contractors and coordinate work in a sequential, timely and effective manner 3.2 Organise and direct work pattern according to the schedule of works 3.3 Monitor renovation tasks and undertake remedial action 3.4 Maintain a clean and safe work area throughout and on completion of work
4. Complete renovation activities	4.1 Review site and surrounds for completion of works 4.2 Inspect and repair tools, equipment and machinery 4.3 Record expenses and review against budget 4.4 Review the renovation program for costs, scheduling, works procedures and quality of work

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 AHCTRF402A Plan and implement sports turf renovation.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AHCTRF402 Plan and implement sports turf renovation

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- conduct a site hazard identification and risk control assessment
- plan a sports turf renovation program
- document a sports turf renovation program
- develop a schedule of works and specifications for a sports turf renovation program
- implement the schedule of works for sports turf surfaces
- coordinate a work team and contractors

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of sports turf renovation
- enterprise and industry standards for turf surface appearance and quality
- environmental implications of renovation activities, turf and soil treatments, and waste disposal procedures
- field measurements, such as infiltration rate, organic fines, hardness, traction, surface smoothness and turf sward height
- planting, care and renovation scheduling requirements of grass species and cultivars
- specialist turf renovation practices to achieve high performance turf

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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