



Australian Government

Department of Education, Employment and Workplace Relations

AHCTRF402A Plan and implement sports turf renovation

Release: 1

AHCTRF402A Plan and implement sports turf renovation

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the planning and implementation of sports turf renovation and defines the standard required to: plan a sports turf renovation program; conduct a site hazard identification and risk control assessment; develop a schedule of works and specifications for a sports turf renovation program; implement the schedule of works for sports turf surfaces; coordinate the work team and contractors; document a sports turf renovation program.
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Application of the Unit

Application of the unit	This unit applies 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.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

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1. Prepare the turf renovation program	1.1. The turf renovation site is identified and field measurements and tests undertaken. 1.2. Site hazards are identified, risks assessed and controls implemented. 1.3. Renovation materials and resource requirements are selected and calculated. 1.4. Renovation costs are checked to be within budget levels and are verified by client/manager. 1.5. Existing design plans and documentation are interpreted or new design plans are developed. 1.6. A renovation program is developed containing the site assessment report, results of field measurements and tests, risk controls, and material and resource calculations. 1.7. Schedule of works and specifications are developed and recorded in the program.
2. Prepare renovation equipment	2.1. Machinery maintenance logs, maintenance plans and schedules are checked and machinery prepared for the program. 2.2. Pre-operational and safety checks are carried out on tools, equipment and machinery according to manufacturer specifications and enterprise work procedures. 2.3. Tools, equipment and machinery are calibrated and adjusted according to manufacturer guidelines and documented work method statements. 2.4. Records of checks, calibrations and adjustments are entered into workplace documentation.
3. Implement the renovation program	3.1. Enterprise work team and contractors are identified and work tasks are coordinated in a sequential, timely and effective manner in consultation with the client, superintendent or board. 3.2. Work pattern is organised and directed according to the schedule of works. 3.3. Works are supervised and executed according to Occupational Health and Safety (OHS) requirements and environmental implications. 3.4. Renovation tasks are monitored and remedial action is undertaken where necessary. 3.5. A clean and safe work area is maintained throughout and on completion of work.
4. Complete renovation	4.1. Site and surrounds are reviewed for completion of

ELEMENT	PERFORMANCE CRITERIA
activities	works and disposal of waste material. 4.2. Tools, equipment and machinery are inspected and repair and maintenance requirements logged. 4.3. Expenses are recorded and reviewed against budget. 4.4. The renovation program is reviewed for costs, scheduling, works procedures and quality of work. 4.5. A works report is documented and presented to the client/manager or board.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- interpret existing plans or develop new plans
- conduct a site hazard identification and risk control assessment
- apply renovation program specifications
- coordinate work group, contractors and own activities
- sequentially and effectively complete turf renovation in a timely and cost-effective manner
- develop and document a program of works
- use literacy skills to read, interpret and follow organisational policies and procedures, develop sequenced written instructions, record information collected accurately and legibly, and select and apply procedures to a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation, including questioning, active listening, asking for clarification, negotiating solutions and responding to a range of views
- use numeracy skills to estimate, calculate and record routine and more complex workplace measures and data
- use interpersonal skills to work with others and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- specialist turf renovation practices to achieve high performance turf
- field measurements, such as infiltration rate, organic fines, hardness, traction, surface smoothness and turf sward height
- enterprise and industry standards for turf surface appearance and quality

REQUIRED SKILLS AND KNOWLEDGE

- comparative environmental implications of renovation activities, turf and soil treatments, and waste disposal procedures
- planting, care and renovation scheduling requirements of grass species and cultivars.

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following: • plan a sports turf renovation program • conduct a site hazard identification and risk control assessment • develop a schedule of works and specifications for a sports turf renovation program • implement the schedule of works for sports turf surfaces • coordinate the work team and contractors • document a sports turf renovation program.
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole.	
Turf materials include:	• materials covering cool or warm season turf seed or plants of the species and cultivar specified by the supervisor and/or the turf renovation program.

Unit Sector(s)

Unit sector	Turf
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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