



Australian Government

AHCNAR304 Undertake direct seeding

Release: 1

AHCNAR304 Undertake direct seeding

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to plant out regeneration sites using direct seeding methods.

All work is undertaken according to site conditions and rehabilitation plan.

This unit applies to individuals who work under broad direction and use discretion and judgement in the selection and use of available resources.

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

Natural Area Restoration (NAR)

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 for direct seeding	1.1 Receive, interpret and clarify requirements for seeding 1.2 Select equipment and materials according to rehabilitation plan and site conditions and work health and safety requirements 1.3 Identify and manage work health and safety risks and hazards 1.4 Conduct pre-start equipment checks 1.5 Identify site environmental and heritage issues and implement control measures 1.6 Collect seed from local plants near the rehabilitation site for use

Element	Performance criteria
	in rehabilitation activities 1.7 Determine type and proportion of cover crop according to rehabilitation plan and site conditions 1.8 Take steps to avoid introduction of foreign plant species or incompatible species 1.9 Prepare rehabilitation site
2. Conduct direct seeding operations	2.1 Follow work health and safety policies and procedures when conducting seeding operations 2.2 Ensure direct seeding method provides adequate plant coverage according to plant type and rehabilitation plan 2.3 Minimise damage to site using direct seeding equipment and appropriate techniques 2.4 Conduct seeding activities in appropriate season and growing conditions 2.5 Carry out seeding and fertilising according to site conditions, flora type and rehabilitation plan and environmental guidelines 2.6 Apply appropriate seed mix and fertiliser according to soil, site and weather conditions, accessibility and future land use
3. Complete operations	3.1 Clean and store attachments and other equipment to manufacturer, enterprise and biosecurity requirements 3.2 Complete records and documentation

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 AHCNAR304A Undertake direct seeding.

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 AHCNAR304 Undertake direct seeding

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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:

- use direct seeding methods on revegetation sites, according to revegetation plans
- conduct work according to site procedures, regulations, work health and safety, other relevant legislation, and manufacturer specifications
- prepare the site for seeding with consideration to environmental impacts
- conduct seeding to maximise germination response
- complete seeding operations in line with site stability and environmental requirements
- operate, clean, maintain and store equipment safely and according to manufacturer instructions and organisational requirements
- apply work health and safety practices in the context of own work
- apply biosecurity measures in the context of own work

Knowledge Evidence

The candidate must demonstrate knowledge of:

- environmental procedures
- seasonality of plants identified for seeding
- equipment processes, technical capability and limitations
- equipment safety requirements
- fertiliser characteristics and application methods
- seeding methods
- soil dynamics

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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