



**Australian Government**

# **AHCECR401 Supervise ecological restoration works**

**Release: 1**

# AHCECR401 Supervise ecological restoration works

## Modification History

| Release   | Comments                                                                                                                    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0. |

## Application

This unit of competency describes the skills and knowledge required to develop work programs, organise resources and supervise ecological restoration works for revegetation programs.

The unit applies to individuals who apply specialist skills in ecological restoration and who provide solutions to technical and unpredictable problems. They work autonomously, instruct, and monitor the work of others within a team. They use discretion and judgment in the selection, allocation and use of available resources.

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

## Pre-requisite Unit

Nil

## Unit Sector

Ecological Restoration (ECR)

## Elements and Performance Criteria

| Elements                                          | Performance Criteria                                                                                                                                                                                                                                                   |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>  | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                 |
| 1. Identify scope of ecological restoration works | 1.1 Identify nature and scope of works and extent of responsibilities against project brief<br>1.2 Confirm or create site map for works<br>1.3 Determine personnel and resources required for project<br>1.4 Develop a work program to meet scheduled project outcomes |

| Elements                                            | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>    | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                     | <p>1.5 Identify potential environmental impact of proposed restoration work, and implement controls</p> <p>1.6 Identify workplace health and safety hazards, assess risks and implement, monitor and review controls</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2. Coordinate the supply of materials and equipment | <p>2.1 Identify and organise materials, equipment and resources required for project</p> <p>2.2 Calculate quantities and order materials according to quality specified in project brief</p> <p>2.3 Confirm delivery requirements with suppliers</p> <p>2.4 Reconcile specified quantity and quality of delivered materials against order and specifications</p> <p>2.5 Return substandard materials for replacement</p> <p>2.6 Store materials ready for use in line with manufacturer's guidelines</p> <p>2.7 Check equipment availability and serviceability for use on site</p>                                                                                                                                                                                                                                                                                                       |
| 3. Supervise and monitor restoration works          | <p>3.1 Coordinate work team to carry out restoration works</p> <p>3.2 Monitor changes to project brief and adjust program works to meet project outcomes</p> <p>3.3 Provide instructions to supplementary workers according to workplace procedures</p> <p>3.4 Identify, record and report difficulties in meeting project outcomes to stakeholders</p> <p>3.5 Calculate the cost of reported difficulties and forward variations for approval according to workplace procedures</p> <p>3.6 Conduct periodic quality inspection of work against project outcomes and arrange progress payments to contractors</p> <p>3.7 Monitor site for safety and environmental health throughout works, and implement action to rectify concerns</p> <p>3.8 Monitor team to ensure adherence to workplace health and safety, environmental sustainability and biosecurity policies and procedures</p> |
| 4. Prepare site for completion                      | <p>4.1 Inspect site for completion of works according to project brief</p> <p>4.2 Identify incomplete works and rectify according to the contract specification and workplace procedures</p> <p>4.3 Report restoration works to stakeholders according to workplace</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Elements                                         | Performance Criteria                                                                                   |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
|                                                  | procedures and project brief<br>4.4 Process documentation for contractors for final payment            |

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.*

| Skill              | Description                                                                                                                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading            | <ul style="list-style-type: none"> <li>Critically analyse project plans and specifications and consolidate information into schedules, programs, materials and equipment requirements, and to monitor contractor performance</li> </ul>                                                 |
| Writing            | <ul style="list-style-type: none"> <li>Develop programs and prepare reports to stakeholders, and prepare reports and documents to administer contractors, using clear and accurate language</li> </ul>                                                                                  |
| Oral communication | <ul style="list-style-type: none"> <li>Use collaborative and inclusive techniques, including active listening and questioning and reading of verbal and non-verbal signals, to convey and clarify instruction to workers and contractors and provide reports to stakeholders</li> </ul> |
| Numeracy           | <ul style="list-style-type: none"> <li>Interpret and perform calculations to analyse materials and resource requirements and to determine labour costs and quantities to accurately report on progress and determine payments</li> </ul>                                                |

## Unit Mapping Information

| Code and title current version                      | Code and title previous version                       | Comments                                                                                                                             | Equivalence status |
|-----------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| AHCECR401<br>Supervise ecological restoration works | AHCNAR401<br>Supervise natural area restoration works | Changed unit code to reflect new unit sector<br><br>Title changed<br><br>Changes to Application and Performance Criteria for clarity | Equivalent         |

| Code and title<br>current version | Code and title<br>previous version | Comments                                                                            | Equivalence status |
|-----------------------------------|------------------------------------|-------------------------------------------------------------------------------------|--------------------|
|                                   |                                    | Updated Performance<br>Evidence, Knowledge<br>Evidence and Assessment<br>Conditions |                    |

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>