



Australian Government

Assessment Requirements for AHCCFP405 Increase carbon using vegetation and/or agricultural methods

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 4.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has increased carbon using vegetation and/or agricultural methods for a designated plot of land, including:

- identified the direct and associated benefits of increasing carbon
- identified method appropriate to plot of land
- assessed risks associated with project methodology
- calculated costs of carbon project
- planned and implemented a project to increase carbon or reduce greenhouse emissions.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- how land use and management practices impact on carbon
- land management vegetation practices that can increase carbon, such as avoiding clearing of native growth, farm forestry, plantations, controlled burning of savanna, and human-induced regeneration of native forest
- agricultural practices that can increase carbon and/or reduce emissions, such as changes to beef cattle herd management, destruction of methane, feeding dietary additives to cows, changed grazing regimes, and improved herd management
- co-benefits of increased carbon, including:
 - environmental benefits: improved biodiversity above and below ground, improved air, water and soil quality, reduced greenhouse gas emissions, improved movement of water across landscape, reduced salinity/erosion/acidification/compaction, increased resilience to drought, and increased land versatility
 - social benefits: including increased resilience to drought, more stable and diverse income, healthier people and communities, and improved succession planning

- economic benefits: including diversified income streams, increased farm productivity, access to finance, increased land versatility, new skills and career development, and less income spent on supplements and fertilisers
- informal methods for measuring carbon, including use of plots, and vegetation datasets
- industry-specific carbon calculators
- baseline measurements that allow scope for improvement
- approved methods for vegetation and agriculture-based carbon farming projects
- payments available for increasing carbon levels.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - designated plot of land or animal group
 - equipment and resources relevant to method
 - access to information about vegetation or agricultural carbon farming methods and practices.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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