



Australian Government

Assessment Requirements for AHCMOM601 Analyse machinery options

Release: 2

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Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

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 analysed machinery options for a workplace, including the associated costs and potential returns on capital investments, and has demonstrated the following on at least one occasion:

- compared the productivity and suitability of different types and brands of machinery
- identified and calculated total costs associated with machinery operations
- reviewed machinery requirements for a workplace and evaluated costed alternative options
- analysed the financial costs, tax impacts and investment risks for different types of machinery
- budgeted and incorporated benchmarks of energy efficiency for total running costs of machinery
- calculated potential returns from major capital investments in machinery over designated timeframes
- documented machinery usage analysis and preferred options
- reviewed the machinery options plan and analysis of options.

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:

- benchmarking practices and procedures for determining machinery requirements, including energy efficiency, carbon footprint and water use efficiency
- capital budgeting techniques
- relevant taxation provisions relating to investment in machinery types including related technology and equipment

- risks associated with machinery investments
- analysis and planning processes required for machinery operation and location.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - machinery requirements and machinery options plan
 - machinery costs benchmark data
- timeframes:
 - according to the job requirements.

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>