



Australian Government

**Assessment Requirements for AHCAGB508
Improve agricultural sustainability using
renewable energy and recycle systems**

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

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:

- identify key parts of the enterprise operation that may be converted to renewable energy sources, reducing greenhouse emissions and recycling opportunities using key principles of sustainability
- establish a budget, organising materials and staff
- develop a plan to use renewable energy and recycling systems in agricultural systems including environmental risk management strategies
- develop workflow plan strategies and monitor progress of the plan during the implementation stages including work health and safety issues
- establish and evaluate improvement outcomes
- identify sustainability issues and implement associated systems for the use of renewable energy and recycling systems
- plan and budget cost efficient savings by implementing renewable energy of project
- monitor the plan and address contingency plans including risk management strategies
- recognise work health and safety hazards and implement control measures on the work site
- recognise environmental safety issues associated with the use of renewable energy
- organise materials, plant and human resources for implementation for the adoption of renewable energy or recycling opportunities
- measure and evaluate improvement outcomes.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- key principles of sustainability associated with using of renewable energy and recycling systems

- government legislation, regulatory requirements, licensing and subsidies
- environmental and work health and safety risk management strategies.

Assessment Conditions

Competency is to be assessed in the workplace or simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>