

Modification history

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4 .0.

AHCAGB401 XX	Plan and implement property improvements
Application	<p>This unit of competency describes the skills and knowledge required to plan and implement property improvements <u>to property infrastructure, which may include buildings, yards, fences, water supply systems, roads and tracks and fodder storage systems.</u></p> <p>This unit applies to individuals who take responsibility for their own work. They undertake a range of routine and non-routine activities and work in known and changing contexts.</p> <p>All work must be carried out to comply with workplace procedures, work health and safety legislation and codes, and sustainability practices.</p> <p>No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Agribusiness (AGB)

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. Determine the improvement to be carried out	<p>1.1 Discuss possible improvements for the planning period with the relevant people<u>stakeholders</u></p> <p>1.2 Prioritise improvements <u>and plan schedules to be implemented in line with property management and strategic plans</u></p> <p>1.3 Make plans to construct and maintain the improvements in line with medium-term property management and strategic plans</p> <p>1.4 3 Make allocations from the available budget for the planned improvements</p>
2. Arrange the design and of the layout of the property improvement	<p>2.1 Investigate alternative plans and layouts based on how appropriate they are for the management plan and environmental and work health and safety considerations<u>designs for planned improvement, taking site features into account</u></p> <p>2.2 Determine the most appropriate location for the improvement</p> <p>2.3 Determine the most appropriate design for the improvement and calculate dimensions</p> <p>2.4 2 <u>Draw up/Prepare plans for the improvement, specifying location and dimensions for the agreed improvement</u></p> <p>2.3 Seek approval from management to go ahead with property improvement, based on plans</p>
3. Order materials for property improvement	<p>3.1 Calculate materials required for the construction of the improvement from the drawn plans <u>and discuss with relevant stakeholders and discuss with relevant colleagues</u></p> <p>3.2 Obtain quotes from suppliers for the materials</p> <p>3.3 and s<u>Select suitable suppliers based on value for money and quality of service</u></p> <p>3.3 4 Place orders with the chosen suppliers for the quantities, sizes and types of materials required</p>

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Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Prepare site for installation	<p>4.1 Inspect site, and note key features for the planned property improvement</p> <p>4.2 Inform all relevant people <u>stakeholders</u>, including neighbours, of the proposed activities</p> <p>4.3 Measure and peg selected site according to the prepared plans</p> <p>4.4 Prepare the site to be ready for the improvement and take precautions to ensure that adverse environmental impacts are eliminated or minimised</p> <p>4.5 Identify and assess work health and safety hazards and take responsible action <u>to minimise risks</u> throughout the site preparation activities <u>the work</u></p>
5. Supervise implementation of property improvement	<p>5.1 Obtain all materials required for each work period and ensure they are on site ready for implementation</p> <p>5.2 Implement property improvement according to the drawn plans and the prepared schedules</p> <p>5.3 <u>Monitor work to minimise</u> Undertake all work so that adverse environmental impacts are minimised or eliminated</p> <p>5.4 Identify and assess work health and safety hazards are and take responsible action throughout the work <u>and work health and safety risks</u></p> <p>5.5 <u>4</u> Maintain communication between <u>with</u> those working at the site</p> <p>5.6 <u>5</u> Check the work regularly to ensure consistency <u>it complies</u> with the work drawn plans</p> <p>5.7 <u>6</u> Dispose of any waste material responsibly</p> <p>5.8 <u>7</u> Take corrective action where required</p>
6. Carry out and monitor planned maintenance	<p>6.1 Undertake and monitor planned maintenance to the improvement</p> <p>6.2 Take precautions throughout the maintenance works to ensure adverse environmental impacts are minimised or eliminated</p> <p>6.3 Identify and assess work health and safety hazards are and take responsible action throughout the maintenance works</p>

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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
<u>Numeracy</u>	<ul style="list-style-type: none"> • <u>Prepare drawings and sketches relevant to property improvement</u> • <u>Calculate costs of required materials and labour</u> • <u>Schedule and adjust timelines for work, as required</u>
<u>Get the work done</u>	<ul style="list-style-type: none"> • <u>Problem solve issues as they arise</u>
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Range Of Conditions

This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCAGB401 XX Plan and implement property improvement	AHCAGB401_A Implement and monitor a property improvement plan.	<u>Performance criteria clarified. Foundation skills added. Assessment requirements updated.</u>	Equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCAGB401 XX Plan and implement property improvement
Performance Evidence	
<p data-bbox="113 510 1062 622">An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has planned, and safely and effectively implemented, at least one property improvement that includes one of the following physical assets: 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.</p> <ul data-bbox="113 645 395 918" style="list-style-type: none"> • buildings • dairy sheds • shelters • stock yards • stock handling structures • fences • water supply systems • roads and tracks • soil conservation works • irrigation and drainage channels • grain and fodder storage. <p data-bbox="156 936 614 963">The candidate must provide evidence that they can:</p> <ul data-bbox="156 963 1029 1182" style="list-style-type: none"> ▲ plan and implement the construction of physical resources ▲ organise and schedule the maintenance of physical resources ▲ analyse and assess the costs and benefits of plans and layouts in the light of all considerations including: work health and safety, financial, environmental and animal welfare ▲ prepare written plans and procedures for implementation by others ▲ prepare drawn plans or sketches ▲ estimate and order the materials required ▲ follow enterprise work health and safety policies ▲ follow enterprise sustainability practices. 	
Knowledge Evidence	
<p data-bbox="113 1247 1062 1292">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:</p> <p data-bbox="113 1292 542 1314">The candidate must demonstrate knowledge of:</p> <ul data-bbox="113 1314 1013 1480" style="list-style-type: none"> • function and requirements of <u>the infrastructure requirements physical assets on the property</u> • sustainable land and water use principles and practices applicable in the region • environmental controls and codes of practice applicable to the business and to the improvement works • whole <u>of</u> property plan <u>and property planning cycles</u> • legislation, regulations and codes of practice relating to soil and water degradation issues, animal health and welfare, chemical use, building construction and workplace health and safety. 	
Assessment Conditions	
<p data-bbox="113 1545 718 1568">Assessment of skills must take place under the following conditions:</p> <ul data-bbox="113 1590 1029 1668" style="list-style-type: none"> • <u>physical conditions:</u> <ul data-bbox="156 1612 1029 1646" style="list-style-type: none"> • skills must be demonstrated in an environment that accurately represents workplace conditions • <u>resources, equipment and materials relevant to the property improvement.</u> <p data-bbox="113 1691 1037 1736">Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p> <p data-bbox="113 1736 981 1780">Competency is to be assessed in the workplace or simulated environment that accurately reflects performance in a real workplace setting.</p> <p data-bbox="113 1803 574 1825">Assessors must satisfy current standards for RTOs.</p>	

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