

Modification history

| Release | Comments |
|---------------------------|--|
| Release 2 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

| AHCLSC501 | Survey and establish site levels |
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| Application | <p>This unit of competency describes the skills and knowledge required to undertake site surveys, and map levels and issues of levels in gardens, and record site details.</p> <p>This unit applies to individuals who apply specialist skills and knowledge to surveying and establishing site levels, take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information, and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of sometimes complex problems.</p> <p>-All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity 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 | Landscape (LSC) |

| Elements | Performance Criteria |
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| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| 1. Undertake the site survey | 1.1 Determine survey items from the existing plan or client brief 1.2 Measure survey items and relevant landscape features 1.3 Take measurements and reduce with reference to the design 1.4 Check and record measurements |
| 2. Read maps and plans | 2.1 Take current magnetic declinations and magnetic bearings 2.2 Determine differences between true and magnetic north and place north points on plans 2.3 Transfer magnetic bearings to true north points on plans |
| 3. Record site details | 3.1 Record orientation and levels on site plan 3.2 Record issues of levels on site plan 3.3 Produce scale plan for a garden design 3.4 3 Present plan of site to the client |

| Foundation Skills | |
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| <i>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.</i> | |
| Skill | Description |
| Oral communication | <ul style="list-style-type: none"> Initiate discussions with client, using clear language and standard industry terminology to discuss issues of levels, garden design, and site plan |

| Unit Mapping Information | | | |
|--|--|---|---------------------------|
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCLSC501 Survey and establish site levels Release 2 | AHCLSC501 Survey and establish site levels Release 1 | Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements updated | Equivalent |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |
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| TITLE | Assessment requirements for AHCLSC501 Survey and establish site levels |
| Performance Evidence | |
| <p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has <u>surveyed and established site levels on at least one occasion, and has:</u></p> <ul style="list-style-type: none"> • <u>interpreted existing plans and client brief</u> • read maps and plans • recorded <u>ed</u> levels of survey items and site features • orientated <u>d</u> a landscape site • used <u>d</u> survey equipment • analysed <u>d</u> surveying and levelling results • mapped <u>d</u> orientation and levels and issues of levels on a scale plan • booked <u>d</u> and logged <u>d</u> results • produced <u>d</u> scale drawings for designs and costings • <u>Liaised</u> with clients. • | |
| Knowledge Evidence | |
| <p>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> <ul style="list-style-type: none"> • the principles and practices of establishing site levels, <u>including:</u> <ul style="list-style-type: none"> • techniques to deal with different garden shapes • tools, equipment and surveying instruments <u>tools and equipment used relevant to surveying and establishing site levels for landscape projects.</u> • | |
| Assessment Conditions | |
| <p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • <u>a workplace setting or an environment that accurately represent workplace conditions</u> • resources, equipment and materials: <ul style="list-style-type: none"> • <u>tools and equipment, and survey instruments applicable to surveying and establishing site levels for landscape projects</u> • specifications: <ul style="list-style-type: none"> • <u>site plans and client brief applicable to surveying and establishing site levels for landscape projects</u> • relationships: <ul style="list-style-type: none"> • <u>clients</u> • timeframes: <ul style="list-style-type: none"> • <u>according to job requirements.</u> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p> | |
| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |