

<b>Prerequisite competency completion</b>		
Not applicable. There are no prerequisite requirements.		
<b>Required forms completion</b>		
Not applicable. There are no other forms required for completion.		
<b>Mandatory Equipment (as a minimum)</b>		
Has each of the mandatory equipment items been used to gather evidence for assessment?	<b>Yes/No (Y/N)</b>	<b>Signed (Initialled)</b>
GIS data collection equipment		
computer and software		
internet connection		
<b>Knowledge Evidence</b>		
Has the candidate successfully completed the <b>Knowledge Evidence</b> requirements by demonstrating knowledge of each of the line items below?	<b>Yes/No (Y/N)</b>	<b>Signed (Initialled)</b>
geographical information system (GIS):		
– suitability of using GIS		
– requirements of using GIS		
GIS equipment and software		
asset management:		
– requirements for GIS data		
suitable software applications for using geospatial data		
equipment and software features:		
– remote positioning		
– satellite shadow reduction		
GIS equipment and software attributes:		
– end-to-end capability		
– functional ease-of-use		
– mobility		
– reliability		
– future-proofed solutions and outcomes		
geospatial data collection equipment:		
– selection of geospatial data collection equipment		
– start-up procedures		

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– functional testing of hand held devices		
– functional testing for connectivity		
GIS data		
geospatial data		
collection of geospatial data:		
– technical and business requirements		
data fields:		
– operational data fields		
– data tables		
– associated attributes of data tables		
– configuration of data fields		
global positioning system (GPS)		
using co-ordinates		
designated tree location using co-ordinates		
latitude and longitude co-ordinates (or other co-ordinate systems)		
correcting co-ordinate data		
visual correction at tree site		
tree attribute data:		
– updating tree attribute data		
– correcting tree attribute data		
data operations:		
– data collection		
– data entry		
– data accuracy		
– post-processing		
– checking data accuracy for post-processing		
GIS business operations:		
– downloading business (GIS) data		
– GIS data processing		
– GIS data analysis		

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Performance evidence		
Has the candidate successfully demonstrated the <b>Performance Evidence</b> requirements of the unit of competency AHCARB405 Perform geospatial data collection, and as per listed line items below?	Yes/No (Y/N)	Signed (Initialled)
determining technical and business requirements for geospatial data collection		
determining suitability and requirements of using geographical information system (GIS)		
determining suitability of software application for intended purpose		
consider features of remote positioning and satellite shadow reduction		
considering end-to-end capability as required		
determining asset management requirements		
considering functional ease-of-use, mobility and reliability		
evaluating future-proofed solutions and outcomes		
selecting geospatial data collection equipment		
completing relevant start-up procedures		
determining operational data fields		
determining data tables and associated attributes		
configuring fields for operational use		
undertaking functional testing of hand held device for connectivity		
using co-ordinates to locate designated trees		
correcting co-ordinate data at tree site visually as required		
updating and correcting tree attribute data as required		
collecting and entering data		
checking data for accuracy for post-processing		
downloading business data		
processing business data		
analysing data with appropriate techniques		
use of industry standard terminology		

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<b>Assessment conditions</b>			
Assessment may be conducted in a simulated or real work environment; however, determination of competency requires the application of work practices under work conditions.		<b>Yes/No (Y/N)</b>	<b>Signed (Initialled)</b>
Have assessments been demonstrated consistently over time?			
Have assessments been demonstrated in a suitable range of contexts?			
Have assessments been demonstrated with a productivity-based outcome?			
Have assessments been demonstrated with multiple assessment events and reports?			
<b>Assessor Declaration</b>			
Assessors must satisfy current standards for RTOs in the assessment of arboriculture units of competency. Has assessment been conducted only by persons who have:		<b>Yes/No (Y/N)</b>	<b>Signed (Initialled)</b>
<ul style="list-style-type: none"> <li>• arboriculture vocational competencies at least to the level being assessed?</li> </ul>			
<ul style="list-style-type: none"> <li>• current arboriculture industry skills directly relevant to the unit of competency being assessed?</li> </ul>			
<b>Assessor name</b>	<b>Assessor qualification</b>	<b>Year</b>	<b>Full Signature</b>
<b>Competency Determination</b>			
This section determines the skills and knowledge required to perform geospatial data collection required for tree plans and drawings.			<b>Competent /Not yet competent</b>
<b>The candidate is competent in performing geospatial data collection.</b>			
<b>Competency Assessment Completion</b>			
<b>Assessor name</b>	<b>Date</b>	<b>Full Signature</b>	

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