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## 3.5 Assessment mapping

### Methods of assessment mapped to the workbook

Assessment methods are the particular techniques used to gather different types of evidence. The mix of evidence gathered to demonstrate competency is dependent on the context of the assessment and the background of the candidate.

The following table outlines the different methods of assessment used in the Aspire *CPCCCM2005A Use construction tools and equipment* learner workbook.

Methods of assessment				
Assessment method	Section task	Assessment activity	Final assessment	Alternative final assessment
Question/answer	1.1, 1.2, 1.4, 2.2, 2.3, 3.1, 3.2, 3.3, 4.1, 4.2, 4.3, 5.1, 5.2	Activity 1 Activity 2 Activity 3 Activity 4 Activity 5	Part C	✓
Observation/demonstration	2.1		Part A	
Case study	1.5			
Role-play				
Training log, diary or journal				
Portfolio, reports, work samples	1.3		Part B	
Third-party reports				

## Elements and performance criteria mapped to the workbook

The following tables map the assessment activities contained in the Aspire CPCCCM2005A *Use construction tools and equipment* learner workbook to the elements and performance criteria outlined in the unit of competency.

### Assessment activity 1

Part	Element	Performance criteria
Whole activity	1	All

### Assessment activity 2

Part	Element	Performance criteria
Whole activity	2	All

### Assessment activity 3

Part	Element	Performance criteria
Whole activity	3	All

### Assessment activity 4

Part	Element	Performance criteria
Whole activity	4	All

### Assessment activity 5

Part	Element	Performance criteria
Whole activity	5	All

## Portfolio of evidence checklist

<b>Institution:</b> <b>Candidate's name:</b> <b>Unit of competency:</b> CPCCCM2005A Use construction tools and equipment <b>Trainer/assessor:</b> <b>Date:</b>		
Description of evidence to include in portfolio	Assessor's comments	Tick if
		<input type="checkbox"/> Valid <input type="checkbox"/> Sufficient <input type="checkbox"/> Current <input type="checkbox"/> Authentic
		<input type="checkbox"/> Valid <input type="checkbox"/> Sufficient <input type="checkbox"/> Current <input type="checkbox"/> Authentic
		<input type="checkbox"/> Valid <input type="checkbox"/> Sufficient <input type="checkbox"/> Current <input type="checkbox"/> Authentic
		<input type="checkbox"/> Valid <input type="checkbox"/> Sufficient <input type="checkbox"/> Current <input type="checkbox"/> Authentic
<b>Candidate signature:</b>		
<b>Assessor/trainer signature:</b>		

## Workplace assessment checklist

<b>Institution:</b> <b>Candidate's name:</b> <b>Unit of competency:</b> CPCCCM2005A <i>Use construction tools and equipment</i> <b>Trainer/assessor:</b> <b>Date:</b>
<b>Name of organisation:</b> <b>Address:</b> <b>Phone:</b> <b>Email:</b> <b>Workplace supervisor:</b>
<p>Candidate demonstrates the ability to:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> use communication skills to:<ul style="list-style-type: none"><li>– determine requirements</li><li>– enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand</li><li>– follow instructions</li><li>– read and interpret:<ul style="list-style-type: none"><li>• documentation from a variety of sources</li><li>• drawings and specifications</li></ul></li><li>– report faults</li><li>– use language and concepts appropriate to cultural differences</li><li>– use and interpret nonverbal communication, such as hand signals</li></ul></li><li><input type="checkbox"/> identify and accurately report to appropriate personnel any faults in tools, equipment or materials</li><li><input type="checkbox"/> use organisational skills, including the ability to plan and set out work</li><li><input type="checkbox"/> use teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities</li><li><input type="checkbox"/> use technological skills to use a range of mobile technology, such as two-way radio and mobile phones</li><li><input type="checkbox"/> use voice and hand signals to access and understand site-specific instructions.</li></ul>

Candidate understands:

- ☐ construction terminology
- ☐ construction tool use techniques
- ☐ job safety analysis (JSA) and safe work method statements
- ☐ plans, specifications and drawings
- ☐ quality requirements
- ☐ relevant Acts, regulations and codes of practice
- ☐ safety manuals and instructions of tools and equipment
- ☐ types, characteristics, uses and limitations of plant, tools and equipment
- ☐ workplace and equipment safety requirements.

**Workplace supervisor signature:**

## Assessment summary

<b>Institution:</b> <b>Candidate's name:</b> <b>Unit of competency:</b> CPCCCM2005A Use construction tools and equipment <b>Trainer/assessor:</b> <b>Date:</b>	
<b>Summary of evidence provided to meet unit of competency</b>	
<b>Element 1: Plan and prepare</b>	
1.1 Work instructions and operational details are obtained, confirmed and applied from relevant information for planning and preparation	
1.2 Safety (OHS) requirements are followed in accordance with safety plans and policies	
1.3 Signage and barricade requirements are identified and implemented	
1.4 Plant, tools and equipment selected to carry out tasks are consistent with job requirements, checked for serviceability, and any faults are rectified or reported prior to commencement	
1.5 Environmental requirements are identified in accordance with environmental plans and statutory and regulatory authority obligations and are applied	
<b>Element 2: Identify and select hand, power and pneumatic tools</b>	
2.1 Hand tools and power and pneumatic tools, their functions, operations and limitations are identified and selected	

2.2 OHS requirements for using hand, power and pneumatic tools are recognised and adhered to	
2.3 Pre-operational checks, including lubricants, hydraulic fluid and water, are completed according to manufacturer recommendations	
<b>Element 3: Use tools</b>	
3.1 Hand tools used are appropriate to the task and materials, and are in accordance with OHS requirements	
3.2 Power and pneumatic tools are safely and effectively used in accordance with manufacturer recommendations and state or territory OHS requirements	
3.3 Tools are sharpened and maintained	
<b>Element 4: Identify, select and use plant and equipment</b>	
4.1 Plant and equipment are selected and used consistent with OHS requirements and the needs of the job	
4.2 Pre-operational checks, including lubricants, hydraulic fluid and water, are completed according to manufacturer recommendations	
4.3 Plant and equipment are maintained in accordance with manufacturer recommendations and standard work practices	
<b>Element 5: Clean up</b>	
5.1 Work area is cleared and materials disposed of, reused or recycled in accordance with legislation, regulations, codes of practice and job specification	



5.2 Plant, tools and equipment are cleaned, checked, maintained and stored in accordance with manufacturer recommendations and standard work practices	
<b>Essential skills</b>	
<ul style="list-style-type: none"> <li>▪ Communication skills to: <ul style="list-style-type: none"> <li>– determine requirements</li> <li>– enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand</li> <li>– follow instructions</li> <li>– read and interpret: <ul style="list-style-type: none"> <li>• documentation from a variety of sources</li> <li>• drawings and specifications</li> </ul> </li> <li>– report faults</li> <li>– use language and concepts appropriate to cultural differences</li> <li>– use and interpret nonverbal communication, such as hand signals</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>▪ Identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Organisational skills, including the ability to plan and set out work</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities</li> </ul>	

<ul style="list-style-type: none"> <li>▪ Technological skills to use a range of mobile technology, such as two-way radio and mobile phones</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Voice and hand signals to access and understand site-specific instructions</li> </ul>	
<b>Essential knowledge</b>	
<ul style="list-style-type: none"> <li>▪ Construction terminology</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Construction tool use techniques</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Job safety analysis (JSA) and safe work method statements</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Plans, specifications and drawings</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Quality requirements</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Relevant Acts, regulations and codes of practice</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Safety manuals and instructions of tools and equipment</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Types, characteristics, uses and limitations of plant, tools and equipment</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Workplace and equipment safety requirements</li> </ul>	
<input type="checkbox"/> Unit of competency achieved	
<input type="checkbox"/> Unit of competency not yet achieved	
<b>Assessor/trainer signature:</b>	
<b>Candidate signature:</b>	

# References

Australian Government Department of Education, Employment and Workplace Relations 2009, *CPC08 Construction, Plumbing and Services Integrated Framework Training Package*, Construction and Property Services Industry Skills Council Ltd, Belconnen, ACT.

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