



# **CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level**

## **STUDENT ACTIVITY BOOK**

Student full name:	
Date:	

## CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level

This unit specifies the skills and knowledge required to safely perform intermediate scaffolding work.

Scaffolding work involves erecting, altering or dismantling a temporary structure to support a platform from which a person or object could fall more than four metres.

This unit applies to scaffolding work involving:

- cantilevered crane loading platforms
- cantilevered scaffolds
- spur scaffolds
- barrow ramps and sloping platforms
- scaffolding associated with perimeter safety screens and shutters
- mast climbing work platforms
- tube and coupler scaffolds (including tube and coupler covered ways and gantries).

Scaffolding work is undertaken in construction and other industries where temporary structures are erected, altered and dismantled.

Completion of the general construction induction training program, specified in the Safe Work Australia model Code of Practice: Construction Work, is required by anyone carrying out construction work. Achievement of CPCWHS1001 Prepare to work safely in the construction industry meets this requirement.

Competence in this unit does not in itself result in a licence. A licence is obtained after competence is assessed under applicable Commonwealth, state or territory work health and safety (WHS) regulations.

## STUDENT ACTIVITY BOOK

### STUDENT RECORD OF TRAINING - Student Details

Student full name:			
<i><b>DECLARATION</b> - I declare that the information contained in this application is true and correct and that all documents are genuine. Photo ID must also be provided with this application.</i>			
Student signature			
<b>Trainer/Assessor</b>			
Activity book	<b>Satisfactory</b> <input type="checkbox"/>	<b>Not satisfactory</b> <input type="checkbox"/>	
Trainer/Assessor Name			
<b>Trainer/Assessor Signature</b>		<b>Date:</b>	
<b>Trainer/Assessor comments</b>			

## Student Introduction, Instructions & Guidelines

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### Application

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Completion of the general construction induction training program, specified in the Safe Work Australia model Code of Practice: Construction Work, is required by anyone carrying out construction work. Achievement of CPCCWHS1001 Prepare to work safely in the construction industry meets this requirement.

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**Welcome to the assessment CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level.** During this assessment, you will work through a Theory Assessment and Practical Assessment with observable tasks. These activities will give you an understanding of this unit.

#### Elements covered:

1. Plan task.
2. Select and inspect plant and equipment.
3. Set up task.
4. Undertake intermediate scaffolding activities.
5. Complete task.

#### Understanding the Assessment

During your training, you will be observed working in various areas of your establishment. You will be assessed on your knowledge, skills and attitude whilst working in these areas. To be successful you must demonstrate competency on an ongoing basis. When you feel confident in a task you have undertaken or are about to undertake, notify your Trainer/Assessor so they can observe you during the task.

#### You may be assessed in any number of ways:

- You may be asked to explain how to undertake a given task
- You may be observed while carrying out a task
- You may be questioned on your ability to achieve the specified outcome
- You may have to complete various written tasks

Your Trainer/Assessor will carry out these assessments and you will be given notice as to when each assessment will take place.

**To complete your assessment for each unit, you must complete all theory and practical assessment pieces to the required standard.**

**This unit is to be assessed by Theory Assessment and Practical assessment.**

- 1. Training and Theory assessment– minimum of 2 days at 8 hrs** *This is an open activity book inclusive of multiple choice and written responses Activity book -short questions, done in class with the Trainer/Assessor. 100% accuracy to be achieved including any verbal responses. Theory assessment - Knowledge test - closed book 100% accuracy to be achieved.*
- 2. Training and Practical Assessment –** by observation- Trainer/Assessor and the Student is given a **minimum of 2 days at 8 hrs** to complete the Practical. *Practical Assessments will include oral questions and observation of the person performing the tasks. Practical Assessments are to be conducted in the work environment wherever possible. Some aspects may be conducted under simulated conditions where issues of safety and environmental damage are limiting factors.*
- 3. Mandated instrument –** Closed book theory and practical observation

### **STUDENT INSTRUCTIONS**

1. This is an open activity book
2. All questions to be attempted
3. Blue/black pen only to be used
4. Discussion with other students is permitted during activity book
5. Assistance from the assessor may be requested to clarify a question
6. All questions must be answered correctly to be successful
7. All errors made by the student to be initialled by the student
8. The assessor may ask verbal questions to clarify points to be successful
9. When you have finished the activity book, complete the coversheet and hand all to your assessor
10. More than one multiple choice answer may be correct

### **REASONABLE ADJUSTMENT**

If you have any special needs that your assessor does not know about, you should let them know as soon as possible before starting any assessment so that your assessor can make changes where possible.

### **COMPETENT**

To be found competent in this unit of competency, you must 'satisfactorily' complete all assessment instruments and be assessed as competent in both the Theory and the Practical assessment.

### **FEEDBACK**

After an assessment, your assessor should give you feedback to let you know how you went and will discuss reassessment opportunities with you if needed. This feedback, along with the assessment result, will be recorded by your assessor on the front page of this assessment.

### **APPEALS ASSESSMENT**

All Students have the right to appeal an assessment if you feel you have not been fairly assessed in either the theory or the practical for this unit. This may include a reassessment or, you can make an appeal by completing our complaints and appeals form. You can find more information about appeals in the student handbook

### **REASSESSMENT**

All Students have the right to be reassessed. You will need to discuss this option with your Trainer/Assessor. Reassessment may include further training, resit the theory assessment or practical assessment.

Guidelines depend on the regulator requirements for example reassessed on the day.

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>1. What documentation needs to be considered when planning for scaffolding tasks?</b></p> <p>a. Manufacturer specifications            b. SWMS or other risk assessment process            c. Scaffold plan            d. Erection sequence            e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>2. Who would you consult with to clarify information on structural charts or plans?</b></p> <p>a. Work health and safety officer            b. Engineer or suitably qualified person            c. Union representative            d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>3. Who can authorise changes to the installation design on a scaffold plan?</b></p> <p>a. Work health and safety officer            b. A suitably qualified person            c. Union representative            d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>4. What persons could you consult with when planning for scaffold tasks?</b></p> <p>a. Other scaffolders            b. Doggers and riggers            c. Designers and engineer's            d. Supervisors            e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>5. What else should be planned for other than hazards prior to starting work?</b>  <b>Provide six (6) examples</b></p> <p>.....            .....            .....            .....            .....            .....            .....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>6. What are four (4) ways to access workplace safety information?</b></p> <p>.....            .....            .....            .....</p>	<input type="checkbox"/>	<input type="checkbox"/>

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>7. If a high-risk worker is not working safely under a high-risk work licence, what can the work health and safety regulator do?</b></p> <p><i>List three examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>8. What must an employer provide, before you can perform new or unknown scaffolding activities?</b></p> <p><i>List four examples</i></p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>9. What obligations do employers have to ensure the health and safety of all workers?</b></p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>10. List three (3) ways you can ensure you meet the duty of care requirements.</b></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p><b>11. What types of work tasks can an intermediate scaffolder conduct on a worksite?</b> <i>Provide five (5) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>12. What is the purpose of completing a Safe Work Method Statement (SWMS)?</b></p> <p>a. Used to identify hazards</p> <p>b. Used to assess risk and document controls</p> <p>c. Used to manage hazards involved in tasks you intend to undertake</p> <p>d. Used to comply with safe work requirements</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>13. What types of information will supply details on the inspection, use and care of equipment?</b></p> <p>a. Australian standards</p> <p>b. Service and maintenance checklist and records</p> <p>c. Site general arrangement plan</p> <p>d. Manufacturer specifications</p> <p>e. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>			
<p><b>14. Briefly explain the meaning of the following terms</b></p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p><b>A Hazard</b></p> <p>.....</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p><b>A Risk</b></p> <p>.....</p> </div>				<input type="checkbox"/>	<input type="checkbox"/>



**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
15. What type of workplace hazards need to be considered prior to undertaking scaffolding activities? <i>Provide a <u>total of six (6) examples</u> relevant to scaffolding activities</i>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

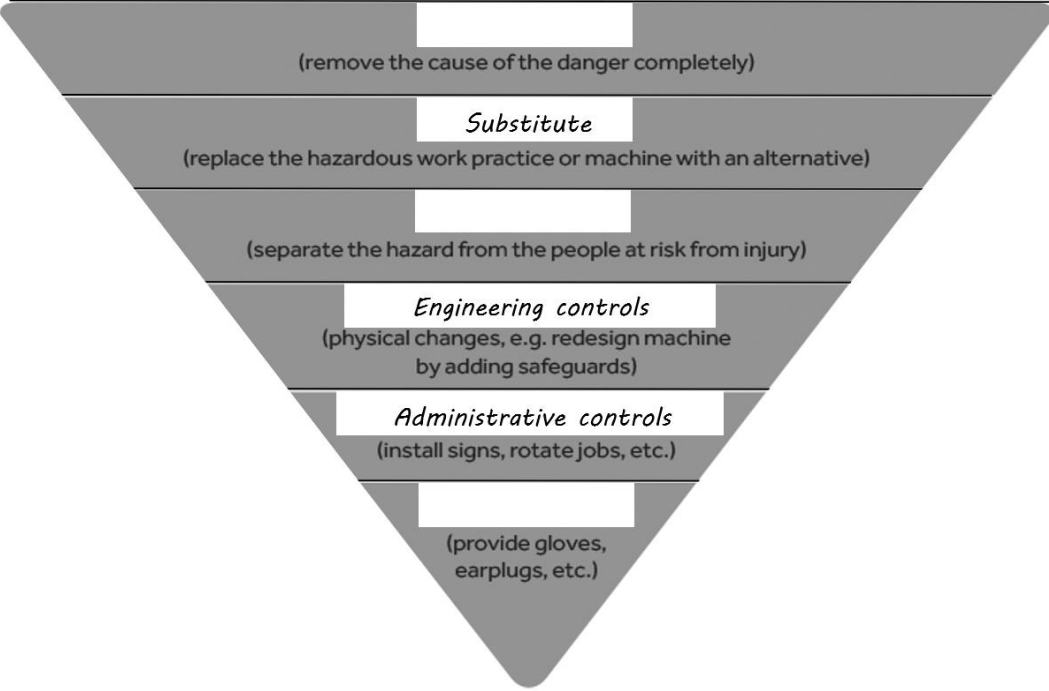
<i>Structure or environment</i>	<i>Movement</i>

<i>Underground and overhead</i>	<i>Equipment</i>

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>16. Complete the following questions</b></p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p><b>What is the risk when a crane is operating near a scaffold?</b>  <b>Provide three (3) examples of risks</b></p> <p>.....</p> <p>.....</p> <p>.....</p> </div> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p><b>What risk control measures can be put in place to control the risk?</b>  <b>Provide three (3) examples of controls</b></p> <p>.....</p> <p>.....</p> <p>.....</p> </div>				<input type="checkbox"/>	<input type="checkbox"/>

## CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level - ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
<p><b>17. What are the missing controls from the hierarchy?</b></p> <p>a. Isolate, Hesitate, Personal protective equipment</p> <p>b. Eliminate, Isolate, Personal protective equipment</p> <p>c. Hesitate, Eliminate, Personal protective equipment</p> <p>d. None of the above</p>			<input type="checkbox"/>    	<input type="checkbox"/>    	
					
<p><b>18. List three (3) visual signs to identify the location of power lines on your worksite.</b></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>   	<input type="checkbox"/>   	<p><b>19. If necessary, how can you work closer than the prescribed safe operating distance for power lines?</b></p> <p><b><i>Provide three (3) examples</i></b></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>   	<input type="checkbox"/>   

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ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS										
<p><b>20. What minimum safe distances must you maintain when working near electric lines <u>in your state</u>?</b></p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th align="left" colspan="2">QLD</th> </tr> </thead> <tbody> <tr> <td>Up to 132,000v</td> <td></td> </tr> <tr> <td>132,000v to 220,000v</td> <td></td> </tr> <tr> <td>220,000v to 275,000v</td> <td></td> </tr> <tr> <td>Above 275,000v</td> <td></td> </tr> </tbody> </table>			QLD		Up to 132,000v		132,000v to 220,000v		220,000v to 275,000v		Above 275,000v		<input type="checkbox"/>	<input type="checkbox"/>	
QLD															
Up to 132,000v															
132,000v to 220,000v															
220,000v to 275,000v															
Above 275,000v															
<p><b>21. What controls can be used to prevent access to an incomplete scaffold that will be left unattended?</b></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		<input type="checkbox"/>	<input type="checkbox"/>	<p><b>22. What activities would require the use of fall prevention and fall arrest equipment?</b></p> <p>a. Erecting or dismantling drop or hung scaffold</p> <p>b. Erecting or dismantling cantilevered needles</p> <p>c. The attachment or removal of spurs projecting from a supporting structure</p> <p>d. All the above</p>		<input type="checkbox"/>	<input type="checkbox"/>								
<p><b>23. What emergency plan or procedures must be in place regarding fall prevention and fall arrest equipment use?</b></p> <p>a. Environmental management plan</p> <p>b. Rescue procedures for fall-arrest systems</p> <p>c. Emergency plans that identify the location and method of access for the rescuer</p> <p>d. None of the above</p>		<input type="checkbox"/>	<input type="checkbox"/>	<p><b>24. How can you minimise the risk caused by tools and equipment falling from height?</b></p> <p>a. Fall arrest platforms</p> <p>b. Overhead protective structures</p> <p>c. Perimeter containment screens</p> <p>d. Exclusion zones</p> <p>e. Scaffold belt and tool lanyards</p> <p>f. All the above</p>		<input type="checkbox"/>	<input type="checkbox"/>								

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ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>25. How can you reduce manual handling and safely move tools or materials into a work area?</b></p> <ul style="list-style-type: none"> <li>a. Incorporate rest breaks into the task</li> <li>b. Hoist materials and equipment up separately</li> <li>c. Install catch platforms/safety nets before moving tools, equipment into a work area</li> <li>d. Use mechanical aids e.g., electric winch or gin wheels</li> <li>e. Delegate the task to a basic scaffolder or labourer</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>26. What type of rope should be used in a gin wheel to lift materials?</b></p> <ul style="list-style-type: none"> <li>a. Flexible steel wire rope min 16mm diameter</li> <li>b. Fibre rope min of 16mm diameter</li> <li>c. Natural fibre rope 8mm diameter</li> <li>d. None of the above</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>

## CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level - ACTIVITY BOOK

Short Questions

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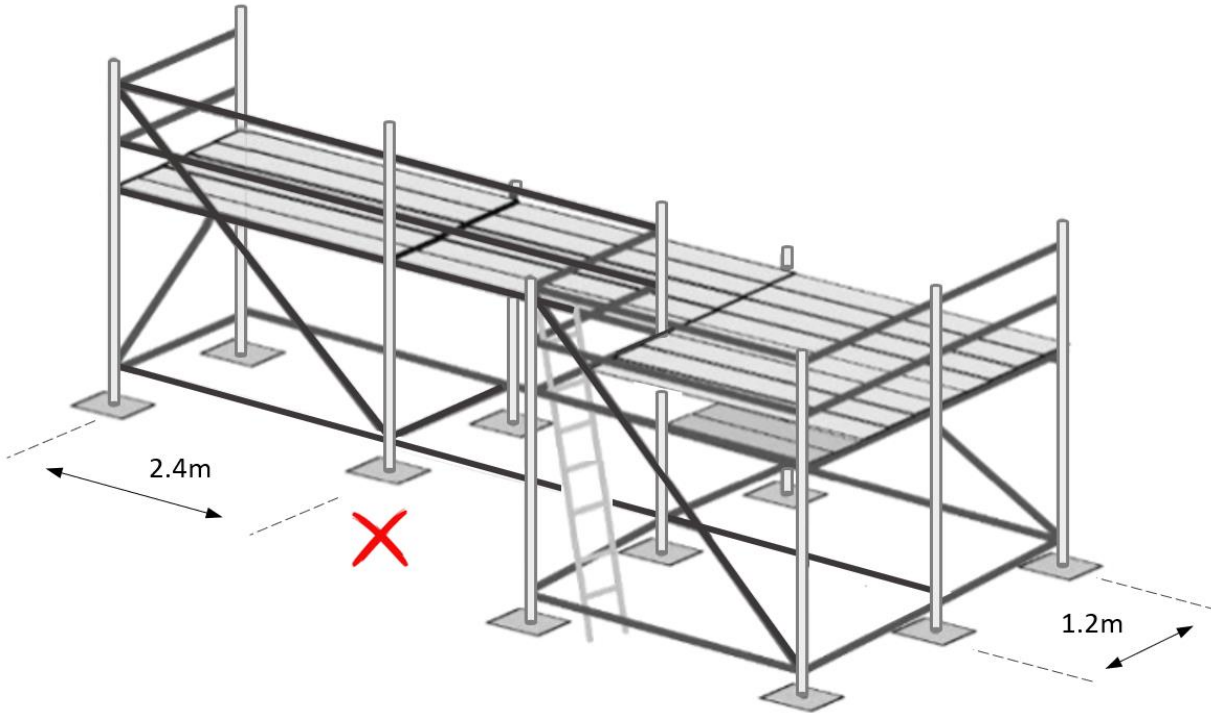
NS

Short Questions

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NS

27. Identify the required scaffold components to calculate the dead load on the base plate marked X

Component	Length m	Weight (kg)	Quantity required	Total weight (kg)
Standard	2.0	11		/
Standard	3.0	17		
Transom	1.2	7		
Ledger/Guardrail	2.4	9		
Brace (1.2m bay)	2.0	9		
Brace (2.4m bay)	3.6	16		
Captive plank 225mm	1.2	9		
Captive plank 225mm	2.4	19		
Ladder Access Putlog	1.2	7		
Adjustable base plate	0.75	6		
Ladder	0.4	19		

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Short Questions

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Short Questions

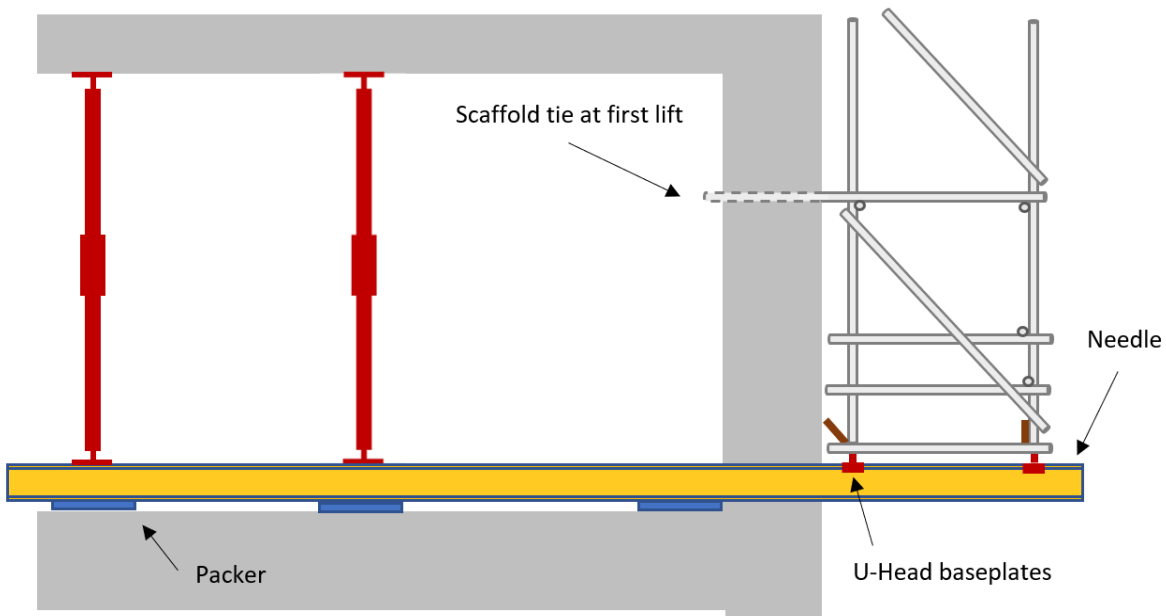
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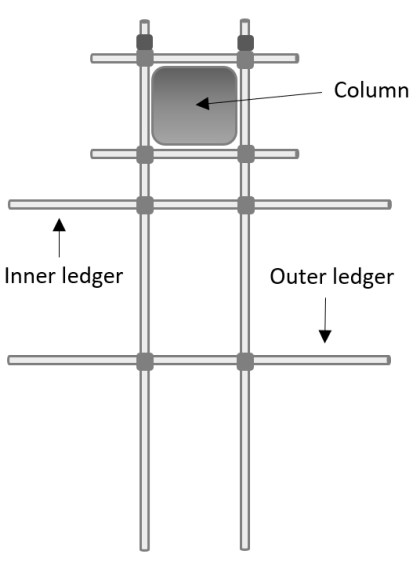
28. What rated capacity is required when adjustable props are used to support a cantilevered scaffold?



- a. The adjustable props must be rated to equal the weight that they will support
- b. The adjustable props must be rated to exceed the weight that they will support
- c. The adjustable props must be rated to 21KN
- d. None of the above



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Short Questions	S	NS	Short Questions	S	NS								
<p><b>29. Identify the quantity of scaffold components required to complete the box tie pictured below</b></p> <table border="1" style="width: 100%; margin: 10px 0;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="2">Scaffold components</th> </tr> </thead> <tbody> <tr> <td style="width: 80%;">Tie tubes</td> <td style="width: 20%;"></td> </tr> <tr> <td>Right angle couplers</td> <td></td> </tr> <tr> <td>Check coupler</td> <td></td> </tr> </tbody> </table> 	Scaffold components		Tie tubes		Right angle couplers		Check coupler		<input type="checkbox"/>	<input type="checkbox"/>	<p><b>30. What types of hand tools would an intermediate scaffolder use?</b> <i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
Scaffold components													
Tie tubes													
Right angle couplers													
Check coupler													
<p><b>31. Provide a brief description of the following terms</b></p>				<input type="checkbox"/>	<input type="checkbox"/>								
<b>Live load</b>													
<b>Dead load</b>													
<b>Static load</b>													
<b>Dynamic load</b>													
<b>Wind load</b>													
<b>Environmental load</b>													



**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
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**32. Consider the load capacity and minimum dimensions of the following work platforms and select the correct duty**

Up to 450 kg per platform per bay including a concentrated load of 150 kg. Platforms should be at least four traditional scaffold planks wide—approximately 900 mm	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Medium duty</td> <td style="width: 20%;"></td> </tr> <tr> <td>Heavy duty</td> <td></td> </tr> </table>	Medium duty		Heavy duty			
Medium duty							
Heavy duty							
Up to 225 kg per platform per bay including a concentrated load of 120 kg. Platforms should be at least two traditional scaffold planks wide—approximately 450 mm	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Light duty</td> <td style="width: 20%;"></td> </tr> <tr> <td>Medium duty</td> <td></td> </tr> <tr> <td>Special duty</td> <td></td> </tr> </table>	Light duty		Medium duty		Special duty	
Light duty							
Medium duty							
Special duty							
Up to 675 kg per platform per bay including a concentrated load of 200 kg. Platforms should be at least 1000 mm wide	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Heavy duty</td> <td style="width: 20%;"></td> </tr> <tr> <td>Special duty</td> <td></td> </tr> </table>	Heavy duty		Special duty			
Heavy duty							
Special duty							
Has a designated allowable load as designed	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Heavy duty</td> <td style="width: 20%;"></td> </tr> <tr> <td>Special duty</td> <td></td> </tr> </table>	Heavy duty		Special duty			
Heavy duty							
Special duty							

<p><b>33. What formula is required to calculate the dead load on an adjustable base plate?</b> <input type="checkbox"/> <input type="checkbox"/></p> <p>a. Weight of adjustable base plate + standard + ½ ledgers + ½ transoms + ½ braces + ¼ planks</p> <p>b. Scaffold duty ÷ 3 X number of platforms supported by the standard</p> <p>c. (Dead load + live load) ÷ ground bearing capacity ÷ soleplate width</p> <p>d. None of the above</p>			<p><b>34. What is the formula required to calculate the live load on an adjustable base plate?</b> <input type="checkbox"/> <input type="checkbox"/></p> <p>a. Adjustable base plate + Standard + ½ ledgers + ½ transoms + ½ braces + ¼ planks</p> <p>b. Scaffold duty ÷ 3 X number of platforms supported by the standard</p> <p>c. (Dead load + live load) ÷ ground bearing capacity ÷ soleplate width</p> <p>d. None of the above</p>		
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Short Questions	S	NS	Short Questions	S	NS
<p><b>35. When would you decide the best communication methods for the task and who would you establish this with?</b></p> <p>a. Ensure appropriate methods are selected  b. At the pre-start meeting or planning stage  c. Ensure all personnel understand the communications to be used  d. Relevant personnel  e. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>36. When would you select a fall arrest system (energy absorber or inertia reel) as a suitable control method?</b></p> <p>a. When working at height  b. When other risk controls are not feasible  c. When available  d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>37. What will cause a lanyard or safety harness to become unsafe for use?</b></p> <p>a. Frayed or Split  b. Chemical damage  c. UV or Heat damage  d. Out of date  e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>38. What defects would indicate that a safety net is unsafe to install?</b></p> <p>a. UV damage  b. Stretched  c. Frayed fibres or Splits  d. No tag  e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>39. Under what conditions would a safety net be installed?</b></p> <p>a. During construction to prevent unchecked falls  b. Demolition works  c. Under roof sheeting  d. Circus activities  e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>			

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Short Questions

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NS

Short Questions

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NS

40. You are required to inspect a scaffolding task in a work area with the following sign, what personal protective equipment should be selected for use?



PPE equipment selected for use	
Hard hat	
Safety boots	
Gloves	
Covid mask	
High-visibility clothing	
Hearing protection	
A hat, sight, or sun protection	
Dust mask	

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>41. When do you inspect safety equipment including personal protective equipment?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>42. Why is it necessary to inspect all scaffold components?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>43. What is required if unsafe or damaged equipment is identified?</b></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>44. What defects will indicate that a scaffold access ladder is unsafe for use?</b></p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>45. What defects will indicate that a timber scaffold plank is unsafe for use?</b></p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>46. What defects will indicate that a scaffold tube is unsafe for use?</b></p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>47. What visual indications deem couplers unsafe for use?</b></p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>48. What checks should be made when selecting two-way radio communication equipment?</b></p> <p>a. Free of visual defects</p> <p>b. Battery sufficiently charged</p> <p>c. Channel setting</p> <p>d. Volume setting</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>49. How can you ensure the task plan, risk controls and impact on other workplace activities are communicated to relevant personnel?</b></p> <p>a. Involve them in the task planning</p> <p>b. Involve them in the risk assessment process</p> <p>c. Establish and maintain communication throughout the entire work task</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>50. When would you check your risk controls for identified hazards?</b></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>51. What needs to be in place before conducting scaffolding activities in a low light environment?</b></p> <p>a. Exclusion zones</p> <p>b. Communication</p> <p>c. Adequate lighting</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>52. What type of turnbuckle would you use to attach a FSWR static line to an eyebolt?</b></p> <p>a. Closed body</p> <p>b. Collared</p> <p>c. Open-framed</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

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<p><b>53. When can a ratchet and pawl be used to tension a FSWR static line?</b></p> <p>a. When a static line sags more than 50mm/1m            b. When fitting or adjusting a static line            c. When permitted by manufacturer or engineer            d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>54. What type of eyebolt must be used to anchor FSWR static line?</b></p> <p>a. Open eye bolt            b. Collared            c. Un-collared            d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>																				
<p><b>55. Consider the following ground conditions and <u>select the four most suitable</u> to bear pressure</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th align="left" colspan="2">Ground conditions</th> </tr> </thead> <tbody> <tr><td>Soft / water impacted soil</td><td></td></tr> <tr><td>Rough uneven ground</td><td></td></tr> <tr><td>Shale rock</td><td></td></tr> <tr><td>Sandstone</td><td></td></tr> <tr><td>Compacted gravel with up to 20% sand</td><td></td></tr> <tr><td>Backfilled ground</td><td></td></tr> <tr><td>Hard rock</td><td></td></tr> <tr><td>Bitumen</td><td></td></tr> <tr><td>Hard compacted clay</td><td></td></tr> </tbody> </table>				Ground conditions		Soft / water impacted soil		Rough uneven ground		Shale rock		Sandstone		Compacted gravel with up to 20% sand		Backfilled ground		Hard rock		Bitumen		Hard compacted clay		<input type="checkbox"/>	<input type="checkbox"/>
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<p><b>56. Why should a competent person be involved in the assessment of the ground conditions?</b></p> <p>a. Ensure the ground is stable            b. Ensure the ground is able to bear the combination of dead, live and environmental loads over the entire period the scaffold will be in place            c. Ensure a water course or nearby excavation will not impact stability of the scaffold            d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>57. How would you prepare scaffold footings for use on a less stable surface such as soil?</b></p> <p>a. Clean and inspect the baseplate            b. Use distorted baseplates to provide additional friction            c. Use soleboards under the base plates            d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>																				

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>58. How can you reduce point loading to the soleboards?</b></p> <p>a. Do not stack scaffolding equipment in scaffold bays</p> <p>b. Use longer soleboards to support both inner and outer legs</p> <p>c. Use adjustable bases for uneven surfaces</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>59. What is the maximum allowable extension on an adjustable base plate when levelling scaffold?</b></p> <p>a. 300mm</p> <p>b. 200mm</p> <p>c. 600mm</p> <p>d. 400mm</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>60. What is the maximum allowable load for an aluminium adjustable base plate?</b></p> <p>a. 200kg</p> <p>b. 600kg</p> <p>c. 400kg</p> <p>d. 1500kg</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>61. What needs to be considered when loading scaffolding components for installation?</b></p> <p>a. The amount of time that the scaffold components will be placed on the loading surface</p> <p>b. The capacity of the loading surface to bear the weight of all components</p> <p>c. The capacity of the loading surface to carry the weight of all materials and workers</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>62. What grade of ladder is required to access a scaffold platform?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>63. What is the minimum width of clear access required on a platform for persons and materials?</b></p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>64. What is the risk caused from the incorrect positioning of tube ledger joints?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>65. What distance from a standard can a ledger be joined?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>66. What locations should joint pins or sleeve type end-to-end couplers not be used?</b> <i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>			
<p><b>67. Complete the following questions</b></p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p><b>When supporting extra planks by cantilevered putlogs, what is the minimum bay width of the supporting scaffold?</b></p> <p>.....</p> </div> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p><b>What number of 225mm planks can you support by cantilevered portion of putlogs?</b></p> <p>.....</p> </div> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p><b>How would you support a cantilevered platform that is two-plank wide when using extended putlogs and putlog clips?</b></p> <p>.....</p> <p>.....</p> </div>				<input type="checkbox"/>	<input type="checkbox"/>



**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

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<p><b>68. What would you use to cover gaps up to 150mm where planks do not fully cover bay widths?</b></p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>69. Under what conditions would planks be lapped on scaffold?</b></p> <p><i>Provide two examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>70. What type of edge protection would be required when materials or tools are stacked or loaded on a working platform?</b></p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>71. What is the permitted slope of a working platform?</b></p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>72. What distance can a cantilevered crane loading platform extend from a building external that is facing public access or roadway?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>73. What is required when CCLP decking cannot be made flush with the floor slab?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

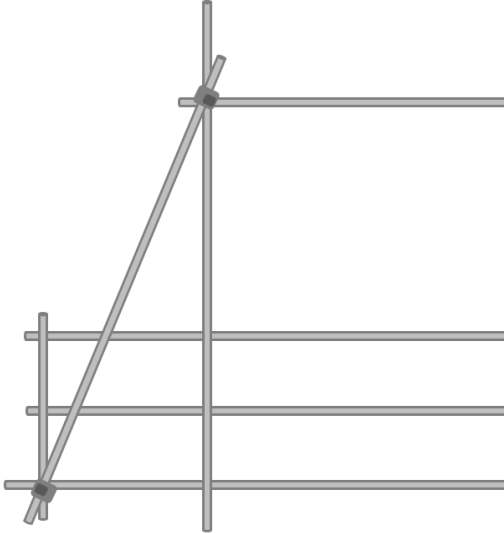
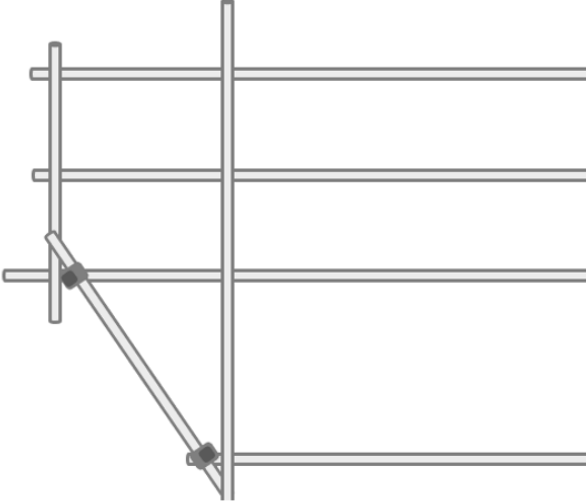
**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>74. How would you fix or secure a CCLP to prevent sideways movement?</b></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>75. What risk controls are required before moving a CCLP from a building facade?</b></p> <p><i>Provide two (2) examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>76. What checks are required before a cantilevered crane loading platform can be used?</b></p> <p><i>Provide six (6) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>77. What anchor type is required to secure the inboard end of a cantilevered scaffold needle?</b></p> <p><i>Provide two (2) examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

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<p><b>78. What lift level would you tie a cantilevered scaffold to a building/structure?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>79. What nut type should be used to prevent anchorage bolts becoming loose on a cantilevered scaffold needle?</b></p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>80. What amount of a cantilevered scaffold needle must be inboard?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>81. Where should the first lift of ledgers and transoms be positioned on a cantilevered scaffold?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>82. What safety system should be used where a cantilevered scaffold is dismantled?</b></p> <p>a. Spotter</p> <p>b. Fall arrest system</p> <p>c. Permit system</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>			

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p>83. The following scaffold drawing shows cantilever spur details, mark clearly where the safety couplers must be located to secure the tension spur</p> 				<input type="checkbox"/>	<input type="checkbox"/>
<p>84. The following scaffold drawing shows cantilever spur details, mark clearly where the safety couplers must be located to secure the compression spur</p> 				<input type="checkbox"/>	<input type="checkbox"/>
<p>85. At what angle from the vertical are you permitted to fix a spur?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>86. What coupler type should be used when fixing a spur to the ledgers or transoms?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

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<p><b>87. How would you prevent plank creep on a sloping work platform?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>88. How should guard rails and mid rails be secured on a sloping work platform?</b></p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>89. What gap would you allow for in a barrow ramp cleat?</b></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>90. What distance should cleats be fixed on the platform of a barrow ramp?</b></p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>91. What should be considered before installing perimeter containment screens to scaffold?</b></p> <p>a. Site elevation plan</p> <p>b. Additional live load imposed on the scaffold due to extra wind load caused from screening material type</p> <p>c. Additional dead load imposed on scaffold due to extra weight of screening material</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>92. How would you install or dismantle a perimeter safety screen or shutter to a building?</b></p> <p>a. Only use components that are compatible with the safety screen system being used</p> <p>b. Always install according to manufacturer's procedures and specifications</p> <p>c. Use a fall-arrest system whenever working near an exposed edge</p> <p>d. Ties fitted to safety screens should be approved by a competent person e.g., engineer with experience in structural design</p> <p>e. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>93. What documentation could be required before a mast climbing platform is tied to a structure?</b></p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>94. What documentation is required when installing a mast climbing work platform on a suspended concrete slab?</b></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>95. When extending and locking outriggers, what specification must be followed?</b></p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>96. How are planks secured on a tube and coupler scaffold?</b></p> <p><i>Provide two (2) examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>97. How would you join bracing on a tube and coupler scaffold?</b></p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>98. What requirements do you need to meet when erecting a cantilever covered way or gantry?</b></p> <p>a. Withstand a downward force of at least 10kPa</p> <p>b. Permit</p> <p>c. Handrails at least 900mm high</p> <p>d. Minimum height of 2.2m high, or 4.8m high for vehicle bay</p> <p>e. Waterproof and dustproof</p> <p>f. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>99. What must be done to prevent persons falling from a work platform into a ladder or stair access?</b></p> <p>a. Ladder hatch</p> <p>b. Ladder or stair bays</p> <p>c. Gate or tortured path to prevent unintentional access to stairway</p> <p>d. Slip resistant treads</p> <p>e. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>100. Why should additional or unwanted materials be removed from the work area as soon as possible?</b></p> <p>a. Hazard prevention</p> <p>b. Comply with environmental management plan</p> <p>c. Safety</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

**CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level -  
ACTIVITY BOOK**

Short Questions	S	NS	Short Questions	S	NS
<p><b>101. When is a cantilevered or spur scaffold required to be inspected?</b></p> <p>a. Before use</p> <p>b. Before using the scaffold after an incident or repair</p> <p>c. At least every 30 days</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>102. What document is required before a scaffold can be utilised in the workplace?</b></p> <p>a. Green slip</p> <p>b. Safe work method statement</p> <p>c. Handover certificate</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>103. What should be done with damaged scaffolding equipment that is identified during the dismantling process?</b></p> <p>a. Isolate</p> <p>b. Tag out</p> <p>c. Report defective items</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>104. How would you correctly store scaffold and associated equipment?</b></p> <p>a. According to the site plan</p> <p>b. According to manufacturer instructions</p> <p>c. According to workplace procedures</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>105. What should you do with risk control measures such as barriers, signs or safety nets when they are no longer needed?</b></p> <p>a. Remove them from the work area, inspect for defects and store them correctly</p> <p>b. Leave in place</p> <p>c. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>			