

CPCCCM2008 ERECT AND DISMANTLE RESTRICTED HEIGHT SCAFFOLDING THEORY EXAM

Participant name	
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FOR THE PARTICIPANT

Instructions

- You will complete written questions as outlined on the following pages. You must attempt all questions and provide enough detail in your response to demonstrate your knowledge.
- It is anticipated that you should complete this assessment within two (2) hours, but additional time may be allowed upon negotiation with the Assessor.
- You must complete all questions unaided by the Assessor or other personnel but may refer to reference material as needed. All questions must be answered correctly for a 'Satisfactory' assessment outcome to be awarded.
- An oral examination may be allowed under certain circumstances, whereby your answers will be documented by another party.
- Any written questions that are incomplete, or not answered satisfactorily will need to be completed again after further training support.
- If you answer a question incorrectly but modify your response, put your initials next to the written change (or the Assessor must initial a verbal change).

Resources required

Pen

FOR THE ASSESSOR

Instructions

- Where oral examination has occurred, ensure that this is acknowledged in writing (e.g. FT001 and Assessor Comments)
- All questions must be satisfactorily demonstrated by the Participant for a Satisfactory determination (indicated by an Assessor tick to the right of the question).
- Assessors are to complete marking in pen of a different colour to the Participant.
- If the Participant verbally modifies their response, write in the modified response verbatim and put your initials next to the written change.

ASSESSOR COMMENTS

As necessary, outline:

- Details on reattempts, alternative arrangements or reasonable adjustments made.
- Where a Participant is deemed 'Not Satisfactory' provide recommendations for future training.

Q1. A person without a scaffold certificate is allowed to erect a scaffold up to ____ metres.

Answer Should reflect: 4 ☐

Q2. Which of the following methods will provide protection from traffic to scaffolding installers working alongside a road? Tick all that apply.

Answer ☐

Choice	Possible Answers
☒	Barricading
☐	Digging a trench next to it
☐	Vehicle Fenders
☒	Traffic control
☒	Signage

Q3. Which of the following might corrode scaffolding components and equipment? Tick all that apply.

Answer ☐

Choice	Possible Answers
☒	Acid
☒	Alkaline
☐	Paint
☒	Salt

Q4. How many metres must an untrained person installing scaffolding remain from a low voltage exposed electric lines?

Answer Should reflect: 3 (3000mm) ☐

Q5. True or False (Tick your response): To determine footings, you should review the JSEA and SWMS to learn the bearing capacity of the ground.

Answer ☐

☒	True
☐	False

Q6. What must be done to all equipment and components before they are used in the erection process Tick all that apply.

Answer

Choice	Possible Answers
✓	Check for bends, breaks or cracks
✓	Check for condition/damage
✓	Check for corrosion
✓	Place components safely and in order for the erection process
✓	Report faults to the supervisor
	Leave faulty items where they are

☐

Q7. What should be done if a damaged or corroded component is found when erecting scaffold?

Answer

Should reflect: Stop work, Tag, Report, Record, Remove

☐

Q8. Match the site documents and purpose by writing the appropriate letter next to each number in the centre column.

Answer

Site document		Answers	Purpose	
1	SWMS	1 - B	A	Establish quality including materials, workmanship, tools and plant to be used
2	JSA	2 - E	B	Provides safe procedures for high risk work
3	Specifications	3 - A	C	Provides information relating to a chemical/substance
4	Load chart	4 - D	D	Outlines the capabilities of the scaffolding
5	SDS	5 - C	E	Hazard identification and risk assessment tool

☐

Q9. True or False (Tick your response): A prestart meeting is organised so that workers can review and discuss the scaffolding task and workplace-specific information relating to the task.

Answer

✓	True
	False

☐

Q10. Who would you approach to discuss issues or concerns you have regarding the scaffolding erection/dismantling?

Answer Should reflect: supervisor ☐

Q11. Which of the following may you need to identify from the site plan when considering access for transport bringing scaffolding to and from the erection destination? Tick all that apply.

Answer ☐

Choice	Possible Answers
☒	Vehicle access
☒	Unloading site
☐	Truck type and size
☒	Overhead restrictions
☐	Brand of scaffolding
☒	Transport route onsite

Q12. True or False (Tick your response): Access and egress routes are confirmed as part of planning and preparing before scaffolding erection.

Answer ☐

☒	True
☐	False

Q13. When calculating scaffolding requirements, dead loads should be calculated in accordance with which Australian Standard?

Answer Should reflect: AS/NZS 1576.1 May include: Scaffolding – General Requirements ☐

Q14. What is the minimum width of timber you can use as a soleplate?

Answer Should reflect: 225mm ☐

Q15. Which of the following are considered live loads when calculating scaffolding and material requirements? Tick all that apply.

Answer

Choice	Possible Answers
✓	The weight of people
✓	The weight of material and debris
	Scaffolding components
✓	The weight of tools and equipment
	Stairways and ladders
✓	Impact forces

☐

Q16. If you were to build 15 bays (2.4m long and 1.2m wide) along the working face of a building with a deck height of 2m, how many 3m standards would be required?

Answer

Should reflect: 32 standards

☐

Q17. If you were decking out the scaffold in the previous question, how many of each of the following types of boards would be needed (including kickboards)?

Answer

Board	Number required
2.4m	90
1.2m	2

☐

Q18. Which workplace document must be prepared for the construction of a scaffold where a person can fall more than two (2) metres?

Answer

Should reflect: Safe work method statement OR SWMS

☐

Q19. True or False (Tick your response): Where a SWMS is not required a scaffolding plan will help identify ways to protect workers and others.

Answer

✓	True
	False

☐

Q20. As a requirement, scaffolding must be erected in accordance with which of the following? Tick all that apply.

Answer	Choice	Possible Answers	☐
	✓	Regulations and acceptable safe work practices	
	✓	Manufacturer's specifications	
		Workers' recommendations	
	✓	Planned hazard prevention/control measures and policies/procedures	
	✓	Environmental requirements	

Q21. Which of the following tools and equipment are used to erect and dismantle scaffolding? Tick all that apply.

Answer	Choice	Possible Answers	☐
	✓	Gloves	
	✓	Hammer	
	✓	Knips	
	✓	Ladder	
	✓	Shifter	
	✓	Stairs	
		Step ladder	

Q22. True or False (Tick your response): If tools or equipment are faulty or defective, it is the workers responsibility to repair the item.

Answer		True	☐
	✓	False	

Q23. Explain your answer to Q22.

Answer	<u>Should reflect: worker should only repair if competent to do so; May include: should tag, record and report issues</u>	☐
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Q24. Which manufacturer supplied document provides information on the safe handling of the substance?

Answer Should reflect but is not limited to: Safety Data Sheet (SDS) ☐

Q25. Which of the following can be used to shift materials, avoiding manual handling injuries? Tick all that apply.

Answer ☐

Choice	Possible Answers
☒	Crane
☒	Forklift
☐	Ladder
☒	Gin wheel
☒	Wheelbarrow
☒	Hoist
☒	Pallet jack

Q26. Fill in the blanks using words from the word bank below:

Specific requirements for the foundation of the scaffold, which includes the footings, are covered in Australian Standards such as AS/NZS 4576 and AS/NZS 1576.1.

Choose from Standards | guardrail | Australian | Regulations | footings | ☐

Q27. What is the maximum load in each bay of a light duty working platform?

Answer Should reflect: 225 kg ☐

Q28. What is the maximum load in each bay of a heavy duty working platform?

Answer Should reflect: 675 kg ☐

Q29. True or False (Tick your response): You should check the original planning documents to ensure the scaffolding (and any alterations or repairs) were built or erected appropriately.

Answer

✓	True
	False

☐

Q30. True or False (Tick your response): You can alter, repair or mix components of two prefabricated systems in the one scaffold without supplier or engineer consent.

Answer

	True
✓	False

☐

Q31. AS 4576 gives practical guidance for the safe selection, supply, erection, alteration, dismantling, maintenance, inspection and use of scaffolding and scaffolding equipment. It is a companion to which AS/NZS series?

Answer

Should reflect: AS(/NZS) 1576

☐

Q32. True or False (Tick your response): The scaffold, scaff tag and inspection log must be regularly inspected and kept up to date.

Answer

✓	True
	False

☐

Q33. What documentation must be handed over at completion of erection?

Answer

Should reflect: Completion certificate OR handover certificate

☐

Q34. True or False (Tick your response): Exclusion zones and signage must be in place before any scaffolding can be erected/dismantled.

Answer

✓	True
	False

☐

Q35. True or False (Tick your response): If you found the sign (pictured) at the entry point of the scaffold, this means the scaffold cannot be used by other trades and unlicensed scaffolders.



Answer

✓	True
	False

☐

Q36. Which of the following pieces of information should be written down in the scaffold logbook? Tick all that apply.

Answer

Choice	Possible Answers
✓	Date of erection
✓	Faults or issues that may have affected the scaffold
	Repairs
✓	Scheduled service/checks/maintenance

☐

Q37. What is the process for dismantling a scaffold?

Answer

Should reflect: The reverse procedure for erecting the scaffold

☐

Q38. True or False (Tick your response): Scaffold equipment should be neatly stacked in stillages and/or strapped under cover after use.

Answer

✓	True
	False

☐

Q39. True or False (Tick your response): You should clean scaffold equipment whenever it has a build-up of foreign materials (e.g. concrete, render, mortar) and dispose of waste according to site requirements.

Answer

✓	True
	False

☐

Q40. Which of the following should be checked for damage or issues before storing? Tick all that apply.

Answer	Choice	Possible Answers	☐
	✓	Braces	
	✓	Ropes	
	✓	Guard rail and mid rail	
	✓	Falsework	
	✓	Tank and formwork (bracket scaffolds)	
	✓	Ledgers, standards and transoms	
	✓	Mesh guards	

Q41. Routine maintenance on tools should be completed according to what?

Answer Should reflect but is not limited to: manufacturer manual ☐

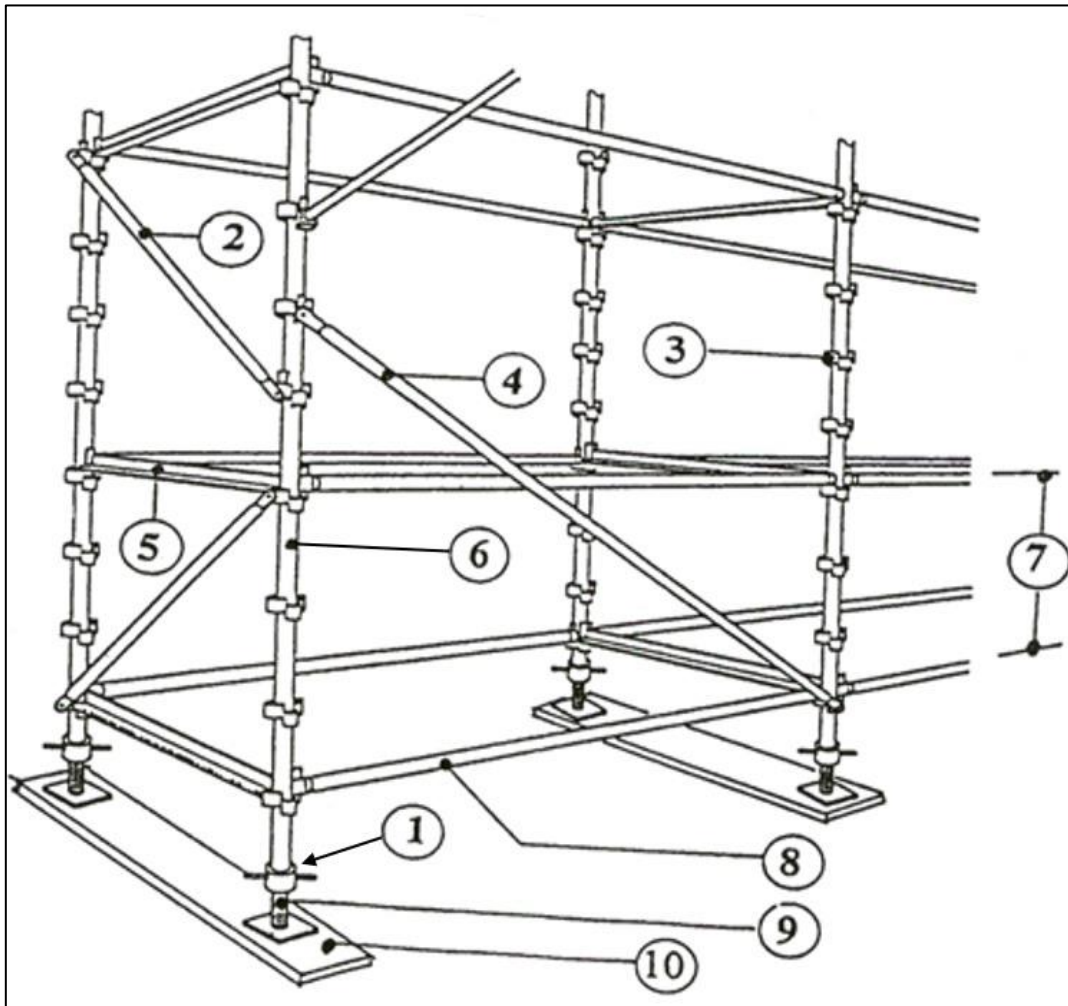
Q42. How are maintenance checks for tools and equipment recorded?

Answer Should reflect but is not limited to one (1) of: manufacturer checklist; ☐
workplace maintenance checklist; tool register

Q43. Which of the following are required as part of the clean-up process? Tick all that apply.

Answer	Choice	Possible Answers	☐
		Store all tools and equipment without cleaning	
	✓	Maintain plant, tools and equipment	
	✓	Dispose of materials that cannot be reused or recycled	
	✓	Report usage and faults in logbook and/or site records	
	✓	Clean all tools and equipment before storage	

Q44. Name each of the components of the modular scaffold design shown by writing the corresponding number for each item in the table.



Answer

Number	Names
5	Transom
10	Sole Board
1	Handle for adjusting screw jack height
8	Ledger
2	End Bay Brace
7	Lift
4	Face Brace
6	Standard
3	Star Cluster
9	Screw Jack



CPCCCM2008 ERECT AND DISMANTLE RESTRICTED HEIGHT SCAFFOLDING PRACTICAL ASSESSMENT

Participant name	
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FOR THE PARTICIPANT

Instructions

- The tasks outlined on the following pages will require performance of normal workplace activities, as a result of a structured activity set by an Observer in the workplace or a simulated activity set by your Assessor/Observer.
- The timeframe for these tasks will be established by your Assessor/Observer in consideration of location conditions and industry requirements.
- You must complete all tasks as instructed by the Assessor or other personnel unless the steps note this assistance.
- You must attempt all task (and itemised steps) for a 'Satisfactory' assessment outcome to be achieved.
 - For an observation conducted that is incomplete, or without satisfactory performance, the observation will need to be completed again after further training support.

FOR THE ASSESSOR/OBSERVER

Instructions

- The following observation record should be used to judge and record your observations of the Participant as they complete the task(s) set. You must record your observations of the Participant's performance.
 - For each occasion, indicate the task performed and whether it was a simulation or workplace-based task.
 - Any simulated assessment must ensure the Participant still performs under workplace conditions which reflect industry standards.
 - In the comments, provide clear detail regarding the task that the Participant was required to do (e.g. PPE used, materials handled, attachments connected, plant types).
- All steps must be satisfactorily demonstrated by the Participant for a 'Satisfactory' determination (indicated by an Assessor tick to the right of each itemised step, or an Observer tick to the right of each itemised step, and confirmation by an Assessor in the Assessor Comments).
 - Where you have determined that one or more task steps have not been satisfactorily demonstrated, provide the Participant with additional support and outline details of such assistance in the Assessor/Observer Comments. Allow the Participant two (2) further opportunities to demonstrate the task again to allow an opportunity for a 'Satisfactory' assessment outcome to be achieved.
 - If after three (3) attempts the Assessor determines that the Participant cannot demonstrate the required steps, a 'Not Satisfactory' outcome is to be determined.

TASK OUTCOME					
Task	Date	Task Type (Tick)	Location	Task outcome (Tick)	
				Satisfactory	Not Satisfactory
Task 1		☐ Workplace ☐ Simulation		☐	☐

ASSESSOR COMMENTS: GENERAL

As necessary, outline:

- Details on reattempts, alternative arrangements or reasonable adjustments made.
- Where a Participant is deemed 'Not Satisfactory', provide recommendations for future training.

ASSESSOR COMMENTS: PRACTICAL TASK

- ☐ Individual student (as named on cover page)
- ☐ Multiple students [☐ All from Attendance Report, ☐ Specific students involved – identify students]

Task	Provide detail
1.1A. 1.1C.	Specify documents read and discussed and who discussed/clarified with. e.g. Confirmed scaffolding plan aligns with SWMS, JSA, legislation, standards, codes, work health and safety (WHS), environmental and workplace requirements. Discussed with supervisor/trainer
1.1E. 1.1E.	Specify calculations made. e.g. Calculated expected loading on scaffold correctly, using load tables and manufacturer specification.
1.1G. 1.1G.	How was site access and egress confirmed? e.g. reading site plans and confirming physically at location
1.2B.	Tick against PPE checked and applied: ☐ Hi-viz work wear ☐ Helmet ☐ Boots ☐ Gloves ☐ Eye protection ☐ Ear protection ☐ Harness ☐ Lanyard ☐ Snap hooks ☐ Carabiners ☐ Rescue equipment ☐ Other (please specify):
1.2D.	Tick against plant, tools and equipment selected and inspected for issues: ☐ Aluminium modular scaffolding equipment ☐ Hammers ☐ Ladders ☐ Scaffolding planks ☐ Shovels ☐ Spanners ☐ Spirit levels ☐ Steel box spanners ☐ Screw jack ☐ Tape measures ☐ Other (please specify):
1.2E.	Tick against scaffolding and components selected and inspected: ☐ A frame, ☐ H frame, ☐ Tube and coupler ☐ Aluminium modular scaffolding ☐ Transoms ☐ Ledgers ☐ Sole boards ☐ Braces ☐ Standard ☐ Base plate ☐ Other (please specify):
1.2F.	Specify safe handling methods applied to transfer scaffold and components to erection site. e.g. team lifting and carrying with others

ASSESSOR COMMENTS: PRACTICAL TASK	
1.3C.	How was ground stability confirmed? e.g. checked plans for underground services, physical check
1.3L.	Tick against scaffolding equipment and components being erected: ☐ work platforms ☐ edge protection ☐ access ways ☐ falsework ☐ grandstand ☐ covered walk ☐ bracket scaffolds (tank and formwork) ☐ Other (please specify):
1.3I.	What fall and edge protection was installed/applied? e.g. static line and guard rails
1.4E.	What modifications/alterations were applied. e.g. additional ladder installed and tied