



# HSA Site Safety Exam Prep

Free Practice Test — 30 Real Exam-Style Questions

with full answer key & explanations

**Unlock the full bank of 505 questions  
+ unlimited timed mock exams + mistake book**

Practice on the web: <https://certs.theorypractice.app/citbhsa>

\$2.99 / week · \$6.99 / month · cancel anytime

**What you unlock: all 505 questions • unlimited timed mock exams • mistake book • instant explanations**

**Study offline on the free app — search your exam on the App Store or Google Play**



**Unlock all 505 questions + timed mock exams**

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start



## Practice Questions

Try all 30 first, then check the answer key at the back.

Want the other 475+ questions & full timed mock exams? Unlock at  
<https://certs.theorypractice.app/citbhsa>

**1. A banksman is directing a crane lift but loses sight of the load due to an obstruction. The site manager instructs the banksman via radio to "keep lowering" to save time. How must the banksman respond?**

- A. Continue lowering slowly with radio checks
- B. Ask the crane driver to use their judgment
- C. Complete the lift and report it later
- D. Halt the lift immediately

**2. An operator notices a deep crack in the casing of a 110V drill during a pre-use check. The drill has a PAT test sticker valid for another six months. What is the correct course of action?**

- A. Quarantine the drill immediately
- B. Use the drill as the PAT test is valid
- C. Tape over the crack and continue work
- D. Report the defect at the end of the shift

**3. A worker needs to install a security camera at a height of 5 meters on soft, uneven ground. Under PUWER, which piece of equipment is most suitable for this task?**

- A. Mobile tower scaffold on base plates
- B. Stepladder tied to the structure
- C. Use an all-terrain MEWP platform
- D. Extension ladder footed by a colleague

Study offline on the free app — search your exam on the App Store or Google Play



Unlock all 505 questions + timed mock exams

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start



**4. Following a thorough examination under LOLER, a lifting accessory is reported to have a defect involving an 'immediate risk to persons'. What must happen to this equipment?**

- A. Use until a replacement arrives
- B. Schedule repair for the next service
- C. Downrate the safe working load
- D. Use only for non-critical lifts

**5. What is the primary hazard associated with driving a forward-tipping dumper across a steep gradient (slope)?**

- A. Loss of traction on the rear wheels
- B. The vehicle overturning sideways
- C. The load sliding out of the skip
- D. The engine stalling on the incline

**6. Which sequence correctly represents the safe isolation procedure before maintaining dangerous machinery?**

- A. Isolate, repair, switch on, test
- B. Switch off, isolate, repair, test
- C. Test, switch off, repair, isolate
- D. Switch off, isolate, lock, test

**Want the other 475+ questions & full timed mock exams? Unlock at**  
<https://certs.theorypractice.app/citbhsa>

**7. If a plant operator discovers a safety-critical defect during a pre-use check, who must be informed immediately?**

- A. The site supervisor
- B. The next shift operator
- C. The site security guard
- D. A close work colleague

**8. A carpenter finds that the blade guard on a circular bench saw is broken. What is the only safe action to take?**

- A. Wear strong safety gloves
- B. Let experienced staff use
- C. Do not use the machine
- D. Build a temporary guard



**Unlock all 505 questions + timed mock exams**

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start



**9. A site entrance has heavy plant traffic crossing a pedestrian walkway. Which control measure is the most effective for segregating people from vehicles?**

- A. Mandatory high-visibility clothing
- B. Flashing beacons on all the plant
- C. Signage warning of heavy vehicles
- D. A banksman standing in the road

**Study offline on the free app — search your exam on the App Store or Google Play**

**10. A lithium-ion battery for a power tool feels extremely hot to the touch and is emitting a strange chemical smell. What does this indicate?**

- A. The battery contacts are just dirty
- B. Imminent thermal runaway failure
- C. Normal safe operating temperature
- D. The battery needs immediate charging

**11. A site manager hires an excavator for a complex lifting operation. The hire company provides a valid annual inspection certificate. What additional action is required before use?**

- A. Conduct a visual check for cosmetic damage
- B. Assume safety based on brand reputation
- C. Check only fuel and hydraulic fluid levels
- D. Assess suitability for the specific site task

**12. A site office is being used to charge multiple power tool batteries. The chargers are placed on a wooden desk covered in loose paperwork. What is the primary hazard?**

- A. Presence of combustibles near heat sources
- B. Use of standard domestic power sockets
- C. Lack of a Class D fire extinguisher
- D. Overnight charging without a watchman

**Want the other 475+ questions & full timed mock exams? Unlock at**  
<https://certs.theorypractice.app/citbhsa>



**Unlock all 505 questions + timed mock exams**

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start



**13. An operator identifies a safety-critical defect on a dumper during the pre-use check. They report it verbally to the site administrator but do not make a written entry. Why is this insufficient?**

- A. Only project managers can authorise repairs
- B. Maintenance teams refuse verbal instructions
- C. Legislation requires a documented record
- D. Administrators lack technical competence

**14. A plant mechanic repairs a crane's hydraulic system. The site manager asks the same mechanic to immediately perform the statutory LOLER thorough examination. Why is this unsafe?**

- A. The mechanic lacks necessary insurance
- B. Thorough examinations need a 48-hour delay
- C. Only manufacturers can do statutory tests
- D. Mechanics are never qualified to inspect

**15. An excavator operator is taking a lunch break and leaves the machine in a designated safe zone. What is the most effective way to prevent unauthorized use?**

- A. Hang a 'Do Not Operate' sign on door
- B. Remove the key and securely lock the cab
- C. Instruct a worker to watch the machine
- D. Place a cone in front of access steps

**Study offline on the free app — search your exam on the App Store or Google Play**

**16. An operator suspects a fine pinhole leak in a high-pressure hydraulic hose. How should they attempt to locate the leak safely?**

- A. Listen closely to the hose
- B. Apply soapy water while hot
- C. Wrap a cloth around the area
- D. Use a piece of card or wood

**17. Construction work is taking place next to a busy public pavement. What is the most effective method to protect pedestrians from mobile plant operating near the edge?**

- A. Install physical segregation barriers
- B. Deploy a banksman to shout warnings
- C. Erect safety signage and warning tape
- D. Instruct operators to sound horns often



**Unlock all 505 questions + timed mock exams**

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start



**18. Why are 110V reduced low voltage tools preferred over standard 230V tools on construction sites?**

- A. Exemption from portable appliance testing
- B. Higher power output for heavy duty tasks
- C. Reduced severity of electric shock
- D. Lower purchase costs compared to 230V

Want the other 475+ questions & full timed mock exams? Unlock at  
<https://certs.theorypractice.app/citbhsa>

**19. A telehandler is fitted with a non-integrated work platform for lifting personnel. Under LOLER, what is the maximum interval between thorough examinations for this configuration?**

- A. At least every 12 months
- B. Only prior to first use
- C. Every 3 months exactly
- D. When attachments change

**20. A dumper truck hits an obstruction and begins to overturn sideways. What is the safest immediate action for the driver?**

- A. Release the seatbelt and escape
- B. Stay in the seat and brace
- C. Jump clear away from the fall
- D. Attempt to steer into the skid

**21. During a pre-use check, a dumper's reversing alarm is found to be faulty, but a vehicle marshal is available. What is the correct action?**

- A. Operate the vehicle only in forward gears for the shift
- B. Report the defect at the end of the working shift
- C. Proceed with caution using the mirrors and horn
- D. Do not use the dumper until repaired

Study offline on the free app — search your exam on the App Store or Google Play



Unlock all 505 questions + timed mock exams

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start



**22. Under LOLER, when is a new lifting accessory exempt from a thorough examination before its first use on a site?**

- A. With a Declaration of Conformity under 1 year old
- B. When it has been manufactured within the last two years
- C. If the site manager completes a visual inspection log
- D. When it is hired from a certified equipment provider

**23. What is the most effective immediate control measure to minimize silica dust exposure when cutting concrete kerbs?**

- A. Sweep the dust immediately after use
- B. Stand upwind while cutting the kerb
- C. Use on-tool water suppression
- D. Wear a standard disposable face mask

**24. A mobile plant vehicle must reverse in a confined area with pedestrians. What is the most effective safety measure?**

- A. Rely on the reversing alarm and horn
- B. Install convex mirrors on site fence
- C. Instruct the driver to check mirrors
- D. Ensure pedestrians wear hi-vis vests

Want the other 475+ questions & full timed mock exams? Unlock at  
<https://certs.theorypractice.app/citbhsa>

**25. An operative discovers a cut in an electrical cable exposing the inner wires. What is the immediate action?**

- A. Continue using if the tool works
- B. Stop use and remove the cable
- C. Tape over the cut with electrical tape
- D. Avoid touching the damaged section

**26. Who is legally responsible for carrying out the daily pre-use check on a piece of plant before the shift begins?**

- A. The hire company agent
- B. The construction client
- C. The maintenance fitter
- D. The plant operator



**Unlock all 505 questions + timed mock exams**

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start



**27. When an excavator is used to lift suspended loads, what specific documentation is required under LOLER?**

- A. Thorough examination report
- B. Manufacturer's warranty document
- C. Standard roadworthiness certificate
- D. Operator's daily inspection logbook

**Study offline on the free app — search your exam on the App Store or Google Play**

**28. Which position presents the highest risk of crushing for a vehicle marshal guiding a reversing truck?**

- A. On a raised observation platform
- B. At the side of the site entrance
- C. Between the truck and a wall
- D. Standing on the pedestrian walkway

**29. A safety-critical fault on a tool has been repaired. What must be done before it is used again?**

- A. Wait 24 hours for cool down
- B. Obtain a manufacturer waiver
- C. Use immediately to test it
- D. Log the repair in the diary

**30. What is the primary factor when selecting hearing protection for using a breaker?**

- A. The weight of the ear muffs
- B. The specific noise level
- C. The brand of ear defenders
- D. The high visibility color



**Unlock all 505 questions + timed mock exams**

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start



## Answer Key & Explanations

You just practised 30 of 505. Unlock every question + timed mocks at <https://certs.theorypractice.app/citbhsa>

**1. D — Halt the lift immediately**

Operations must stop immediately if visual contact is lost. Safety overrides schedule pressure or remote instructions until safe vision is restored.

**2. A — Quarantine the drill immediately**

A valid PAT sticker does not negate visible defects. Any equipment with physical damage affecting safety must be removed from service immediately.

**3. C — Use an all-terrain MEWP platform**

PUWER requires equipment suitable for the conditions. An all-terrain MEWP provides the necessary stability for working on soft, uneven ground.

**4. A — Use until a replacement arrives**

LOLER mandates that any defect posing an immediate danger requires the equipment to be taken out of service immediately.

**5. B — The vehicle overturning sideways**

Dumpers have a high center of gravity. Driving across a slope creates a high risk of lateral instability and overturning.

**6. D — Switch off, isolate, lock, test**

Safe isolation ensures equipment is dead before work starts. The correct sequence is: switch off, isolate, lock off, then test.

**7. A — The site supervisor**

Report defects immediately to the site supervisor. The supervisor can remove the equipment from service to prevent unsafe use.

**8. C — Do not use the machine**

Never operate machinery with broken guards. Remove the saw from service immediately until it is repaired by a competent person.

**9. A — Mandatory high-visibility clothing**

Physical barriers provide positive segregation, preventing accidental contact. This is more effective than relying on pedestrian behavior or PPE.

**10. B — Imminent thermal runaway failure**

Heat and chemical smells indicate thermal runaway. The battery cells are failing and may catch fire or explode imminently.

**11. D — Assess suitability for the specific site task**

Dutyholders must ensure equipment suits specific site conditions and tasks. General certificates do not cover site-specific hazards or load requirements.



Unlock all 505 questions + timed mock exams

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start

Unofficial study material · not affiliated with any certifying body



**12. A — Presence of combustibles near heat sources**

Chargers generate heat. Placing them on wood or near loose paper creates a fire risk; they require stable, non-combustible surfaces.

**13. C — Legislation requires a documented record**

Documenting defects proves compliance and ensures tracking. Verbal reports are easily forgotten, potentially leaving unsafe equipment in service.

**14. A — The mechanic lacks necessary insurance**

Examiners must be independent. Allowing the same person to repair and inspect creates a conflict of interest, compromising objectivity.

**15. B — Remove the key and securely lock the cab**

Removing the key and locking the cab is the most effective physical security measure to prevent unauthorized operation.

**16. D — Use a piece of card or wood**

High-pressure fluid can penetrate skin causing severe injury. Never use hands to search for leaks; use card or wood to maintain a safe distance.

**17. A — Install physical segregation barriers**

Physical barriers provide robust separation preventing contact. Unlike signage or banksmen, they do not rely on human behavior to be effective.

**18. C — Reduced severity of electric shock**

Centre-tapped 110V tools limit voltage to earth to 55V. This significantly reduces shock severity compared to 230V, making fatality less likely.

**19. A — At least every 12 months**

LOLER requires equipment used for lifting persons to be thoroughly examined at least every 6 months, compared to 12 months for goods only.

**20. B — Stay in the seat and brace**

Attempting to jump clear often causes fatal crushing. The safest action is to remain in the seat, hold on, and brace for impact.

**21. D — Do not use the dumper until repaired**

Isolate the dumper immediately. Safety devices like reversing alarms must be functional; a marshal is an additional control, not a substitute for defective equipment.

**22. A — With a Declaration of Conformity under 1 year old**

A Declaration of Conformity issued within the last 12 months exempts new equipment from immediate thorough examination, as it certifies manufacturing safety compliance.

**23. C — Use on-tool water suppression**

Wet cutting suppresses dust at the source. This engineering control is significantly more effective than PPE or administrative measures in preventing airborne silica exposure.

**24. A — Rely on the reversing alarm and horn**

Physical segregation combined with a vehicle marshal is most effective. This prevents pedestrians entering



**Unlock all 505 questions + timed mock exams**

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start

Unofficial study material · not affiliated with any certifying body



the danger zone, unlike mirrors or alarms which have limitations.

**25. B — Stop use and remove the cable**

Immediately remove the cable from service. Taping is not a safe repair; only a competent person can properly restore insulation integrity and mechanical strength.

**26. D — The plant operator**

The operator is responsible for checking their equipment before use to ensure it is safe for the shift.

**27. A — Thorough examination report**

Using an excavator for lifting duties classifies it as lifting equipment under LOLER, requiring a Report of Thorough Examination.

**28. C — Between the truck and a wall**

Standing between a vehicle and a fixed structure creates a crushing zone with no escape route for the marshal.

**29. A — Wait 24 hours for cool down**

Operators must perform a pre-use check to verify the tool is safe and ready for use after any repairs.

**30. B — The specific noise level**

Hearing protection must be matched to the noise level to provide adequate attenuation without over-protecting.



**Unlock all 505 questions + timed mock exams**

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start

Unofficial study material · not affiliated with any certifying body



# Ready to pass?

Unlock the full HSA Site Safety Exam Prep bank, every explanation, and unlimited timed mock exams.

**Scan to start practising**

<https://certs.theorypractice.app/citbhsa>

Also on iOS & Android — search your exam name on the App Store or Google Play



**Unlock all 505 questions + timed mock exams**

→ <https://certs.theorypractice.app/citbhsa>

\$2.99/week or \$6.99/month · cancel anytime · scan to start