



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Carpenter (Formwork – Building Construction) (Striking) Skilled Trade Test Mock Written Test Paper

此文件關於木模板工(樓宇工程)(拆板)工藝測試考題。如有需要索取此文件的中文版本，請致電 2100 9232 與工藝測試中心聯絡。

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Trade Knowledge

1. How should fibre (plastic) circular column formwork be struck?
 - A. Cut off the circular formwork horizontally into several sections and strike
 - B. Cut off the circular formwork vertically into several sections and strike
 - C. Should not damage the circular formwork during striking
 - D. Strike with heat treatment

2. Why flexible shore (生頂) has to be installed when striking ceiling formwork in a car park in general?
 - A. To temporary support the timber on the ceiling
 - B. Specified by the company
 - C. Specified by the employer
 - D. Specified by the employer

3. The law requires that persons striking formwork in a water tank must be:
 - A. Skilled worker for timber formwork
 - B. Sub-contractor for timber formwork
 - C. Site general worker
 - D. Certified person for confined space

4. The correct procedure in striking ceiling formwork with falsework of two layers or above is:
 - A. First strike the top and bottom layers falsework, then strike ceiling formwork
 - B. First strike the top layer falsework and ceiling formwork, then strike the bottom layer falsework
 - C. First strike the bottom layer falsework, then strike the top layer falsework and ceiling formwork
 - D. All three procedures above are correct

5. Before striking ceiling formwork, the worker must:
 - A. Notify the company to assign a supervisor to monitor the striking area
 - B. Fully enclose the area with a warning sign of no unauthorized entry to the striking area
 - C. Send somebody to shout loudly that no unauthorized entry is allowed
 - D. Request the employer to monitor the striking area

6. How should the struck external wall formwork be handled?
 - A. Throw them downstairs
 - B. Pile them up on the bamboo scaffold
 - C. Place them inside the floor
 - D. Place at will

7. What is the best cutting position (斷口位置) when striking sheet iron of external wall board (外皮牆板鐵皮)?
 - A. Align with the concrete
 - B. 4 to 6 inches longer than the concrete
 - C. No need for cutting, leave sheet iron as long as possible
 - D. It doesn't matter whether the sheet iron is long or short

8. In general which board should be started with when striking ceiling formwork?
 - A. Intact plywood
 - B. Gap filling board which is smaller
 - C. Board on the beam
 - D. Board on the wall

9. Which board should be started with when striking formwork of a fix-material partition wall (梗料間牆) with no top?
 - A. The corner board (牆角板)
 - B. The spigot and socket board (公榫板)
 - C. The double socket board (雙榫板)
 - D. Any board at will

10. In general the best position to insert the crowbar when striking formwork of a fix-material partition wall (梗料間牆) is:
- A. The spigot of the wall board (牆板公位)
 - B. The socket of the wall board (牆板嚙位)
 - C. The top of the partition wall
 - D. The bottom of the partition wall timber
11. Which of the following conditions is the best after striking formwork of a fix-material partition wall (梗料間牆)?
- A. Boards and timber separated after striking
 - B. Boards and timber joined after striking
 - C. Boards and timber chopped and notched after striking
 - D. In a mess after striking
12. The metal truss supporting the beam on the side of the wall gets slightly in the way when striking wall boards, you will:
- A. Dismantle the metal truss and reassemble it after striking
 - B. Although there is an obstruction, you will not dismantle the metal truss
 - C. Loosen the metal truss and move it away, put it back after striking
 - D. Any of the three methods above is okay
13. The common way to strike a loose-material partition wall (散料間牆) formwork is:
- A. First strike wall timber, then veneer, and wall boards
 - B. First strike veneer, then wall timber, and wall boards
 - C. Strike it off the concrete, then veneer and wall boards
 - D. Any of the three procedures above is okay
14. Except with special approval, how long after concrete casting can a partition wall formwork be struck?
- A. 1 day
 - B. 7 days
 - C. 14 days
 - D. 28 days

15. How do you strike finishing board fitted with a water stop?
- A. Cannot damage the water stop during striking
 - B. No need to bother with the water stop during striking
 - C. If the water stop is fixed by nails, strike the finishing board by force
 - D. Punch through the water stop and strike the finishing board
16. Which of the following must be completed before striking formwork at the bottom of a flyover?
- A. Safety inspection
 - B. Wear proper personal protective equipment
 - C. Seal off the striking area to prevent unauthorized entry
 - D. All 3 points above are right

Safety Questions

- A. The minimum thickness of planks laid on the working platform of the scaffold is:
- 1. 20 mm
 - 2. 25 mm
 - 3. 30 mm
 - 4. 50 mm
- B. Which of the following machineries is the equipment suitable for transporting workers up and down a building under construction?
- 1. Hoist
 - 2. Crane
 - 3. Builder's lift
 - 4. Cargo lift

- C. The major purpose of “Site Safety Talks” is:
1. Provide snacks to entertain workers
 2. A routine to fill working hours
 3. Report and discuss works progress
 4. To instill safety knowledge into the workers
- D. What should the worker do when there is a problem with an electrical tool?
1. Try to repair by oneself
 2. Stop working and wait for repair
 3. Stop using and return it to original location
 4. Stop using and report to the person in charge to arrange repair