



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Rigger / Metal Formwork Erector Trade Test Mock Written Test Paper

此文件關於索具工(叻噪)/金屬模板裝嵌工工藝測試考題有需要索取此文件的中文版本,請致電 2100 9000
與香港建造業工藝測試中心聯絡。

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1. When concreting large-sized plate mold, it has to be done layer by layer. What is the purpose?
 - a. To improve the structure of the concrete
 - b. To increase the speed of concreting
 - c. To prevent the dislocation of the plate mold so that the it can withstand the force evenly
 - d. To make sure that the reinforcing bars will not be seen

2. The joints of the plate mold must be embedded tightly, it aims at _____.
 - a. Improving the structure of the plate mold
 - b. Preventing the leakage of water when concreting
 - c. Preventing the leakage of concrete when concreting, which may affect the structure
 - d. Preventing the damage of the plate mold

3. After the embedment of the plate mold, what kind of materials can you use to fill the bottom gap?
 - a. No need to fill the gap
 - b. Cement and polystyrene foam
 - c. By welding
 - d. By newspaper

4. After the plate mold is embedded properly, its _____ must be maintained.
 - a. Number of screw bolts
 - b. Number of screws
 - c. Number of workers
 - d. Stability

5. When installing 'Façade', the pulling rod must be able to _____.
 - a. Withstand pulling force and supporting force
 - b. Use for a long period
 - c. Have enough supporting force
 - d. Withstand strong pulling force

6. When dismantling a large-sized plate mold, if its height is over 2 metres, one must _____.
 - a. Have a qualified working platform
 - b. Wear a safety harness
 - c. Work by climbing
 - d. Use a ladder to work

7. What is the function of pick up of a partition wall?
 - A. Decrease the amount of concrete used
 - B. Fix the bottom of the plate mold
 - C. Increase the strength of concrete
 - D. Fix the position of reinforcing bar

8. What is the function of tightening wall bolts and wall position screws?
 - A. Reinforce the supporting angle of the plate mold
 - B. Keep the plate mold perpendicular
 - C. Eliminate the lateral compression of concrete's quality
 - D. Reinforce the plate mold's concrete strength

9. When storing large-sized plate mold on the ground, one should _____.
 - a. The interior and exterior plate mold face to face to store it vertically
 - b. Use a single plate mold to store it vertically
 - c. Assemble the plate mold and place it horizontally on the ground
 - d. Erect it

10. Before the installation of large-sized plate mold, the interior and exterior site markings as well as the line are _____.
- A. Used for checking if the plate mold is in the correct position
 - B. To let the machine operators estimate the location for installation
 - C. Used as a marking on the stored plate mold
 - D. Used to mark the location for reinforcement fixing
11. If there is a deformation or damage in a plate mold's accessories, it must be _____.
- A. Repaired in accordance with designated specifications
 - B. Repaired by oneself
 - C. Ignored and can continue to use it
 - D. Reported to the Safety Officer for maintenance
12. For cleaning the cement mortar which sticks on the plate mold, you can _____.
- A. Tap it gently with a hammer
 - B. Clean it with plate mold descaling agent
 - C. Let it go
 - D. Cover it with paint
13. If the clothes are wet, using electrical appliances should be avoided to prevent _____.
- A. Fire
 - B. Explosion
 - C. Electric shock
 - D. Poisoning

14. Which of the following working environments is more likely to result in heat stroke?
- A. Uncovered places
 - B. Places without the scorching sun
 - C. Hot and humid places
 - D. Places without air-conditioning
15. The purpose of tying a tail rope when lifting the formwork is _____.
- a. To determine the wind direction
 - b. To assist the lifting operator with determining the position
 - c. To indicate that a large formwork is being lifted
 - d. To control the formwork when hoisting
16. Workers who use lifting machine to assemble metal formwork are commonly known as _____.
- a. Formwork worker
 - b. Rigger
 - c. Make-up the plate mold worker
 - d. Formwork worker (Metal formwork)
17. Which of the following clothing is not appropriate for work?
- a. Pants in appropriate length
 - b. The clothes are completely fastened
 - c. Neat uniform
 - d. Sandals or slippers
18. In accordance with the Prevention of Bribery Ordinance, the definition of advantage includes
- a. Loans only
 - b. Personal services only
 - c. Loans and services only
 - d. Gifts, loans and services

19. In violating the section 9 of the Prevention of Bribery Ordinance, the maximum penalty is
- A. A fine of \$10,000 and imprisonment for 1 year
 - B. A fine of \$500,000 and imprisonment for 7 years
 - C. Imprisonment for 10 years
 - D. Imprisonment for 20 years
20. Which of the following statements is not an example of conflicts of interest?
- A. The chairman of a tendering group is one of the directors at the tender's company
 - B. The construction supervisor owns the financial advantages from the subcontractor
 - C. The technicians follow the regulations to work
 - D. The site representative of the contractor is a relative of the architect in charge

End of Paper