

Concretor

Intermediate Trade Test

Study Material for Written Test

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此文件關於混凝土工中級工藝測試技術知識測試（筆試）內容參考資料。
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Study Material for Written Test

This study material is a reference for candidate to prepare for attending written test in Intermediate Trade Test:

1. Concrete is measured in volume, i.e. cubic metre, m³.
2. The purpose of tamping concrete is to compact the concrete to make it more dense and better strength.
3. Tamping concrete is to eliminate air bubbles trapped inside concrete.
4. Poker vibrator should be inserted vertically into the concrete.
5. Poker vibrator should be inserted into the concrete as quickly as possible and slowly withdrawn from concrete.
6. One of the major reasons that cause honeycombing inside concrete elements is inadequate compacting of concrete.
7. The purpose of completely wetting the formwork is to prevent water inside fresh concrete being absorbed by wooden formwork.
8. Before concreting with pump truck, the tightness of hose clamp of the whole concrete conveying/pump pipe should be checked.
9. The tool to prepare rough brushed concrete surface is iron broom.
10. Adding retarding admixture into concrete is to delay the setting time of concrete.
11. The size of the test cube for testing of compressive strength of concrete should be 150mm x 150mm x 150mm.
12. In curing concrete carriageway, concrete surface should be covered with hessian and kept constantly wet, i.e. generally, spraying water by two to three times per day.
13. The tool to connect the concrete conveying/pump pipe should be metallic hose clamp.

14. The name of the tool shown in the picture is poker vibrator.



15. The width of any working platform should not be less than 400mm.
16. The advantages of doing warm-up exercise before lifting and handling heavy objects are helping the muscles and the cardiovascular system to get ready and avoiding getting hurt.
17. The height of top guardrails should be installed between 900mm - 1150mm above the platform of scaffolding.
18. According to the ordinance, worker should hold valid certificate of Mandatory Basic Safety Training Course for Construction Industry (commonly known as “Green/Safety Card”) when entering the construction site.
19. If corruption happened in construction industry, it may affect the quality of works.
20. According to “Prevention of Bribery Ordinance”, there is no minimum value or threshold for an advantage to ‘qualify’ as a bribe.

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