

Metal Scaffolder Intermediate Trade Test Study Material for Written Test

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此文件關於金屬棚架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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This study material is a reference for candidate to prepare for attending written test in Intermediate Trade Test:

1. According to Prevention of Bribery Ordinance, the definition of “advantage” means any gift, loan and/or any other service.
2. According to British Standard, the steel tubes used in tubular scaffold should have an outside diameter of 48.3mm.
3. The total level deviation of ledger should not be greater than 50mm.
4. The total vertical deviation of standard should not be greater than 50mm.
5. The vertical distance between two successive landings should not exceed 9m.
6. Vertical distance between ties should not be greater than 8.5m.
7. The joints in continuous diagonal bracing should be made by overlapping two tubes with minimum lap-length of 300mm.
8. The plan bracings of a working platform should be installed under the ledger.
9. When metal towers are required to be erected at a height exceeding the ratio of height to the least base dimension, additional ties should be installed at levels of approximately every 6m.
10. If scaffold system founded on sloping ground with slope ratio exceeding 1:10, the foundation should be checked to ensure the stability of the scaffold.
11. The function of the base plates is to prevent the standards from penetrating into the ground.
12. Standards of the scaffold if not plumbed will affects its loading capacity.
13. To erect a proprietary scaffold, it should follow the instructions given by the manufacturer.
14. The nylon net spread on scaffold should use fire retardant material for fire resistant.
15. The plank forming part of the working platform should be not less than 25mm in thickness.
16. According to the Construction Sites (Safety) Regulations, Form 5 – Scaffolds reports of results of fortnightly or other inspections should be signed by competent examiner or competent person.

17. When using wire rope in lifting bunched steel tubes, 2 wire ropes should be used normally.
18. The definition of "Advantage" stated in "Prevention of Bribery Ordinance" includes gift, loan and any other service.
19. To erect or dismantle metal scaffold under outdoor environment, it is important to aware of weather conditions especially under thunderstorm warning.
20. When storing the components of the metal scaffold, the tubes shall be stacked and bunched properly to prevent tubes from rolling which causes risk.

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