

Bricklayer

Intermediate Trade Test

Study Material for Written Test

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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. When building brick wall, wooden straight edge is used to calibrate the verticality of the wall.
2. The purpose of using hollow block to construct wall is to reduce floor loading.
3. To manufacture bricks, concrete brick does not require to keep in high temperature during manufacturing process.
4. The daily height limitation for constructing a brick wall should not exceed 900mm.
5. In general, the thickness of mortar joints (bed joints) in brick wall is 10mm.
6. Generally, the depth of raked joint is 10mm.
7. The symbol shown in the diagram represents bricks.
8. The symbol shown in the diagram represents levelling mark.
9. Before laying bricks on top of the door, a precast reinforced concrete lintel should be installed first.
10. For cement mortar used in brickwork wall construction, the mix proportion of cement and sand is 1 to 3.
11. The purpose of applying metal lath at the joint between concrete and brick wall is to prevent cracks happen.
12. English bond usually used when constructing 225mm thick double brick wall.
13. Cement mortar should be used up within 1 hour after mixing with water.
14. Stretcher bond usually used when constructing 70mm thick sidewall and 105mm thick single layer quoin wall.
15. The minimum width of the working platform for a double-layered scaffold should be not less than 400 mm.
16. Using mechanical aids, such as machine, should be considered first when carrying heavy objects.

17. To construct brick wall at designated height, number of layers of bricks and thickness of mortar joint should be planned in advance before commencement of work.
18. The best way to reduce wastage of cement mortar is to prepare a portion of mortar which is sufficient enough for an hour of use.
19. In case of any corruption/act of bribery happen in construction industry, it will cause decline in work quality.
20. If more than two mud buckets of cement mortar left after work, it is regarded as not making good use of materials.

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