

# Carpenter (Formwork-Building Construction) Intermediate Trade Test Study Material for Written Test

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# Carpenter (Formwork-Building Construction)

## Intermediate Trade Test

### Study Material for Written Test

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

1. For a good formwork template, gaps between the strips should be less than 1mm.
2. When fabricating a wooden formwork, the most common type of nail used is 2-inch (common nail) stub nail.
3. The purpose of providing a temporary flexible opening for column or wall is to make it easy to remove debris and scrap.
4. For water tank and retaining wall, coil type form tie should be used instead of plastic (PVC) cone spreaders to tie the formwork in order to prevent water from seeping into the wall.
5. The overall components of the completed formwork should have sufficient strength, stiffness and stability.
6. The purpose of applying mould oil on the formwork is to prevent concrete from sticking to the formwork.
7. The prop, ledger and joists of timber formwork are the main load bearing components. Normally, it is made of smooth, straight and tough materials.
8. To prevent water seepage, the plastic cone and tube for form tie left on outer wall of buildings should be removed and filled by cement mortar.
9. For a standalone column formwork with size of 0.9m x 0.9m x 2.5m height, four props should be used at the corners.
10. The function of riving knife is to separate the timber and avoiding them closing in on the saw which may cause flung back or off with great violence.
11. To push the remaining material when planing or cutting timber on a woodworking machine tool, crimp fitting plane base (push-block) or forked pushing (push stick) should be used.
12. Builder's lift is permitted to transport construction workers to travel between different floors of the building during construction.

13. On construction site, it is prohibited to burn the construction waste.
14. When there is a problem, such as malfunctions, with an electrical tool, worker should stop using it and report to the person in charge/supervisor to arrange repairing.
15. The sawdust and fillings should be clean and put into the rubbish bin after sawing.
16. When using a chainsaw, safety goggles should be worn to protect the eyes.
17. When working on site, safety shoes should be worn to protect the feet.

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