

# Electrical Wireman Intermediate Trade Test Study Material for Written Test

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此文件關於電氣佈線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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# Electrical Wireman 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. To put out electrical fire or fire caused by electrical equipment, it is suitable to use carbon dioxide gas type extinguisher.
2. The measuring unit of current is ampere (A).
3. Yellow/green coloured wire should connect to the position marked “E” inside the plug.
4. Blue coloured wire should connect to the position marked “N” inside the plug.
5. For wiring installation using PVC or plastic conduit, conduit bends should have an internal radius of at least 4 times the outside diameter of the conduit.
6. For steel conduit, its size is measured by its outer diameter.
7. For surface wiring installation, it is not applicable to use 1x 1c 1.5mm PVC Cu. (Copper) cable.
8. The major power generation in Hong Kong is by fossil fuel.
9. The frequency adopted by electric power system in Hong Kong is 50 Hertz (Hz).
10. Currently, the low voltage power supply system in Hong Kong includes single phase circuit at 220 Volts (V) and 3 phase circuit at 380V.
11. The common name for Double Pole Switch (DP Switch) is called Cooker Switch.
12. The function of earth leakage circuit breaker among the electricity safety device is to prevent electric shock.
13. By connecting portable electric hand tools with circuit leakage breaker, it can prevent electric shock accident occur.
14. The symbol “回” showed on handheld electrical tools means it is double insulated and no earthing is needed.
15. According to Construction Sites (Safety) Regulations, no person should enter a construction site unless he/she is wearing a suitable safety helmet.
16. When fault occurs in fixed electrical installation, it should be repaired by a registered electrical worker.

17. According to Prevention of Bribery Ordinance, the definition of “advantage” means any gift, loan and/or any other service.
18. If any materials are causing obstruction at a worksite, materials should be carefully move to a nearby spot which does not cause any obstruction.
19. Protective conductor is commonly known as “earthing cable”.
20. Apart from surface wiring, neutral wire does not need to pass through the switch box during installation.

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