

Refrigeration / Air-conditioning / Ventilation Mechanic (Air System) Intermediate Trade Test Study Material for Written Test

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此文件關於空調製冷設備技工（送風系統）中級工藝測試技術知識測試（筆試）內容參考資料。
如需索取此文件的中文版本，請致電 2100 9000 與香港建造業工藝測試中心聯絡。

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

1. To clean the interior part of the ventilation duct, cleaning hole should be provided and spacing of each hole should be no more than 4m.
2. The electrical voltage for single phase power in Hong Kong is 220 volts.
3. To put out electrical fire or fire caused by electrical equipment, it is suitable to use carbon dioxide gas type or dry powder type extinguisher.
4. Fresh air or exhaust duct does not require insulation treatment.
5. The minimum ratio of turning radius to its diameter of flexible air duct/tube is 2.
6. Ventilation duct marked with letters "FAD" indicates that the duct is used to transport fresh air.
7. In specification of government work and related construction document, the measuring unit of wind velocity is metre/second (m/sec).
8. In specification of government work and related construction document, the measuring unit of wind pressure is Pascal (Pa).
9. The maximum opening size of bird net for vent in air system is 12mm x 12mm.
10. The main reason to use flexible chute in air system is to isolate mechanical vibration, allow thermal expansion and contraction of air supply system and to facilitate overall installation work.
11. Before using a portable power machine tool, it is necessary to check the tool is safe to use in order to ensure work safety.
12. The function of earth leakage circuit breaker among the electricity safety device is to prevent electric shock.
13. The measuring unit of a measuring tape is kilometre (km), metre (m) and millimetre (mm). And 1 m is equivalent to 1000mm.

14. When using a hand-held power drill to bore holes, the force to apply while the hole is almost through should be reduced in order to prevent drill bit broken.
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. Poor housekeeping of workplace will mostly be prone to happen of tripping and slipping accident.
18. To ensure work safety, it is inappropriate to consume alcoholic drinks during lunch.
19. In case of foreign object in the eye, clean water should be used to flush the foreign object out of the eye.
20. When drilling holes in a metal box, safety goggles should be worn.

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