

Glazier

Intermediate Trade Test

Study Material for Written Test

(Version : IGA-SM-EN-01)



此文件關於玻璃工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。

Disclaimer

No part of this material may be reproduced or transmitted in any form or by any means without the written permission from the Construction Industry Council (CIC). Whilst reasonable efforts have been made to ensure the accuracy of the information contained in this material, the CIC nevertheless would encourage readers to seek appropriate independent advice from their professional advisers where possible and readers should not treat or rely on this material as a substitute for such professional advice for taking any relevant actions. The CIC will not assume any liability in relation to any loss or damage directly or indirectly resulted from unintended or/and unforeseeable use of this document.

This document is provided as reference for test preparation only. Under all circumstances all content in the official test papers, including but not limited to the terms and conditions therein, prevails.

The CIC reserves the right, at its sole and absolute discretion, to change, update or delete the contents in this document at any time without prior notice.

The CIC reserves all rights of final interpretation for any content in this document.

Enquiries

Enquiries on this material may be made to Hong Kong Construction Industry Trade Testing Centre at:

Address: 95 Yue Kwong Road, Aberdeen, Hong Kong

Tel: (852) 2100 9000

Fax: (852) 2100 9090

Email: hkcittc@cic.hk

Website: www.cic.hk

Glazier 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. The key material of glass is marine sand.
2. Mirror is made by coating a silver layer on the glass backing so that image can be reflected.
3. Tempered glass will break into tiny fragments which will not cause serious injuries to the user.
4. Low emissivity glass can block a certain degree of infrared radiation, lower the penetration of ultraviolet radiation to prevent ageing and fading of organic substances, and keep the room bright.
5. To prevent spontaneous breakage in tempered glass, thermostatic test incorporating heat soak process cycle is required. The process consists of heating phase, holding phase and cooling phase. It requires the glass to be soaked in the heat soak oven for 2 to 3 hours.
6. Tempered glass is produced by using normal glass which processed thermal treatments. The strength of tempered glass is 3 times higher than normal glass.
7. The main functions of insulated glass are soundproofing, heat insulation and wind shielding.
8. To manufacture frosted glass, silicon carbide is used for sandblasting under high pressure in order to achieve proper abrasion.
9. The major attribute of laminated glass is highly safe. Glass cracks under external forces but it does not break into fragments.
10. Acid silicone sealant is cheap and quick-drying.
11. Window hinges are commonly made of stainless steel which are easily purchasable.
12. The tip of the glass cutter is commonly made by silicon carbide and carbide wheel glass cutter.
13. The tool shown in the photo is 1 inch China scraper (putty knife scraper) which remove the silicone sealant or clean off the old caulk.



14. The tool shown in the photo is glass cutter.



15. Working at height means the distance between the workplace and the ground is 2m or above.
16. The top guard-rails of working platform should be ranged from 900 to 1150mm in height.
17. In case of any corruption/act of bribery happen in construction industry, it will cause decline in work quality.
18. The benefits of professional ethics and good conducts will improve construction industry and it will bring us mentally and physically well.
19. The highest fatal accident rate in construction industry is work at height.
20. When lifting heavy objects, keep your back straight and proper lifting posture should be adopted.

Precautions

This document is provided as reference for test preparation only. Under all circumstances all content in the official test papers, including but not limited to the terms and conditions therein, prevails. There are different versions of the test paper, content include but not limited to tools, materials, equipment, drawing, construction details or procedures and different simulated site environments. Candidates should refer to the official test documents during testing.

The CIC reserves the right, at its sole and absolute discretion, to change, update or delete the contents in this document at any time without prior notice.