



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Window Frame Installer Intermediate Trade Test Mock Practical Test Paper

此文件關於窗框工工藝測試考題。如有需要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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Enquiries

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Intermediate Trade Test
Test Paper

Trade : Window Frame Worker

Grade : Semi Skilled Worker

Test Content : Complete the following items in accordance with the drawing(s) at the designated location:

1. Installing a set of corner aluminium window frame (W1) in accordance with Working Drawing 1, the leveller and levelling requirements;
(40 marks)

2. Installing a set of aluminium sliding window (W2) in accordance with Working Drawing 2, the leveller and levelling requirements;
(30 marks)

3. Installing a stainless steel self-closing door and frame (D1) in accordance with Working Drawing 3, the leveller and levelling requirements.
(30 marks)

Test Time : 3 hours


- Notes :
- (1) Candidate should read the attached “Notes to candidate” before commencement of work.
 - (2) Candidate will be assessed as fail if he / she conducts the test without necessary safety precautions and / or conduct works in any dangerous situations.
 - (3) There are 5 pages. Total score is 100. Passing mark is 60.

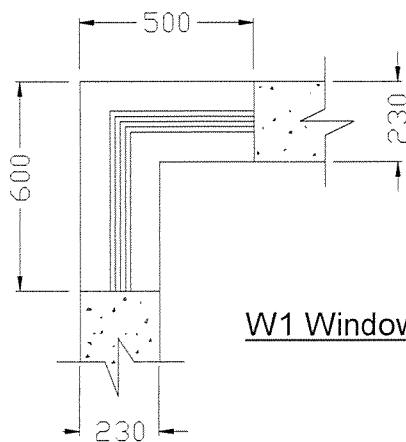
Notes to Candidate

1. Candidates should read the test papers carefully and ask the invigilator for any queries.
2. Candidates should study the drawings and specifications attached to the test paper, if any, before the test begins.
3. Candidates should carry out the test according to test papers, working drawings and specifications provided.
4. Candidates shall bring their own safety shoes, other safety equipment will be provided by trade testing centre. Candidates must take all necessary safety precautions to ensure work safety.
5. All tools and materials required by the test will be provided by trade testing centre, candidates should check and ensure their adequacy and quality. Candidates shall use the tools and materials properly based on trade practice. All the tools must be returned to trade testing centre after the test. The candidates may ask the invigilator for any problems.
6. Candidates are required to handle and move the tools and materials for use in the test, and to carry out associated works.
7. Invigilator will take record photos periodically during the test.
8. Candidates are not allowed to take any photo or video with cameras or mobile phones.
9. Candidates are not allowed to use their mobile phones during the trade tests, except for emergency situation.
10. The marking scheme is based on the following criteria :
 - a. Understanding of drawing and specification
 - b. Preparation works before commencement of test
 - c. Working procedures
 - d. Accuracy and quality of works
 - e. Progress of works
 - f. Proper handling and use of materials
 - g. Proper use of tools and equipment
 - h. Safety precautions
 - i. Considerate of other trades
 - j. House keeping after completion of test
11. All candidates must stop when time is up.
12. Candidates are required to return the test paper to invigilator after the test.
13. Offering bribe to invigilator is an offence in law and trade testing centre will report to the ICAC for any such case.

In the event that the candidate fails to take any necessary safety precautions and / or works in any dangerous situations, he / she will be assessed failed

Working Drawing 1 for Intermediate-level Trade Test (Window Frame Workers)

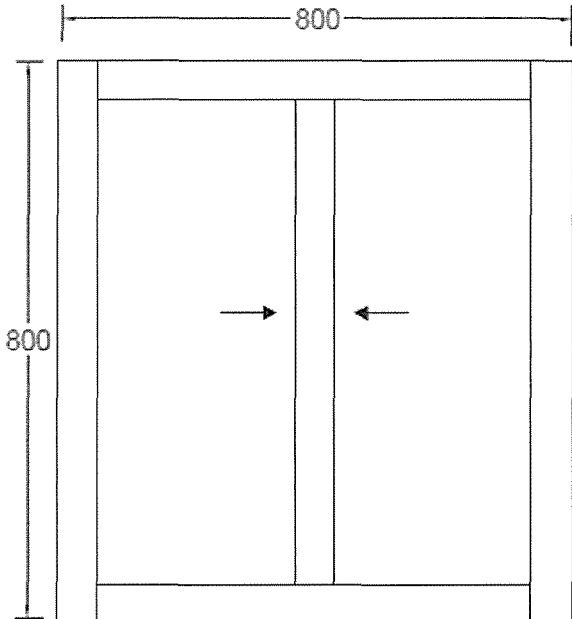
No. Content	W1	<p><u>Installation of corner aluminium window frame (W1)</u> <u>Works requirements as follows:</u></p> <ol style="list-style-type: none"> 1. Corner window materials (box sections for corner post) have to be connected with window frame using screws; 2. Temporary securing and fixing the window frame with a wooden wedge; 3. Installing 10 holdfasts to secure the window frame; 4. The permitted discrepancy (vertical or levelling) for the window is 3 mm.
Profile		
Type	Corner aluminium window	
Glass	Installation is not required	
Remarks	Installation of window frames	

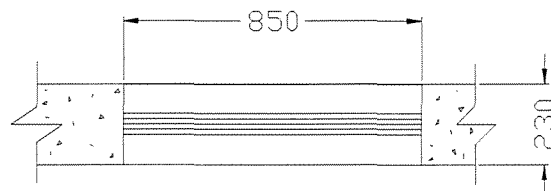


W1 Window Layout Plan

1. This diagram is not to scale.
2. All dimensions are in millimetres (mm).

Working Drawing 2 for Intermediate Trade Test (Window Frame Workers)

No. Content	W2	<p><u>Installation of sliding window (W2)</u> <u>Works requirements as follows:</u></p> <ol style="list-style-type: none"> 1. Temporary securing and fixing the window frame with a wooden wedge; 2. Installing 10 holdfasts to secure the window frame; 3. The permitted discrepancy (vertical or levelling) for the window is 3 mm. 4. Please refer to actual objects and leveller indications are to be taken as yardsticks.
Profile		
Type	Sliding window	
Glass	Installation is not required	
Remarks	Installation of window frame	



1. This diagram is not to scale.
2. All dimensions are in millimetres (mm).

W2 Window layout

Working Drawing 3 for Intermediate-level Trade Test (Window Frame Workers)

No. Content	<p align="center">D1</p>	<p><u>Installation of stainless steel self-closing door and frame (D1)</u></p> <p><u>Works requirements as follows:</u></p> <ol style="list-style-type: none"> 1. Connecting the stainless steel door fitted with piano hinge and the door frame assembly using pop-rivets; 2. Installing the stainless steel door and frame at the aperture; 3. Securing the frame onto the wall using angular components; 4. The planar gap between the frame and the wall must be 6 mm; 5. Please refer to actual objects and leveller indications are to be taken as yardsticks.
Profile		
Type	Stainless steel door	
Remarks	Installation of door frame and door	<p align="center">Stainless steel self-closing door</p> <p align="right"><u>D1 Door Layout Plan</u></p> <ol style="list-style-type: none"> 1. This diagram is not to scale. 2. All dimensions are in millimetres (mm).