



CONSTRUCTION  
INDUSTRY COUNCIL  
建造業議會

# **Curtain Wall Installer Skilled Trade Test Mock Practical Paper**

此文件關於幕牆工大工工藝測試考題。如有需要索取此文件的中文版本，請致電 2100 9232 與工藝測試中心聯絡。

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## **Enquiries**

Enquiries on this Material may be made to the Trade Test Centre at:

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## **Trade Test Paper**

Trade : Curtain Wall Installer

Grade : Skilled Worker

Test Contents : Complete the following tasks at designated location according to the attached working drawings 1 to 4 :

- (1) Adjust the fixing angles according to the off-set markings provided in the working booth;
- (2) To install the mullions and transoms on the existing structure according to the drawing1;
- (3) To install the glass and aluminum curtain walls with suitable tools according to the drawings 2 and 3;
- (4) To install the aluminum claddings on the existing beam with suitable materials according to the drawing 4;
- (5) To seal the surrounding of glass and aluminum curtain walls with tape and silicone sealant.

Duration : 6 hours (excluding lunch time)

Notes : (1) Candidate shall read the attached test requirements carefully;

(2) Candidate will be marked as fail if he does not carry out safety precautions during the test;

(3) The test paper consists of 6 pages. Total score is 100. Pass mark is 60.

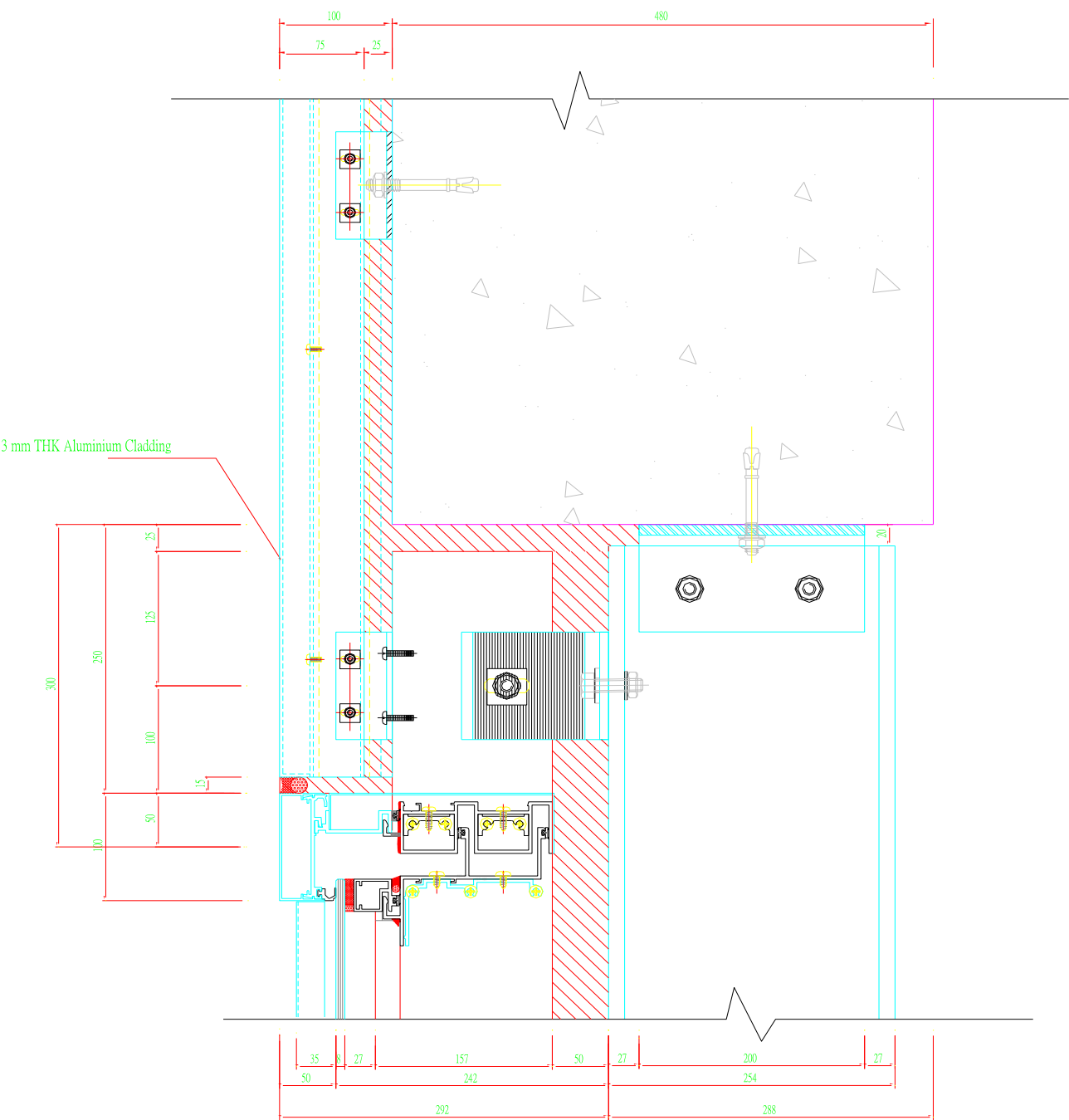
# Curtain Wall Installer Trade Test Working Drawing 1



### SIDE VIEW

Dimensions are NOT in Scale  
(Unit : mm)

Curtain Wall Installer Trade Test Working Drawing 2



CROSS-SECTION A

Dimensions are NOT in Scale  
(Unit : mm)

Technical drawing of a mechanical assembly, showing a cross-section of a bracket or support structure. The drawing includes dimensions in millimeters (mm) and labels for components.

**Dimensions (mm):**

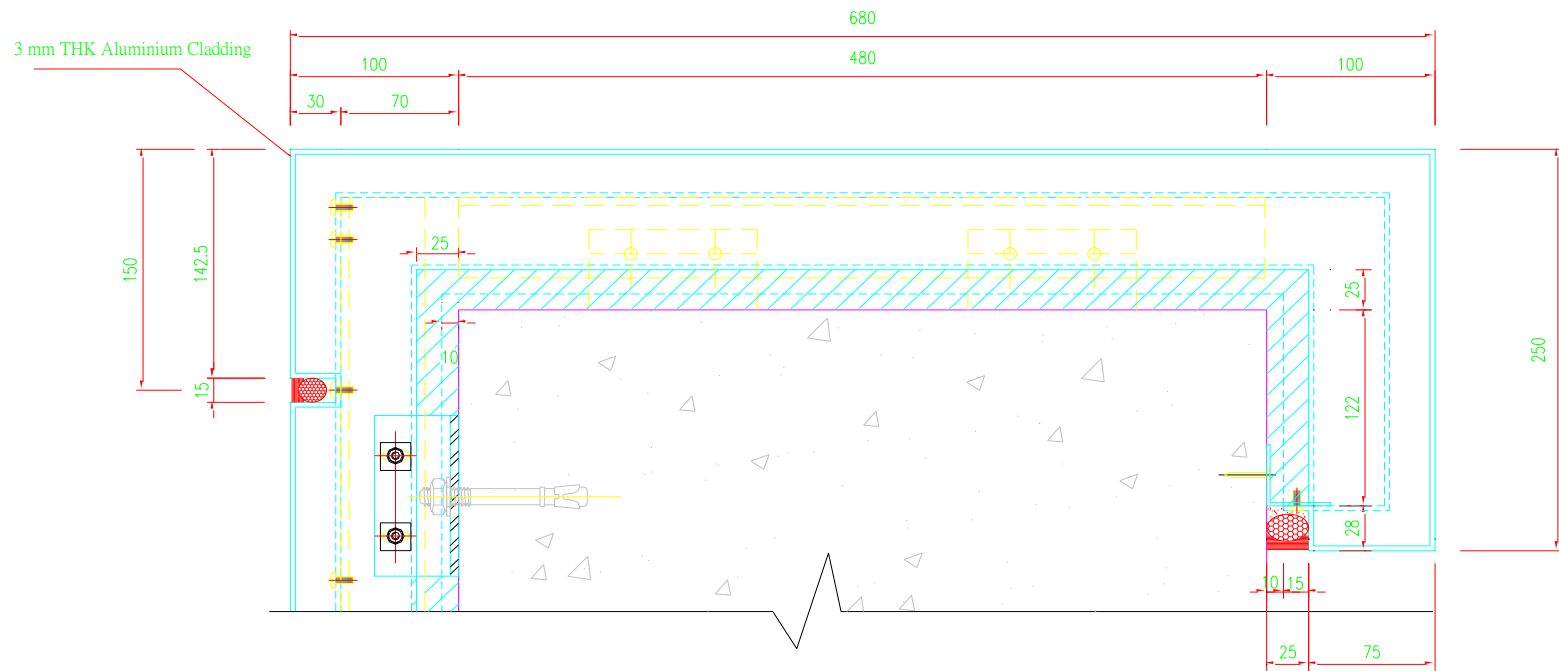
- Overall Width: 254
- Overall Height: 546
- Top Flange Width: 254
- Top Flange Thickness: 27
- Top Flange to Washer Distance: 200
- Washer Thickness: 27
- Washer to Base Distance: 50
- Base Thickness: 22
- Base to Bottom Flange Distance: 170
- Bottom Flange Thickness: 35
- Bottom Flange Width: 50
- Bottom Flange to Base Distance: 8
- Base to Bottom Flange Distance: 27
- Base to Bottom Flange Distance: 50
- Base to Bottom Flange Distance: 100

**Labels:**

- ALUM-Extruded Fixing Angle
- 50 x 50 ALUM. Serrated Washer
- M12 S.S. Bolt & Nut

Dimensions are NOT in Scale  
(Unit : mm)

## Curtain Wall Installer Trade Test Working Drawing 4



Dimensions are NOT in Scale  
(Unit : mm)

## Notes to Candidates :

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 test papers, 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
- h) Housekeeping 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.

<p><b>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</b></p>
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