

工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 5937 / 23      修改版次：  
 工程編號      : J - 858      工程名稱      : 將軍澳日出康城 11  
 工程項目      : 顧問上廠報告 (18/11-24/3) 精華版加完整版  
 收件人      : 生統 / Doris      發件人      : Paul Wong      日期      : 29/03/2023

要求提供 /  確認 事項：

- |                                    |                                     |                               |
|------------------------------------|-------------------------------------|-------------------------------|
| <input type="checkbox"/> 初步鋁料 B.M. | <input type="checkbox"/> 加工拆圖，然後生產  | <input type="checkbox"/> 尺寸表  |
| <input type="checkbox"/> 正式鋁料 B.M. | <input type="checkbox"/> 技術上資料 / 指示 | <input type="checkbox"/> 報價   |
| <input type="checkbox"/> 配件 B.M.   | <input type="checkbox"/> 樣辦或貨品說明書   | <input type="checkbox"/> 分判合約 |
- 內容：

顧問提出改善方案，請依相中指示，影回照片後放在群組 (J858 每日生產匯報群)，共 25 張。請在 4 月 10 日前交齊相，顧問和老闆在 4 月 18 日上廠看文件，請注意。

請在 2023.04.10 前完成上列要求。

附： 頁

以上項目為：

- 原合約工程包       原合約工程加 / 減賬       新工程報價

原因：-

分發東莞各部門：

- ( ) 生產技術總監  連附件 (✓) 技術部  連附件      ( ) 生產部       連附件      ( ) 機械設計部  連附件  
 ( ) 採購部       連附件 (✓) 生產統籌部  連附件      (✓) 小羅 & 清       連附件  
 (✓) 質檢部       連附件      ( ) 會計部       連附件      ( ) 報關組       連附件 (✓) 其他 . 水洪, 楊榮輝  連附件

分發香港各部門：

- ( ) 行政部  連附件      ( ) 會計部  連附件      ( ) 統籌部  連附件      ( ) 工程部地盤科文  連附件  
 ( ) 採購部  連附件      ( ) QS 部  連附件      ( ) 維修部  連附件      ( ) 其他 \_\_\_\_\_  連附件

傳遞編號：

HK 623 / 23

發件人簽署：

項目經理簽署：

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule			
No. of Visit	Date	Factory	Inspection Engineer
R1	1 #1, #2 2022-11-18	Midi 中堂 Factory	CF. Cheng
R2	2 #3, #4 2022-11-21	Midi 中堂 Factory	CF. Cheng
R3	3 #5 2022-11-25	Midi 中堂 Factory	CF. Cheng
R4	4 #6 2022-11-30	Midi 中堂 Factory	CF. Cheng
R5	5 #7~9 2022-12-12	Midi 中堂 Factory	CF. Cheng
R6	6 #10 2022-12-20	Midi 中堂 Factory	CF. Cheng
R7	7 #11~14 2023-01-04	Midi 中堂 Factory	CF. Cheng
R8	8 #15, #16 2023-02-03	Midi 中堂 Factory	CF. Cheng
✓	9 2023-02-10	Midi 中堂 Factory	CF. Cheng
R10	10 #17, #18 2023-02-17	Midi 中堂 Factory	CF. Cheng
<del>R11</del>	11 2023-02-17	Polyfair~泰克邦(鋁板廠)	CF. Cheng
		Polyfair~普立幕牆(鋁料廠)	
R11	12 #19, 20 2023-02-24	Midi 中堂 Factory	CF. Cheng
	13 2023-03-02	Polyfair~泰克邦 (睿弘公司) 鋁板噴塗廠	CF. Cheng
	14 2023-03-03	Midi 中堂 Factory	CF. Cheng
同次	15 2023-03-09	Midi 湖南 Factory	CF. Cheng
	16 2023-03-10	Midi 中堂 Factory	
	17 2023-03-15	Polyfair~鴻興/匯豐廠	CF. Cheng
R17	18 #21~24 2023-03-17	Midi 中堂 Factory	CF. Cheng
R18	19 #25 2023-03-24	Midi 中堂 Factory	CF. Cheng

合共24張相

# Midi Factory Inspection on 18-Nov-2022 - Report No. R01

R1



1. General view of Midi Factory



2. General view of Midi Factory

#1

Action: Storage of Raw materials should be without causing overstress, permanent defection or warping



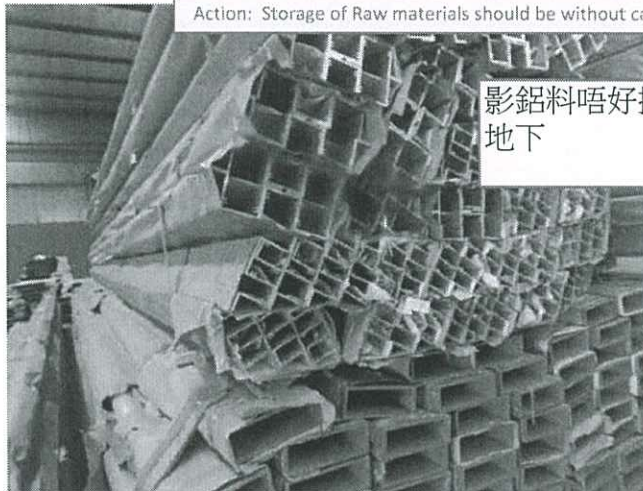
3\_Raw materials are in messy and heavy loading condition

影鋁料唔好擺咁高，影一兩扎擺係地下



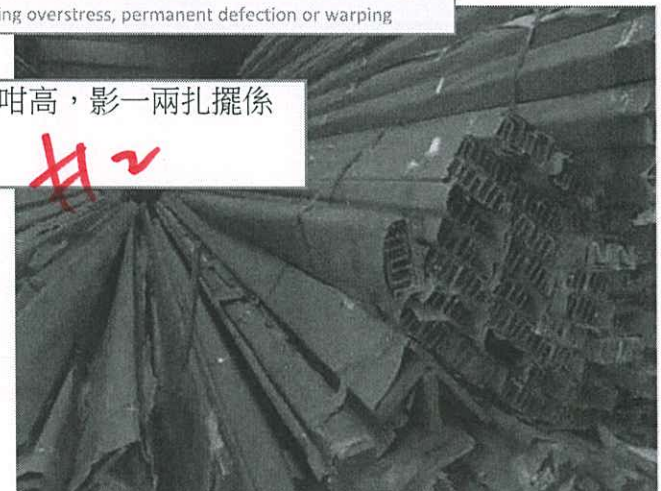
4\_Raw materials are in messy and heavy loading condition

Action: Storage of Raw materials should be without causing overstress, permanent defection or warping



5\_Raw materials are in messy and heavy loading condition

影鋁料唔好擺咁高，影一兩扎擺係地下



6\_Raw materials are in messy and heavy loading condition

#2

# Midi Factory Inspection on 21-Nov-2022 - Report No. R02

*R2*

Action: Midi is required to strictly follow the agreement during tender stage for principle design to seal-up end position of Transom and Mullion



1\_Mullion and Transom for sliding door



2\_Mullion and Transom for sliding door

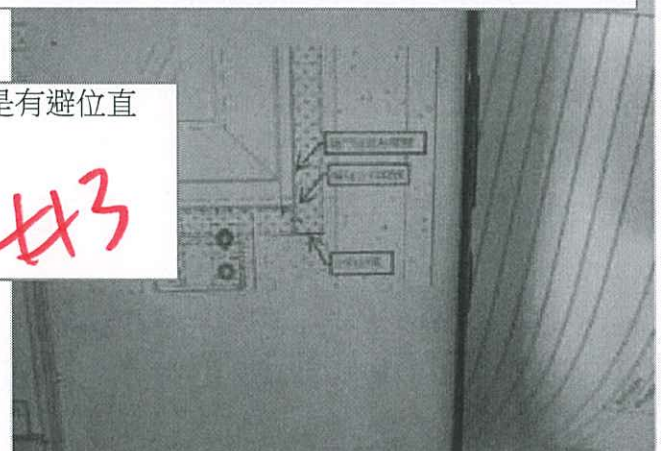
Action: Midi is required to strictly follow the agreement during tender stage for principle design to seal-up end position of Transom and Mullion



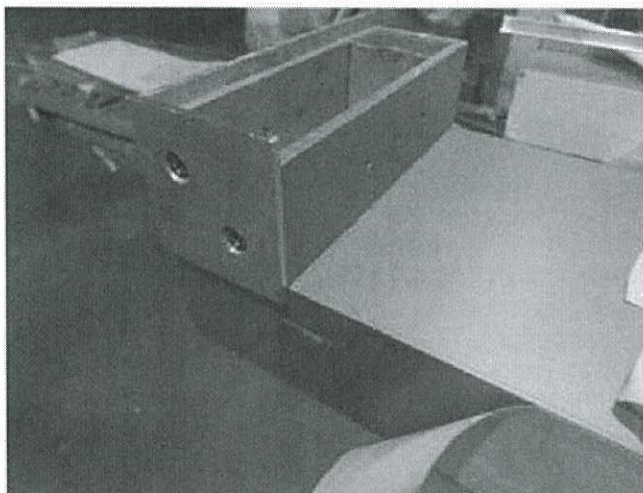
3\_ one side of mullion was found consealed

橫料同企料要跟圖組裝，是有避位直碰。要補相

*H3*



4\_Original design from Midi

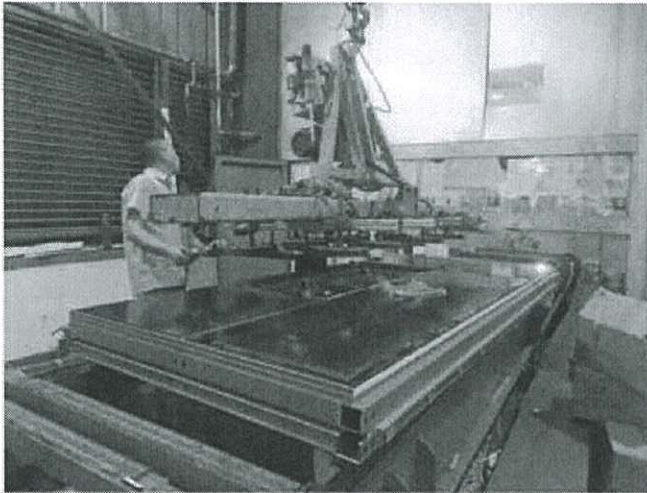


5\_Trial assembly of mullion and transom for sliding door



6\_General inspection of sealant application at Mullion & Transom interface

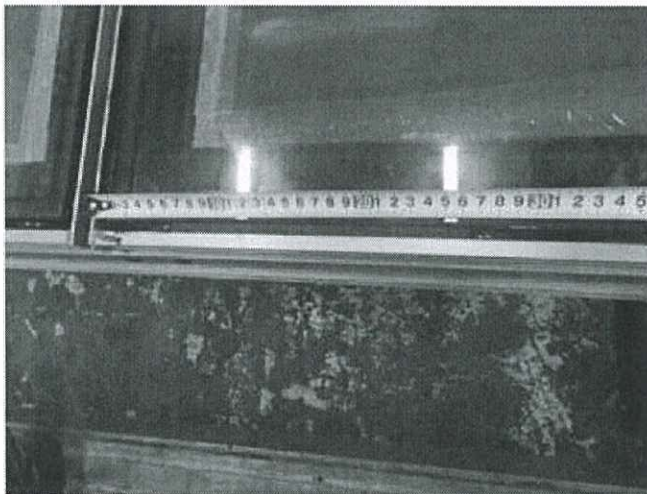
# Midi Factory Inspection on 21-Nov-2022 - Report No. R02



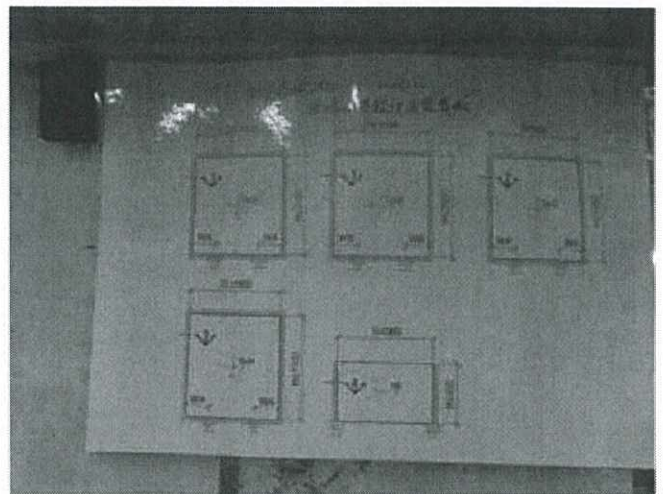
19\_Fixing of Glazing



20\_Application of Structural sealant

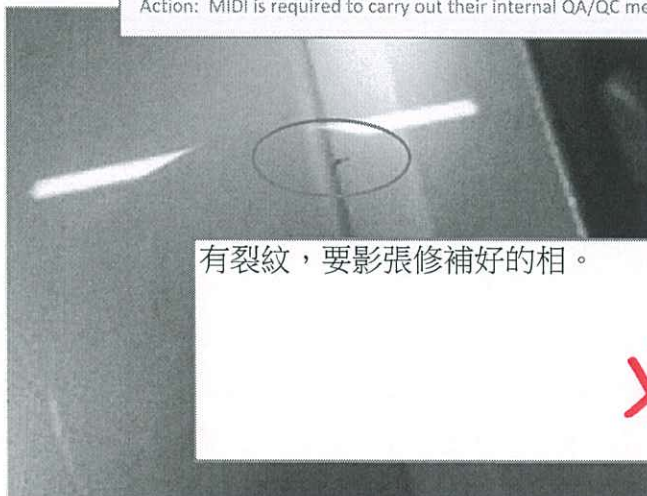


21\_Check length and position of setting block



22\_Setting block position

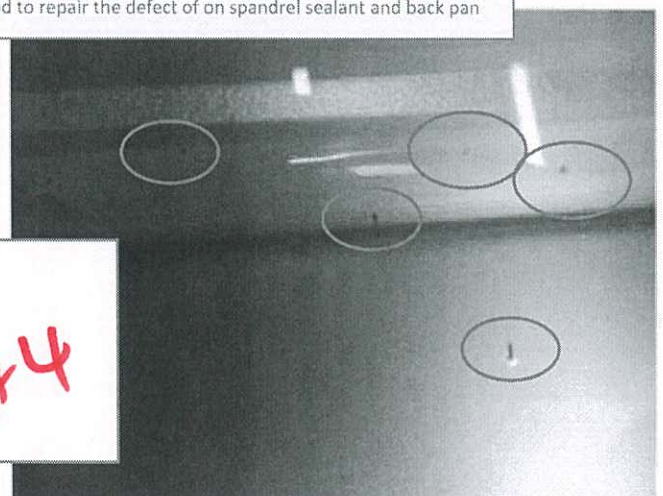
Action: MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan



有裂紋，要影張修補好的相。

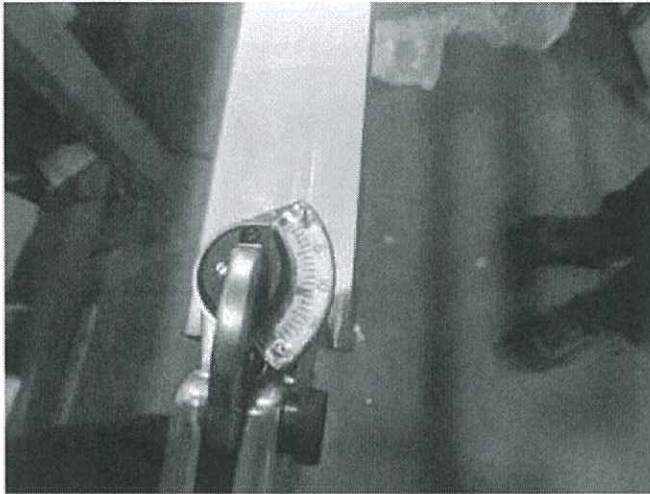
#4

23\_Blemish was observed to be existed at spandrel sealant

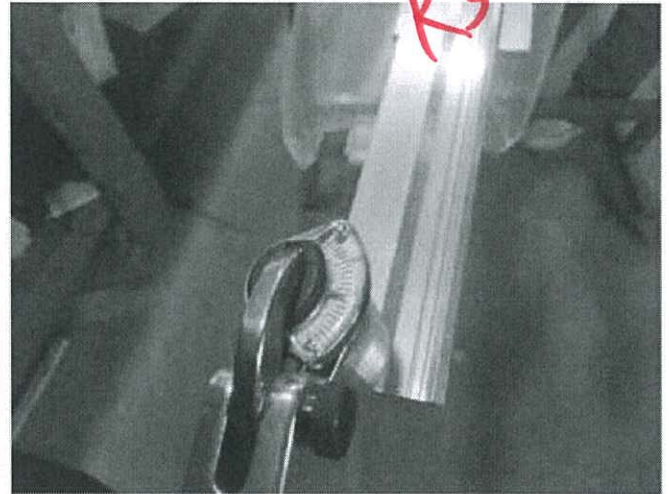


24\_Blemish was observed to be existed at spandrel sealant

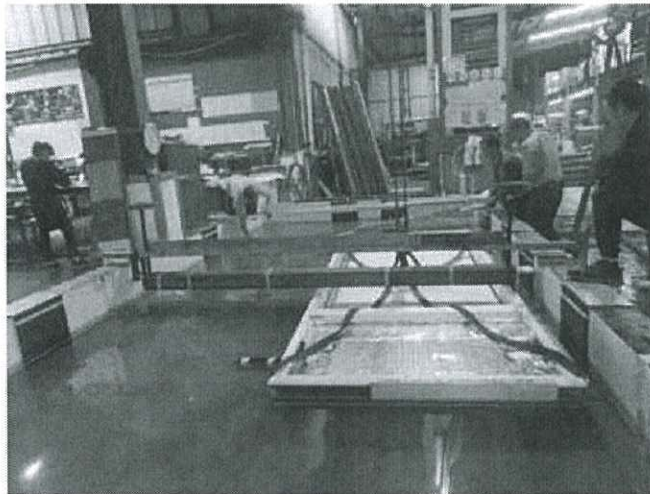
# Midi Factory Inspection on 25-Nov-2022 - Report No. R03



19\_Check hardness of 6063-T5 extrusion



20\_Check hardness of 6063-T5 extrusion

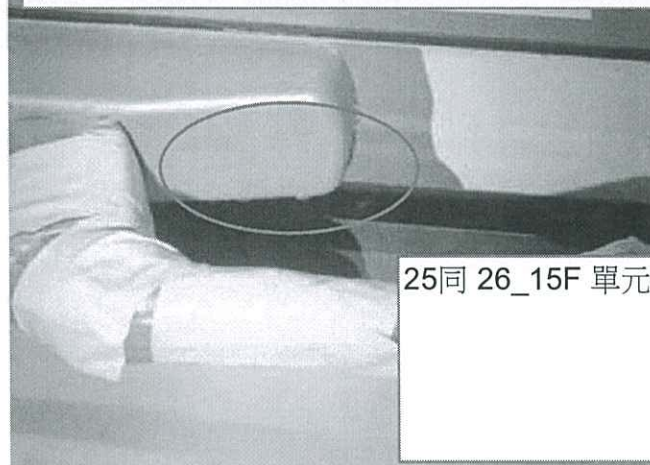


23\_15F-T1BCW4 AF-25



24\_15F-T1BCW4 AS-01

Action: MIDI is required to carry out their internal QA/QC method to repair the leakage unitized panel, MIDI needs to improve workmanship for



25\_15F-T1BCW4 AS-01 water leakage

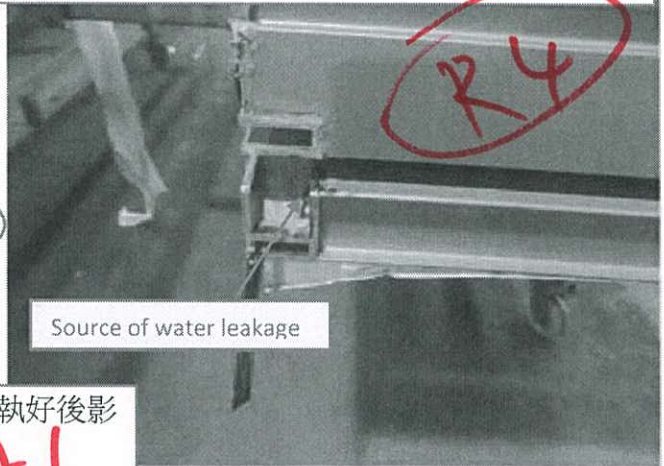


26\_15F-T1BCW4 AS-01 water leakage

25同 26\_15F 單元件入水, 要補相。

# Midi Factory Inspection on 30-Nov-2022 - Report No. R04

Action: MIDI is required to carry out their internal QA/QC method to repair the leakage unitized panel, MIDI needs to improve workmanship for



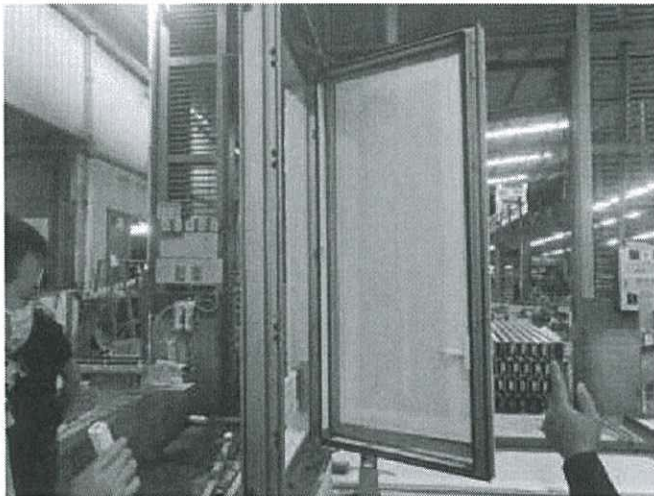
Source of water leakage

21\_9F\_T1BCW4\_AS0 入水, 執好後影相。

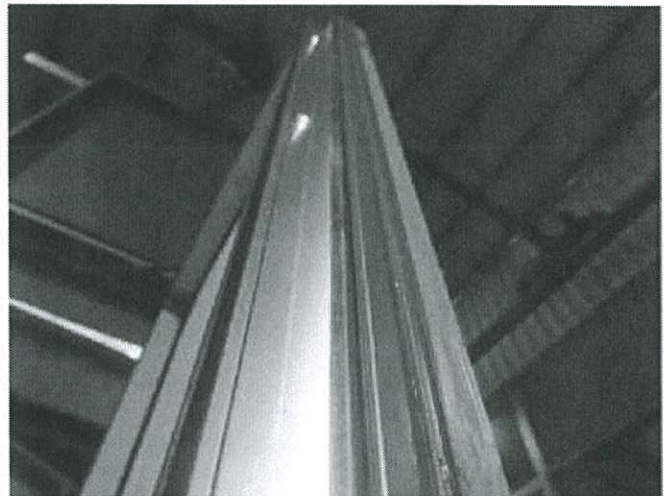
#6

19\_Water leakage was found inside spandrel backpan

20\_Damage sealant was found at end position of mullion



21\_9F\_T1BCW4\_AS0\_Check operable window



22\_9F\_T1BCW4\_AS0\_Check water leakage for operable window



23\_Open and close for operable window



24\_10F\_T1B-CW4\_AS07

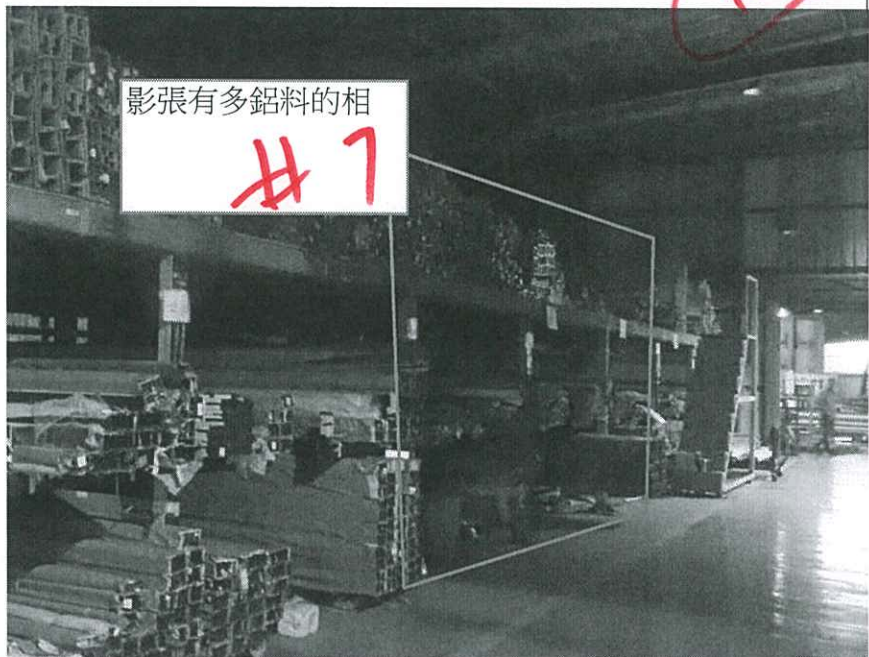
**RS**

**Photo 9**

Item:  
Observation

Description:  
Temporary storage area may not be sufficient for LP11 facade project

Action:  
- MIDI is required to ensure storage area are enough and proper storage before peak production period



**Photo 10**

Item:  
Observation

Description:  
General inspection of cutting , drilling and milling process during fabrication



Action:  
-

**Photo 13**

Item:  
Observation

Description:  
12 out of 82 defective chrome plated finishing was found during factory inspection

Action:  
- MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works.



**Photo 14**

Item:  
Observation

Description:  
General inspection of assemble work for mullion and transom.

Action:  
-



**Photo 15**

Item:  
Observation

Description:  
Dimension check for mullion and transom after assembly work

Action:  
-

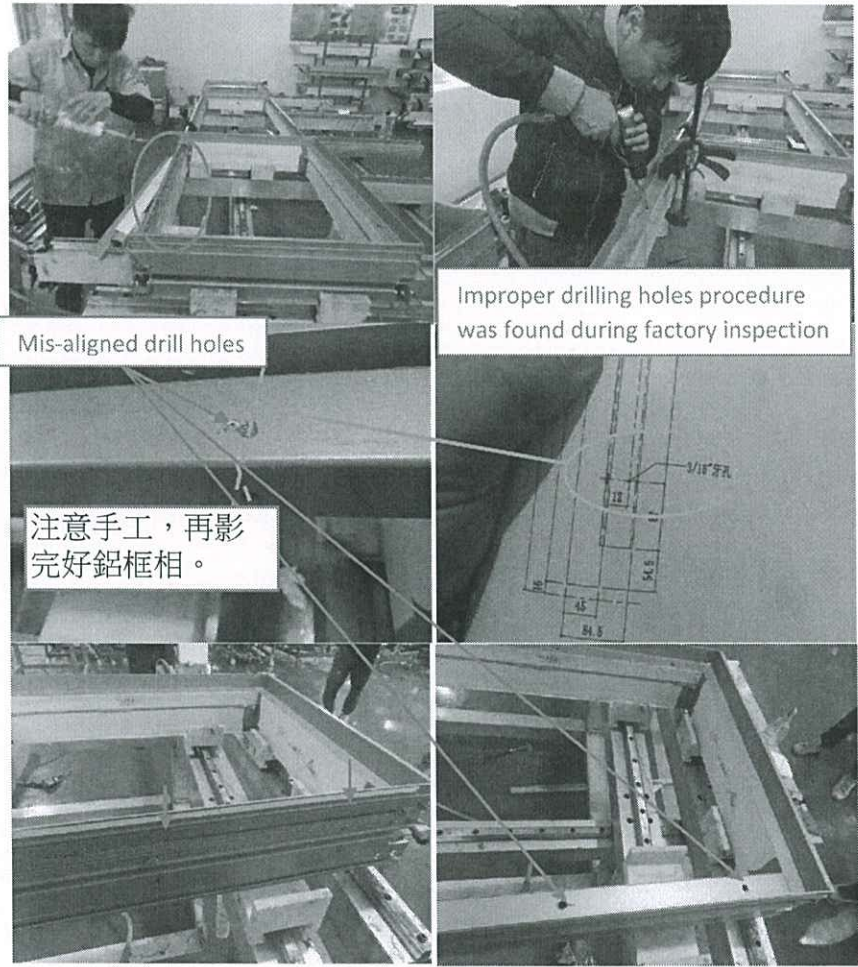


**Photo 16**

Item:  
Observation

Description:  
Improper holes drilling procedure was found during factory inspection

Action:  
- MIDI is required to carry out their internal QA/QC method to improve workmanship for future works.



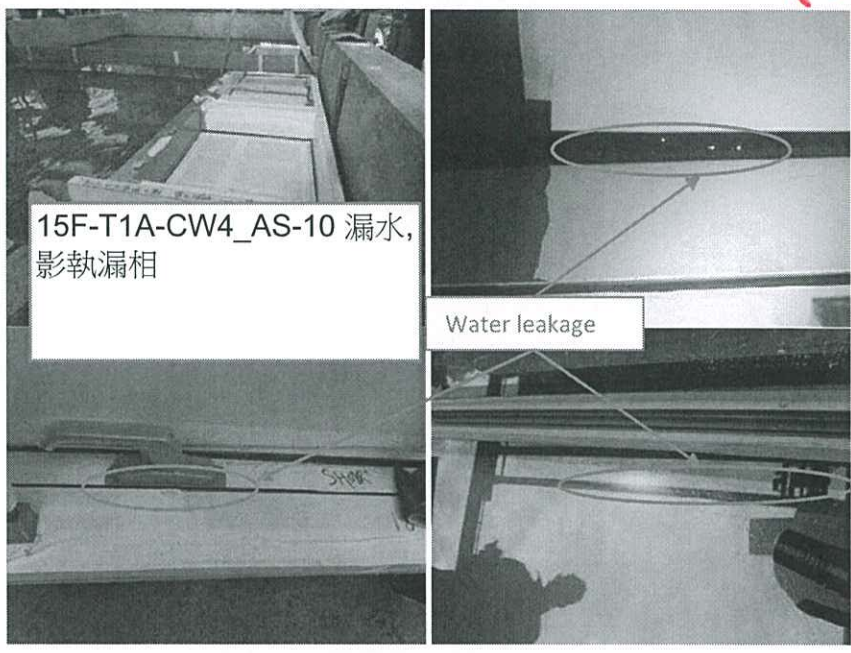
R6

**Photo 11**

Item:  
Observation

Description:  
Water leakage was found during flooding test for Panel number 15F-T1A-CW4\_AS-10

Action:  
- MIDI is required to carry out their internal QA/QC method to improve workmanship for future works



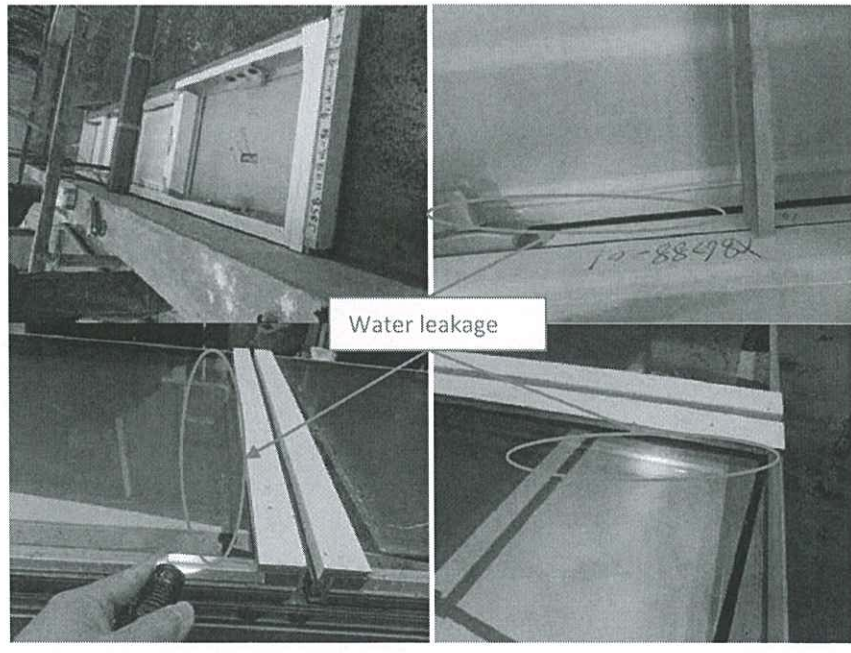
H<sup>o</sup>

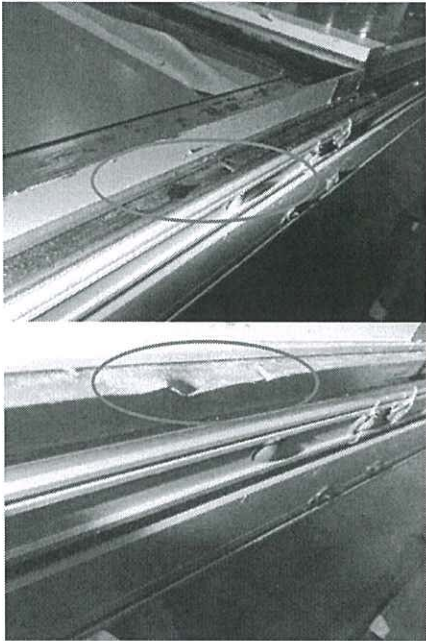
**Photo 12**

Item:  
Observation

Description:  
Water leakage was found during flooding test for Panel number 16F-T1A-CW4\_AS-10

Action:  
- MIDI is required to carry out their internal QA/QC method to improve workmanship for future works



<p><b>Photo 3</b></p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Defective gasket was found during factory inspection for Zone M02</p>	
<p><u>Action:</u> - MIDI is required to replace the defective gasket</p>	

<p><b>Photo 4</b></p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> 18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion</p>	
<p><u>Action:</u> - MIDI is required to carry out remedial works before fixing of glass panels</p>	

~~加封篤, 影相~~

氣孔的相片

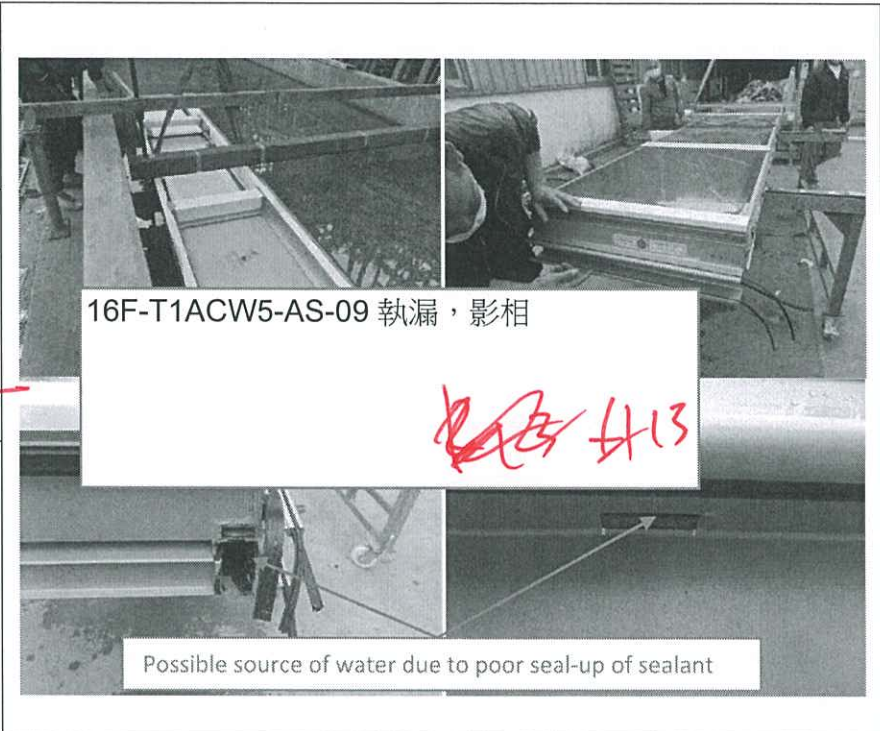

11

<p><b>Photo 11</b></p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Water flooding test for Panel number 10F-T1A CW4-AS10</p>	
<p><u>Action:</u> -</p>	

井口 測試記錄

<p><b>Photo 12</b></p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12</p>	
<p><u>Action:</u> - MIDI is required to carry out their internal QA/QC method to improve workmanship for future works</p>	

10F-T1ACW4-AM-12漏水，執漏，影相

<p><b>Photo 13</b></p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09</p>	
<p><u>Action:</u> - MIDI is required to carry out their internal QA/QC method to improve workmanship for future works</p>	
	<p style="text-align: right; color: red; font-size: 2em;">#14.</p>
<p><b>Photo 14</b></p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12</p>	
<p><u>Action:</u> - MIDI is required to carry out their internal QA/QC method to improve workmanship for future works</p>	

RF

**Photo 5**

Item:  
Observation

Description:  
Fixing of structural sealant for glazing and aluminum hooks for second log (Zone M02) unitized panels

Action:

-



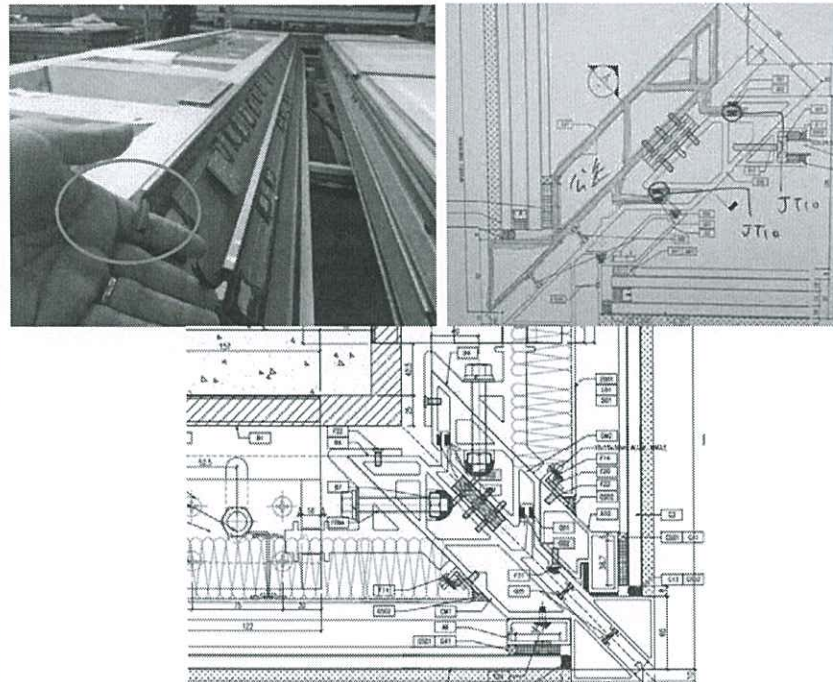
**Photo 6**

Item:  
Observation

Gasket of unitized panels for Zone M01 & 02 were found not match with design drawing

Action:

-MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works



影跟圖款一樣膠條相

HKS

<p><b>Photo 3</b></p> <p><u>Item:</u> Observation</p> <p><u>Description:</u> Check fixing details and gasket of 2<sup>nd</sup> log unitized panels</p> <p><u>Action:</u> -</p>	
<p><b>Photo 4</b></p> <p><u>Item:</u> Observation</p> <p><u>Description:</u> Defective gaskets for 2<sup>nd</sup> log unitized panels were found during final inspection and packing</p> <p><u>Action:</u> - MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works</p> <p>影做好保護相</p> <p style="color: red; font-size: 2em; font-family: cursive;">H 16</p>	

R-10

**Photo 5**

Location:  
Observation

Description:  
Fit-up assembly of Mullion and Transom for Zone M3 & 4 (3<sup>rd</sup> log unitized panels)

Action:  
-

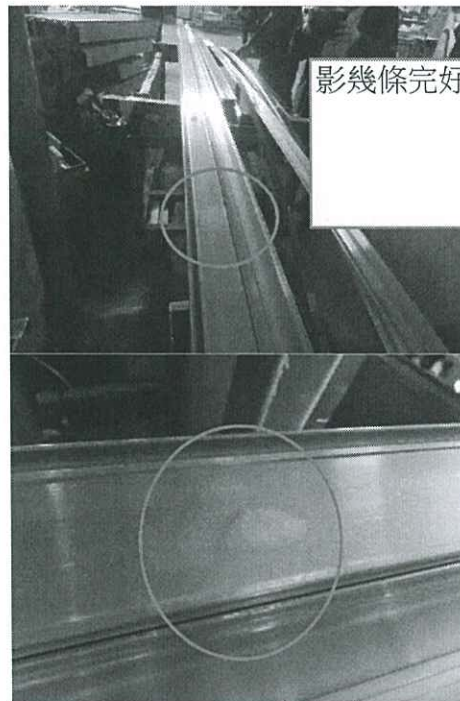


**Photo 6**

Location:  
Observation

Description:  
Defective chrome plated finishing for gutter sleeve was found during factory inspection

Action:  
- MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works



影幾條完好的鉻化防水片相

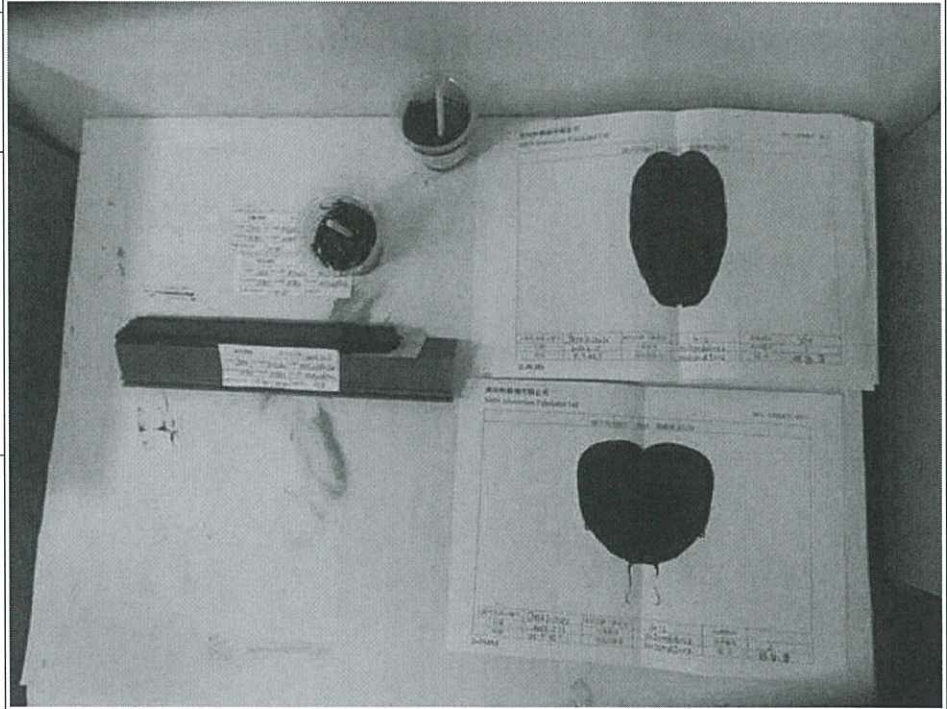
#17-

**Photo 9**

Location:  
Observation

Description:  
Samples for peel  
adhesion test and  
butterfly test

Action:  
-



#18

**Photo 10**

Location:  
Observation

影鋁通無多餘膠

3<sup>rd</sup> log unitized panel

Description:  
Defective sealant for 2<sup>nd</sup>  
& 3<sup>rd</sup> log unitized panels  
were found during final  
inspection and packing

Excessive sealant prior  
water flooding test

Excessive sealant  
May affect site installation

Action:  
- MIDI is reminded to  
carry out the remedial  
works prior products  
delivery and to improve  
workmanship for future  
works

啱好膠, 影相

2<sup>nd</sup> log unitized panel

Poor workmanship of sealant

Sealant Missing

**Photo 9**

Location:  
Observation

Description:  
Application of Dowsil 791 weather sealant and final protection

Action:

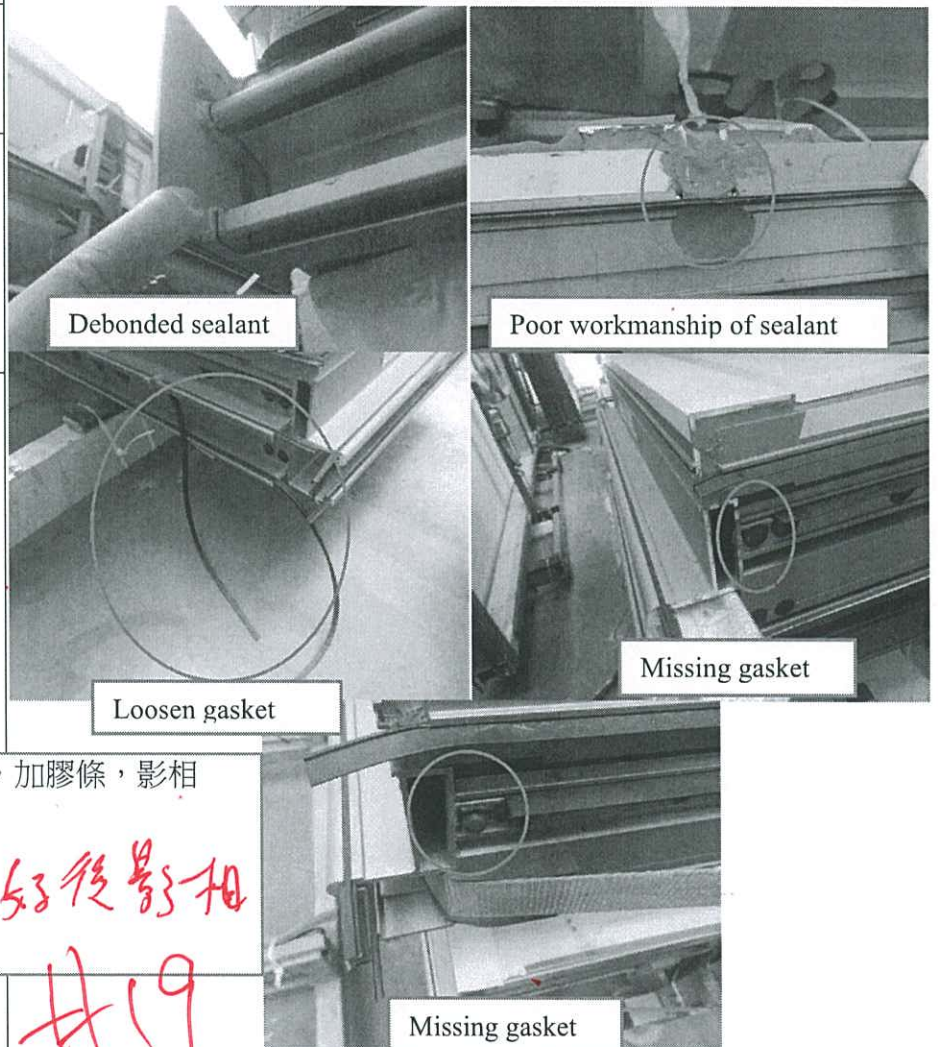


**Photo 10**

Location:  
Observation

Description:  
Defective sealant and gasket for 2<sup>nd</sup> & 3<sup>rd</sup> log unitized panels were found during final inspection and packing

Action:  
- MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works



啱好膠，加膠粒，加膠條，影相  
同一向畫好後影相  
詹 廿九

**Photo 11**

Location:  
Observation

Description:  
Defective chrome plated finishing for extrusion clip was found during factory inspection

Action:  
- MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works



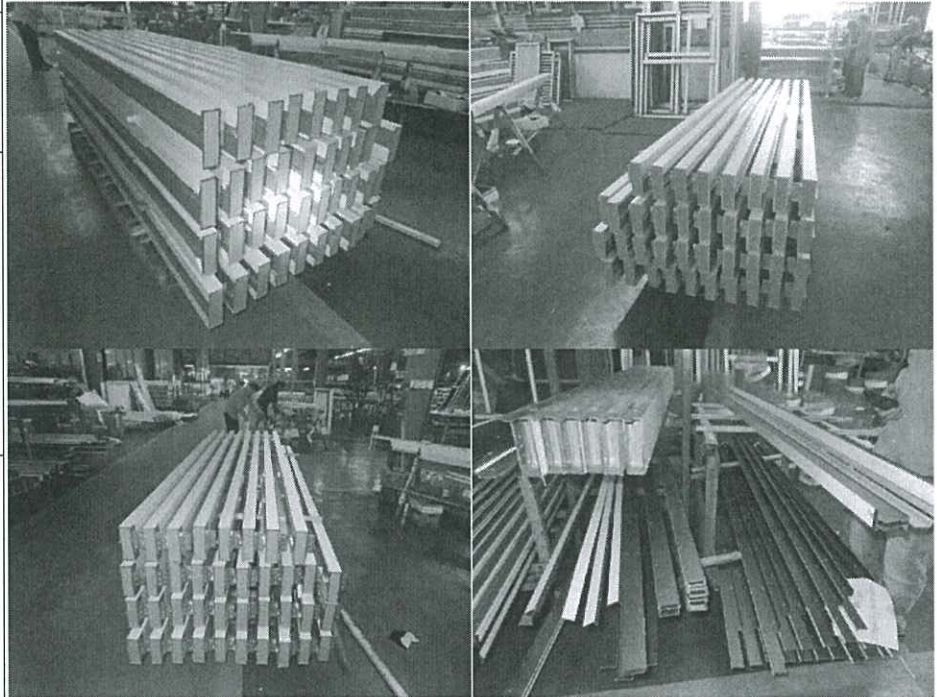
#20

**Photo 5**

Location:  
Observation

Description:  
General inspection of transom and mullion for balcony

Action:



#21

**Photo 6**

Location:  
Observation

Description:  
Uneven of components was found during factory inspection

Action:  
- MIDI is required to improve workmanship for further works

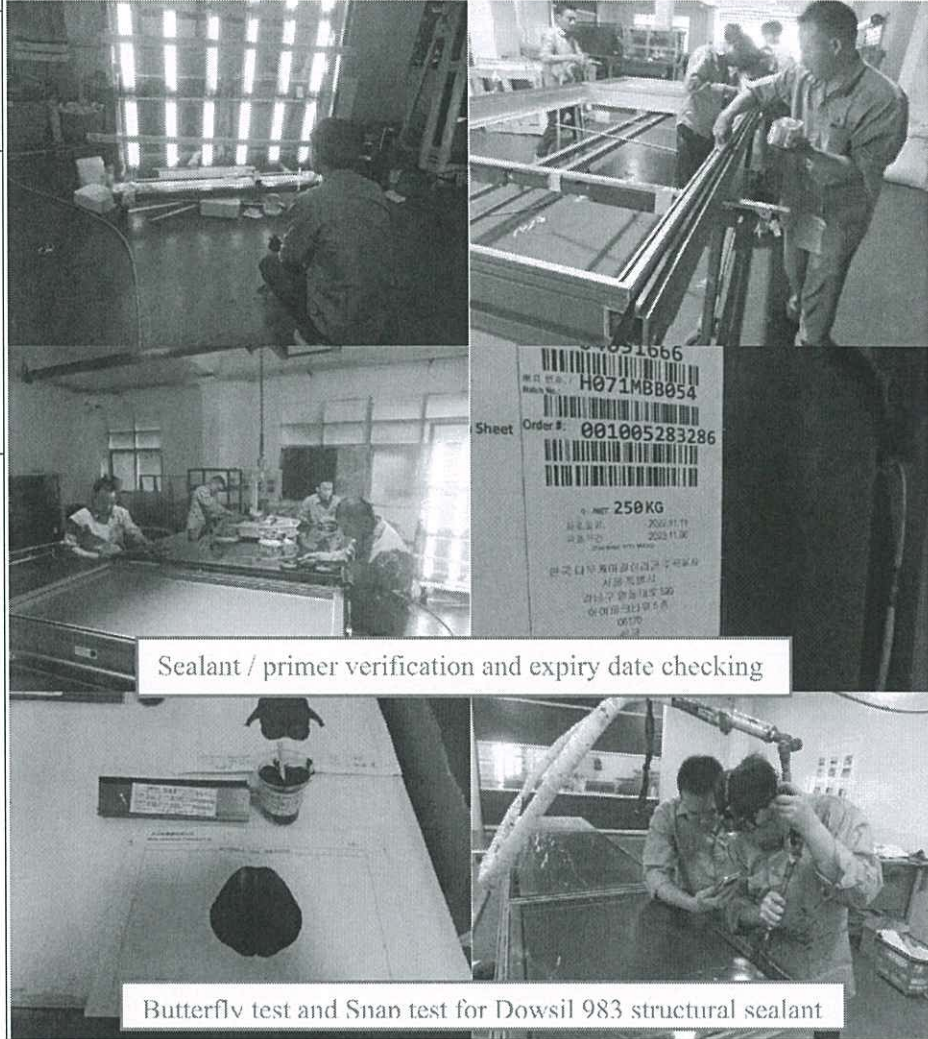


**Photo 9**

Location:  
Observation

Description:  
General inspection and dimension checking of glazing prior fit-up assembly and sealant works

Action:



Sealant / primer verification and expiry date checking

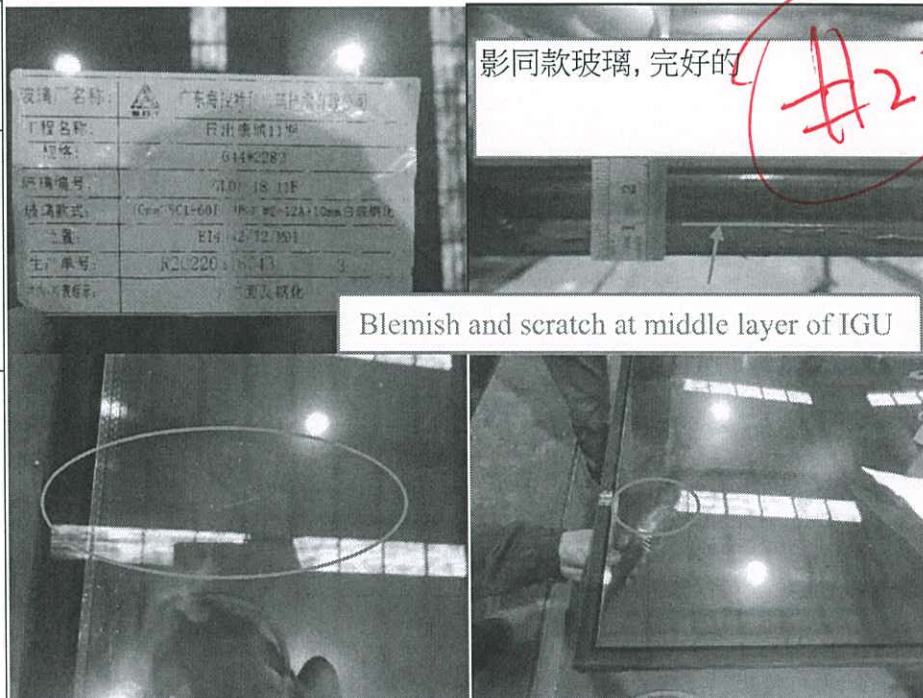
Butterfly test and Snan test for Dowsil 983 structural sealant

**Photo 10**

Location:  
Observation

Description:  
Blemish and scratch was found at middle layer of IGU

Action:  
- MIDI is required to improve workmanship for further works



影同款玻璃, 完好的

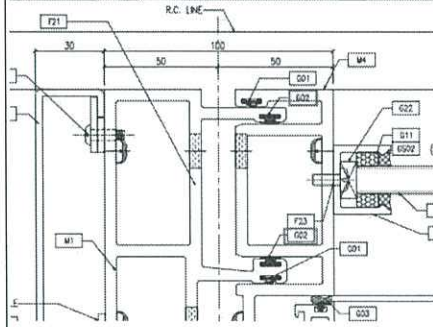
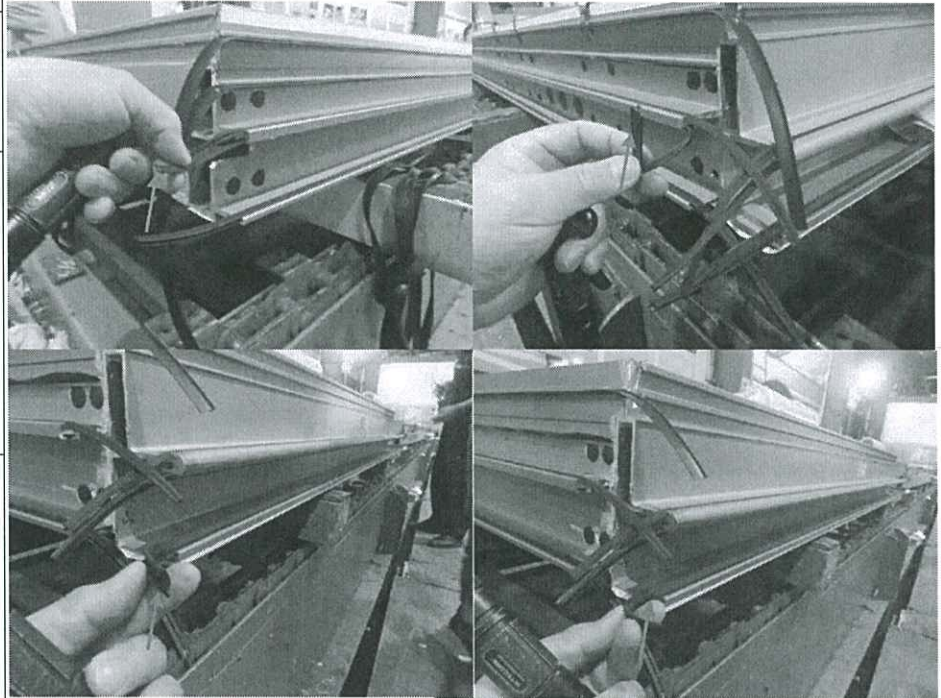
Blemish and scratch at middle layer of IGU

**Photo 11**

Location:  
Observation

Description:  
Gasket of 2 numbers of unitized panel were found not match with design drawing during factory inspection

Action:  
- MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works



更換正確的膠條, 影相  
*Handwritten signature*

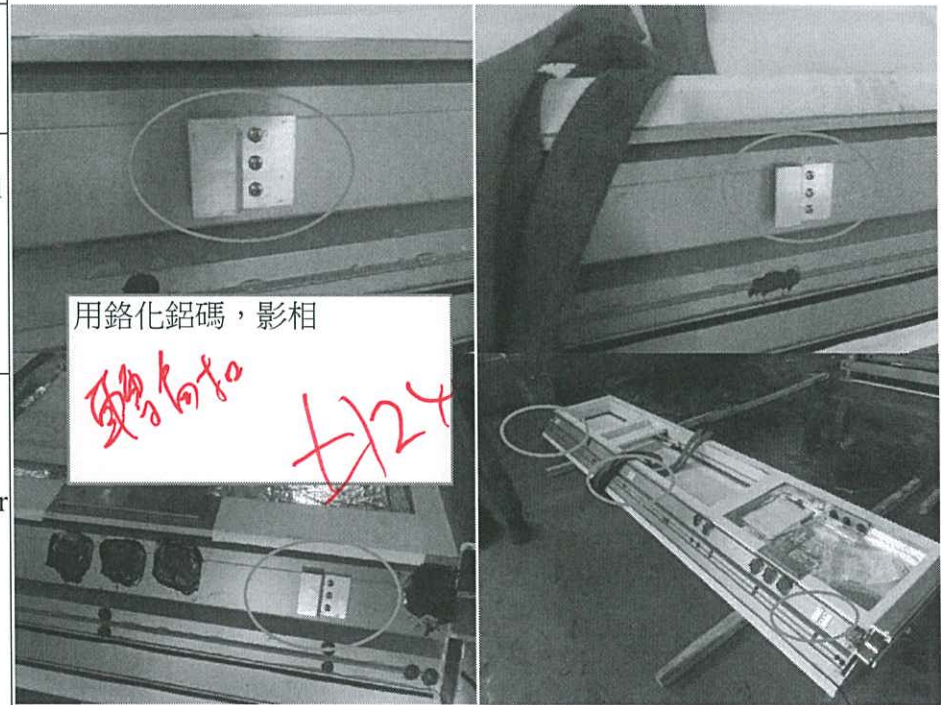
G02	H	WIPER GASKET MATERIAL : EPDM-S DUROMETER : HARDNESS SHORE 65±5 COLOUR : BLACK (FACTORY)
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**Photo 12**

Location:  
Observation

Description:  
Defective chrome plated finishing for extrusion clip was found during factory inspection

Action:  
- MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works



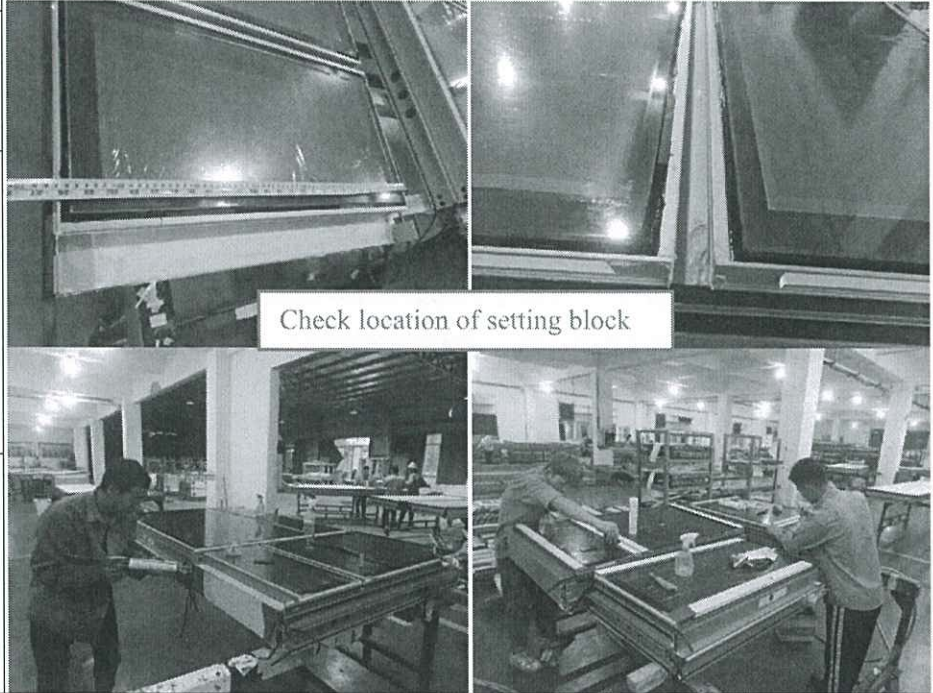
用鉻化鋁碼, 影相  
*Handwritten signature*

**Photo 9**

Location:  
Observation

Description:  
General inspection of unitized panels for T2 9-11/F Zone M05 and T3 9-11/F Zone M07

Action:



**Photo 10**

Location:  
Observation

Description:  
Excessive sealant and stain was found on unitized panel surface after packing

Action:  
- MIDI is required to improve workmanship for further works

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