



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 01



Inspection Date: 18th November 2022
Issue Date: 05th December 2022

Report Reference: 60646872-FI-R-01

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳冲工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	21 st November 2022
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 黃英梅小姐 (美而特統籌) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管) 陳進華先生(美而特倉務主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- Materials cutting, milling and drilling of extrusion was in progress and 59 out of 63 (First log unitized panels) was completed;
- Assembly of Mullion and Transom was in progress and 12 out of 63 (First log unitized panels) was completed;
- General inspection, Dimension checking and testing of raw materials / extrusion (Die no. X86295).

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For *Comments, Recommendation and Reminders* please refer to *Section 3*.
- 2) For *Summary table of finding and remedial action* please refer to *Section 4*.
- 3) For *Inspection Schedule*, please refer to *Section 5* at the end of this report.

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



1. General view of Midi Factory



2. General view of Midi Factory

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



3_Raw materials are in messy and heavy loading condition



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



6_Raw materials are in messy and heavy loading condition

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



7. QC checking prior fabrication and storage



8_ Materials are stored on rack after QC checking



9_ Materials are stored on rack after QC checking



10_Raw material. under drilling fabrication process



11_Raw material. under drilling fabrication process

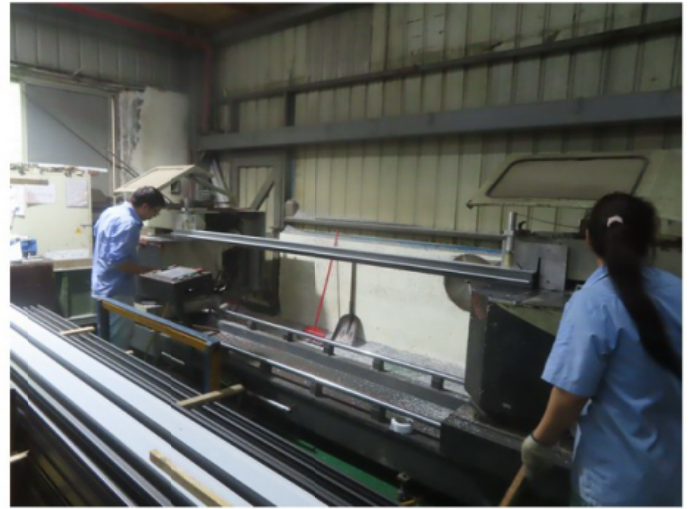


12_Raw materials QC checking

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



13_Raw materials QC checking



14_Milling and CNC cutting



15_Milling and CNC cutting



16_Drilling and punching

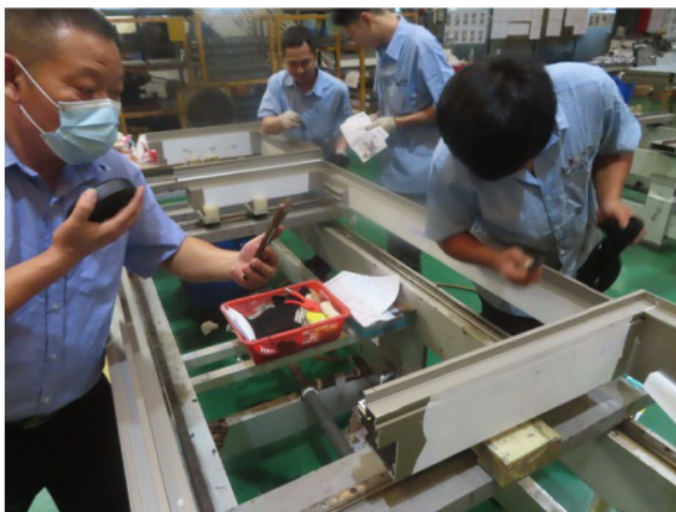


17_Drilling and punching



18_QC checking during fabrication

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



19_QC checking during fabrication



20_Degreasing prior assembly works



21_Temporary protection prior assembly works



22_Assembled CW panels are stored on the rack

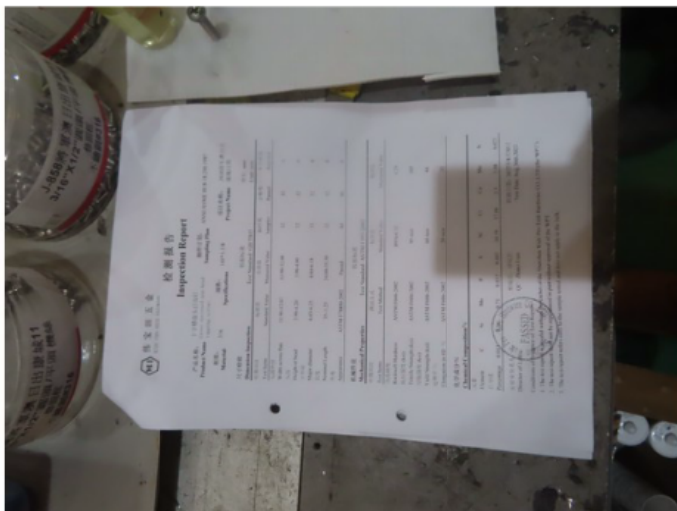


23_Assembled CW panels are stored on the rack



24_Stainless 316 screw

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



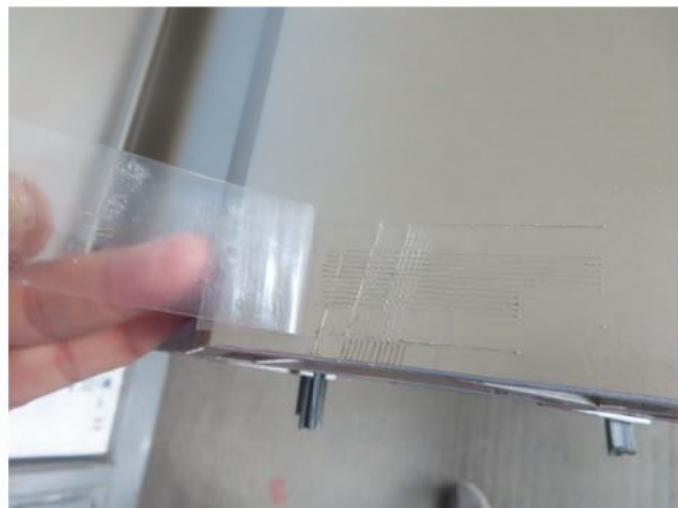
25_ Test Report for stainless steel 316 screw



26_Adhesion test



27_Adhesion test



28_Adhesion test



29_Check calibration certificate of thickness gauge

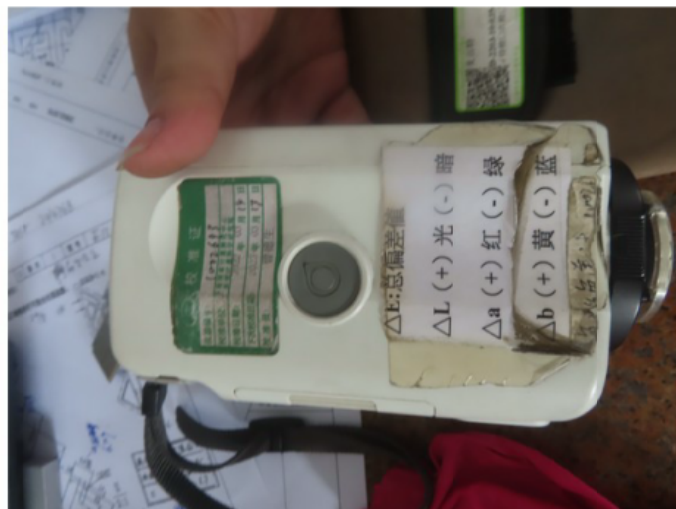


30_Calibration of thickness gauge

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



31_Coating thicknes measurement



32_Check calibration certificate of spectrometer



33_ Zeroing of spectrometer by using control sample



34_ Check colour uniformity compare with control sample

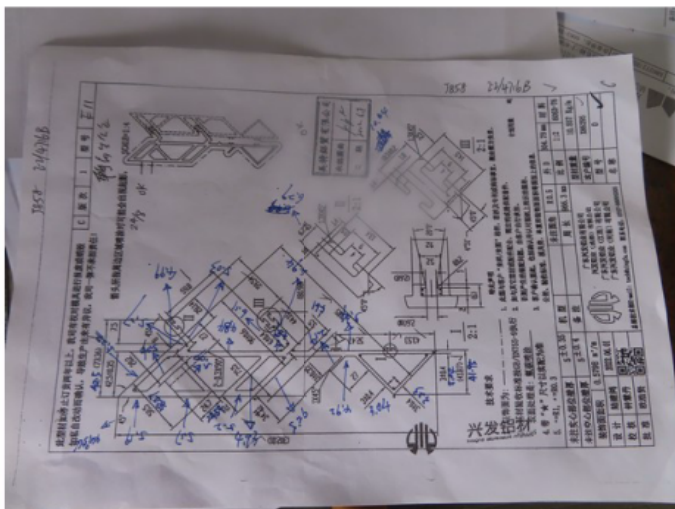


35_Check dimension of extrusion X86295



36_Check dimension of extrusion X86295

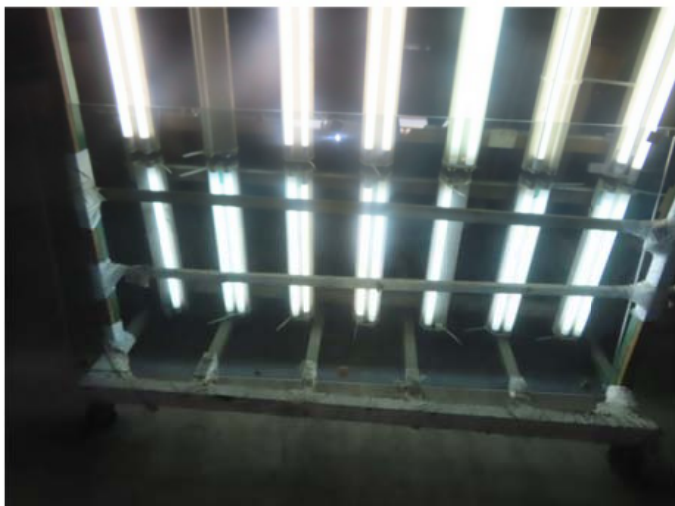
Midi Factory Inspection on 18-Nov-2022 - Report No. R01



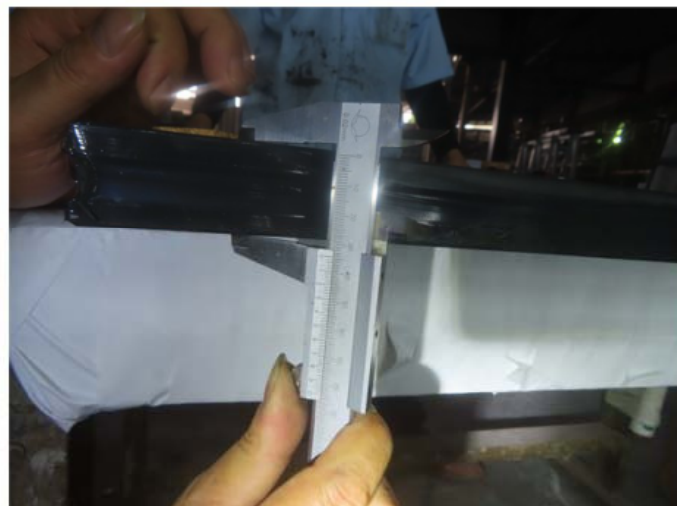
37_Check dimension of extrusion X86295



38_Check dimension of Glazing



39_Visual inspection of Glazing



40_Check dimension of IGU glazing



41_Check IGU arrangement and visual inspection



42_Check calibration of Gloss meter

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



43_Calibration prior test



44_Initial checking of control sample



45_Gloss checking by using gloss meter



46_Check hardness of 6063-T6 extrusion

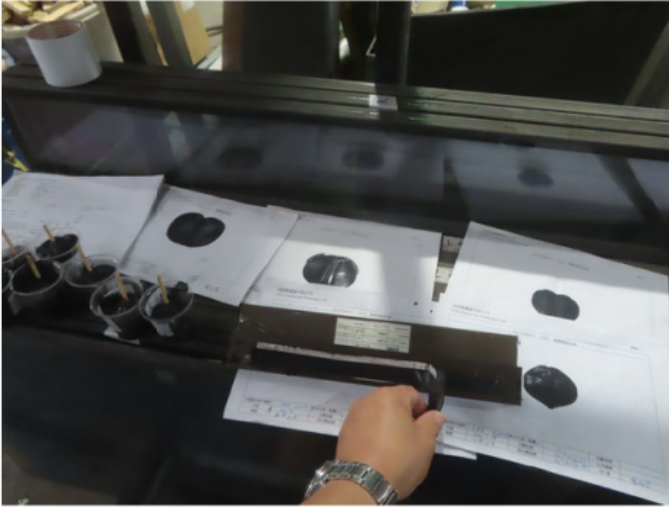


47_Check performance of chromating surface



48_Check delivery condition and expire date of sealant

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



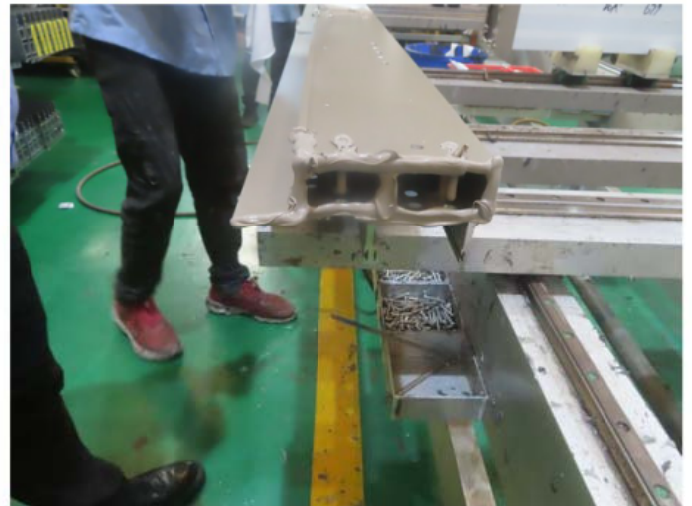
49_IMG_5376_Check structural sealant testing record



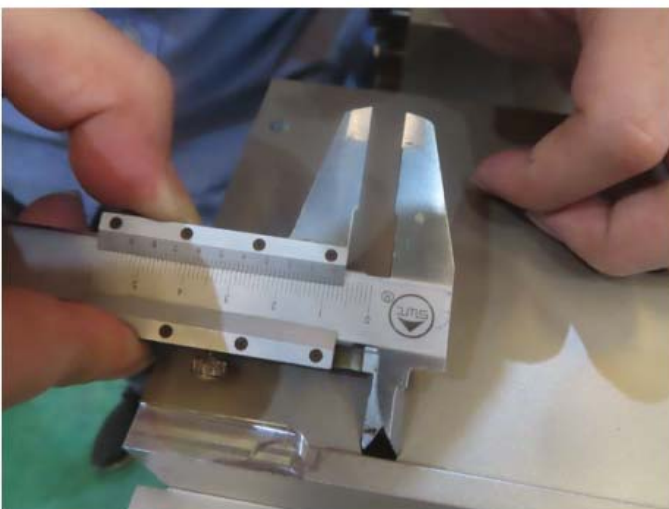
50_Assemble work for mullion and transom.



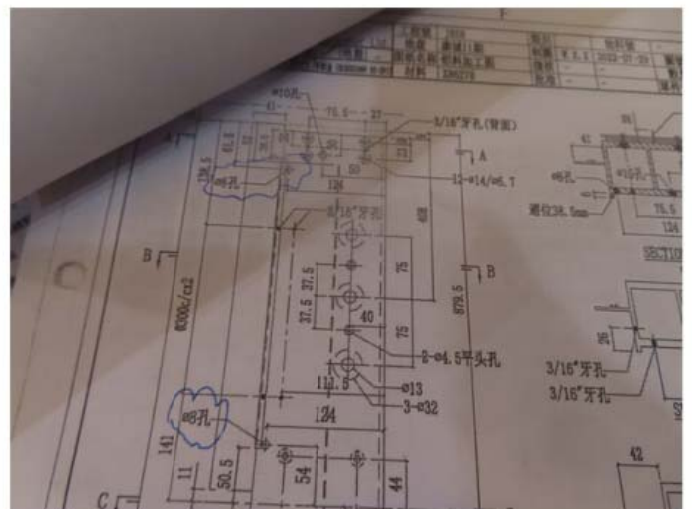
51_Check sealant at mullion and transom interfacing.



52_Check sealant at mullion and transom interfacing.

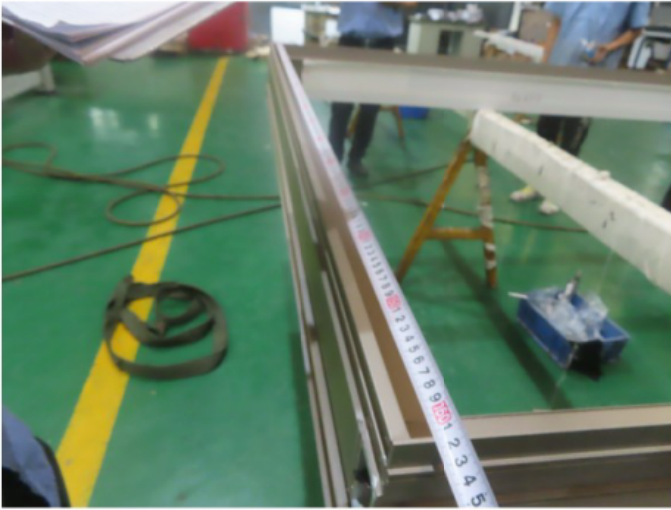


53_Check diameter of drain and vent holes

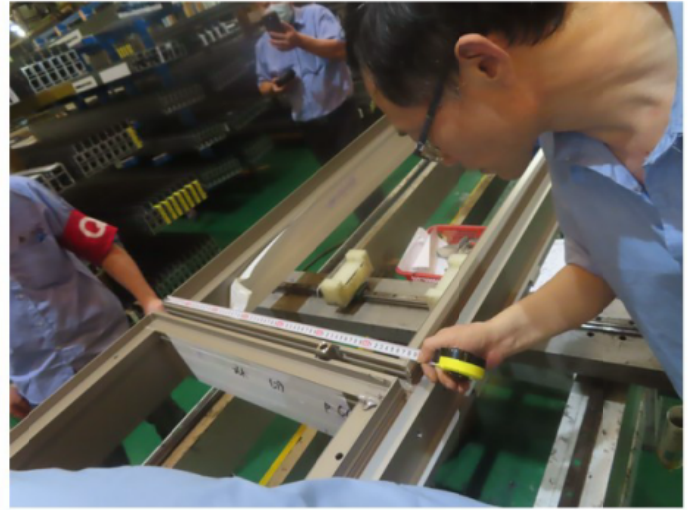


54_Check diameter of drain and vent holes

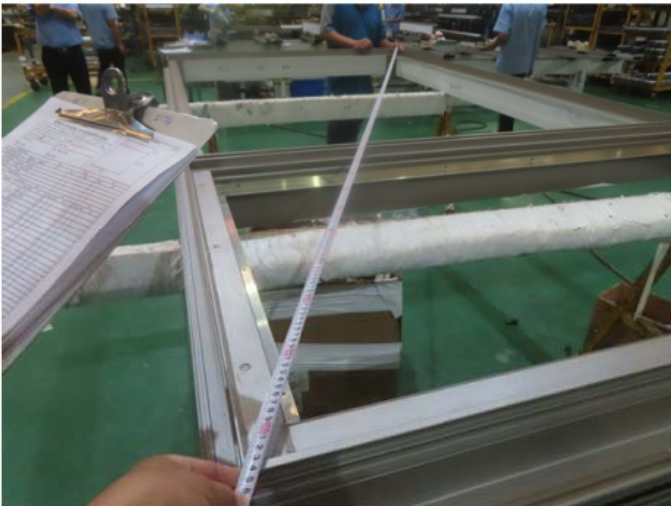
Midi Factory Inspection on 18-Nov-2022 - Report No. R01



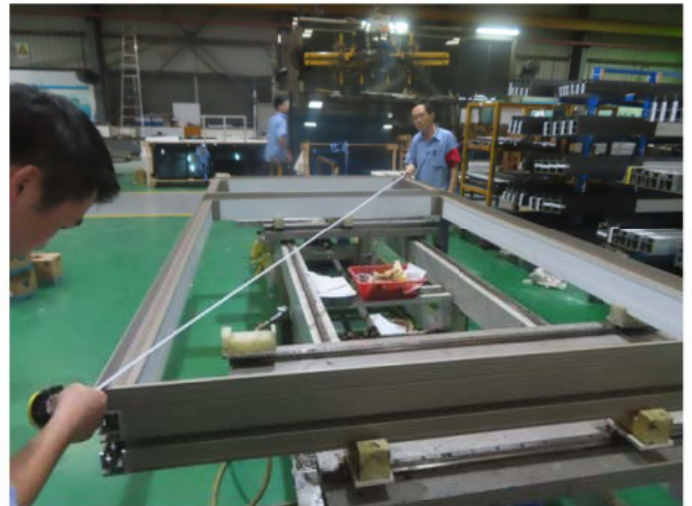
55_Dimension checking after assembly works



56_Dimension checking after assembly works



57_Dimension checking after assembly works



58_Dimension checking after assembly works



59_QC quality record after assembly works

3 COMMENT, RECOMMENDATIONS AND REMINDER

- Raw materials of extrusion were found messy and heavy loading condition, MIDI is required to ensure storage of materials without causing overstress, permanent defection or warping.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Accom's Recommendation	Report Reference	Contractor's Reply / Remedial Reference	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or	Report-R-01 Photo 3-6			



5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd		
4 th		



PROPOSED RESIDENTIAL
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PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 02



Inspection Date: 21st November 2022
Issue Date: 05th December 2022

Report Reference: 60646872-FI-R-02

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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5 INSPECTION SCHEDULE	12

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳冲工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	21 st November 2022
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 黃英梅小姐(美而特統籌) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管) 陳進華先生(美而特倉務主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- Materials cutting, milling and drilling of extrusion was in progress and 59 out of 63 (First log unitized panels) was completed;
- Assembly of Mullion and Transom was in progress and 27 out of 63 (First log unitized panels) was completed;
- Fixing of glazing and application of structural sealant was in progress and 21 out of 63 (First log unitized panels) was completed;
- General inspection, Dimension checking and testing of raw materials / extrusion (Die no. X86272 & X86301).

2.2 Photographic Record

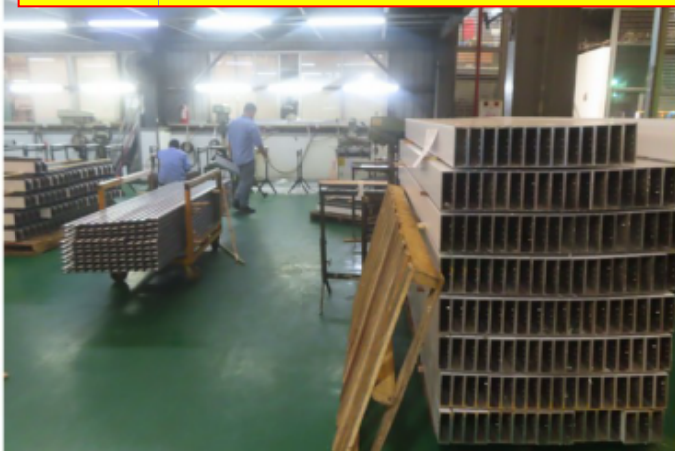
The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For *Comments, Recommendation and Reminders* please refer to *Section 3*.
- 2) For *Summary table of finding and remedial action* please refer to *Section 4*.
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Midi Factory Inspection on 21-Nov-2022 - Report No. R02

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 concealed



4_Original design from Midi



5_Trial assembly of mullion and transom for sliding door

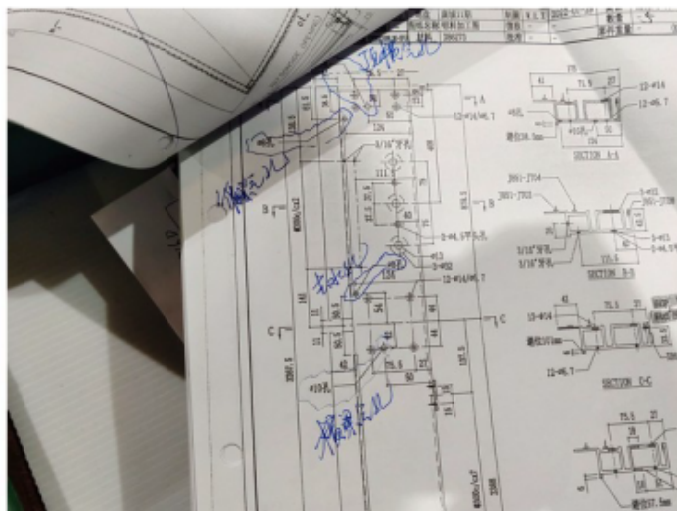


6_General inspection of sealant application at Mullion & Transom interface

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



7_General inspection of sealant application at Mullion & Transom interface



8_Check vent and drain holes of panels



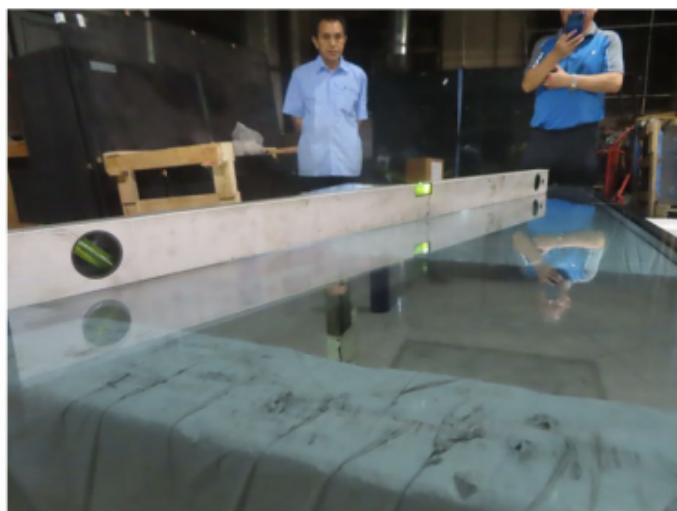
9_Flame cleaning prior fixing of glazing



10_sticking of double side adhesive tape

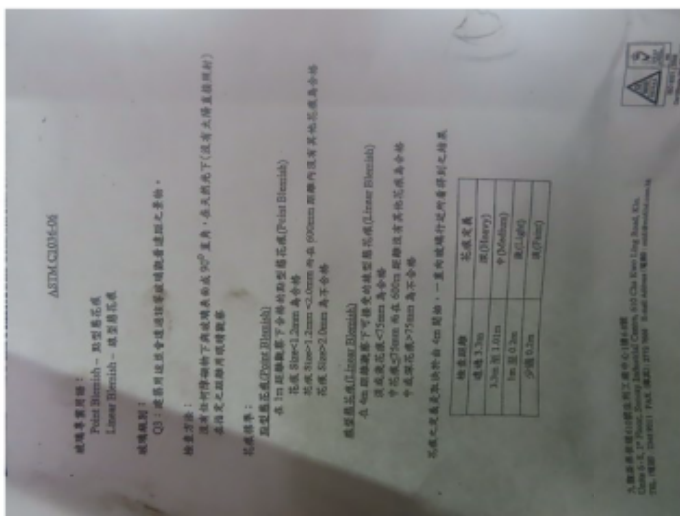


11_QC Checking for glazing



12_Check flatness of glazing

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



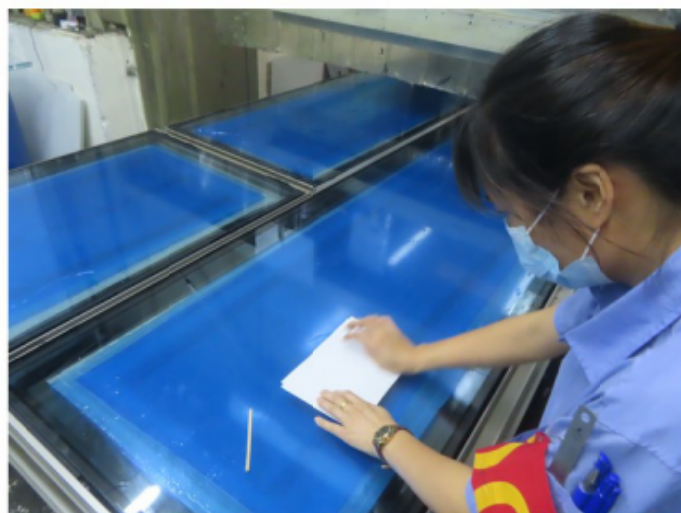
13_ Standard requirement for glazing



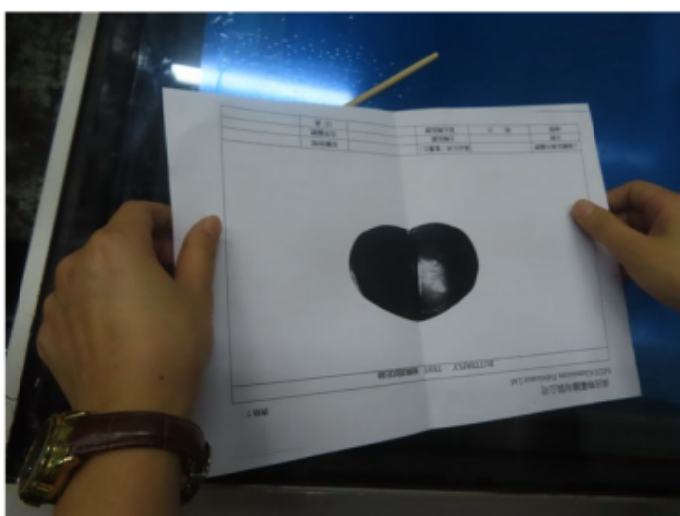
14_ QC checking prior fixing of glazing



15_ Sampling for structural sealant - Butterfly test



16_ Sampling for structural sealant - Butterfly test

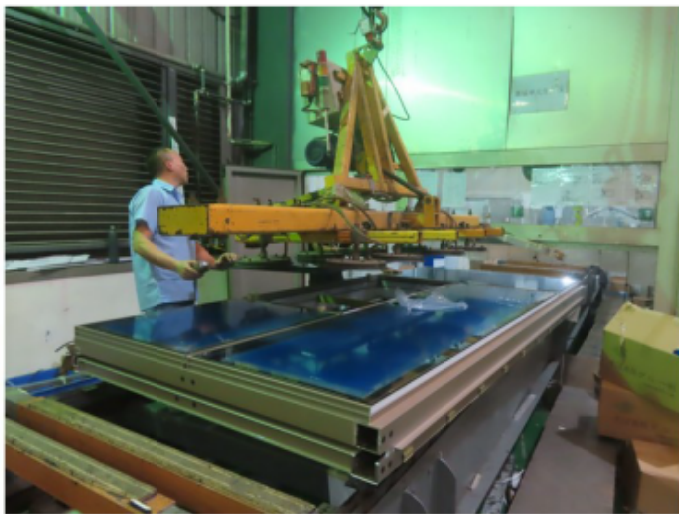


17_ Sampling for structural sealant - Butterfly test

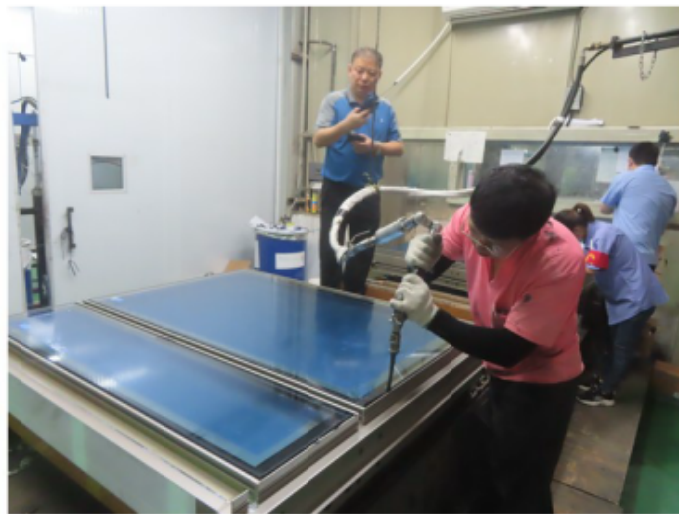


18_ Sampling for Structural sealant - Peel Adhesion test

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



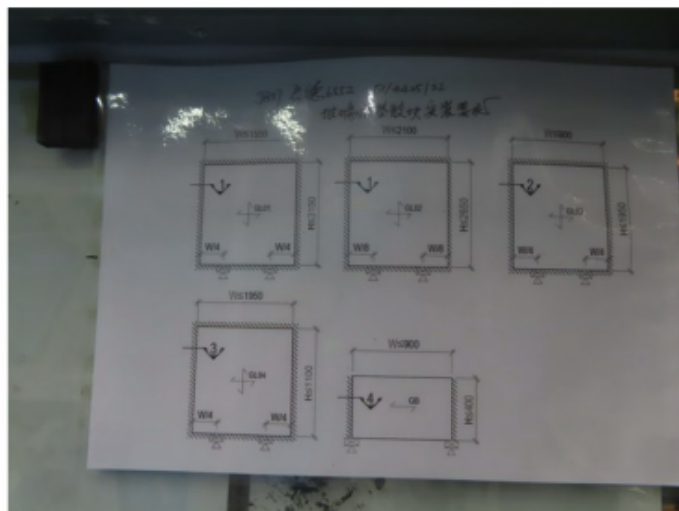
19_Fixing of Glazing



20_Application of Structural sealant

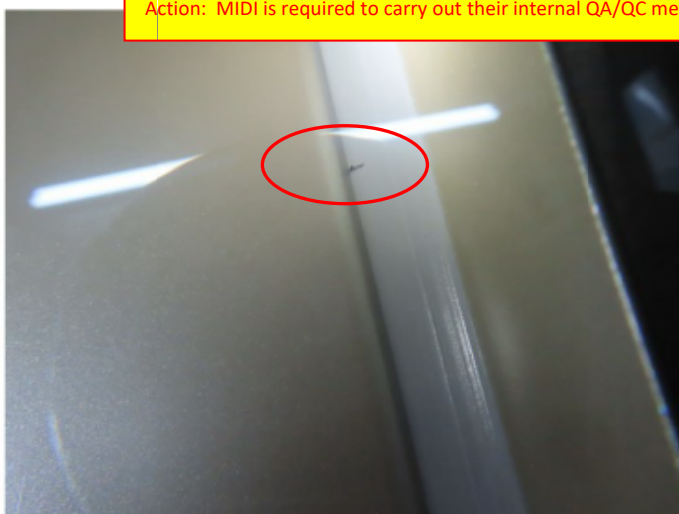


21_Check length and position of setting block

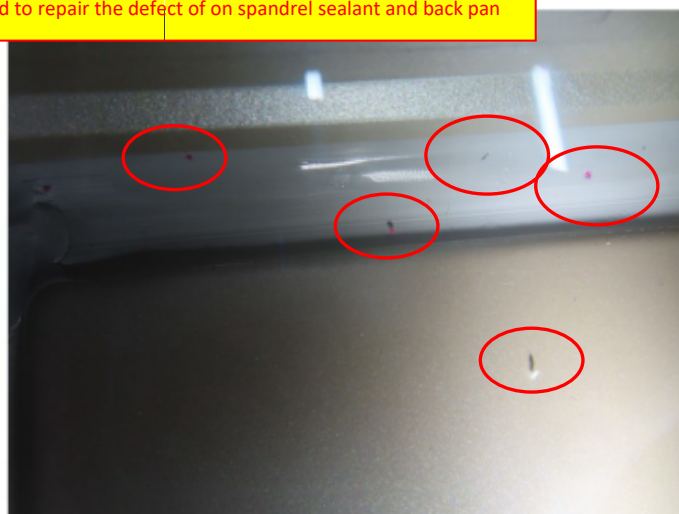


22_Setting block position

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

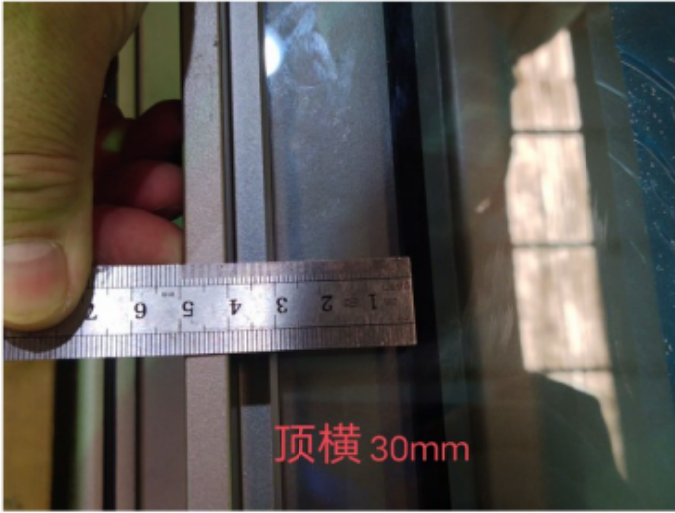


23_Blemish was observed to be existed at spandrel sealant

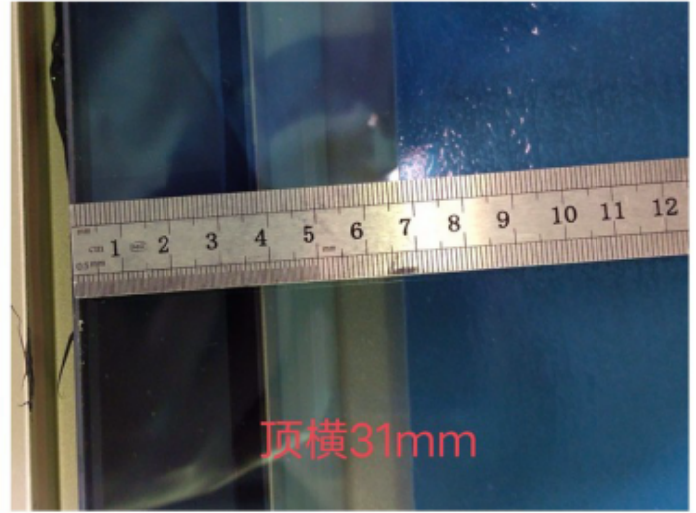


24_Blemish was observed to be existed at spandrel sealant

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



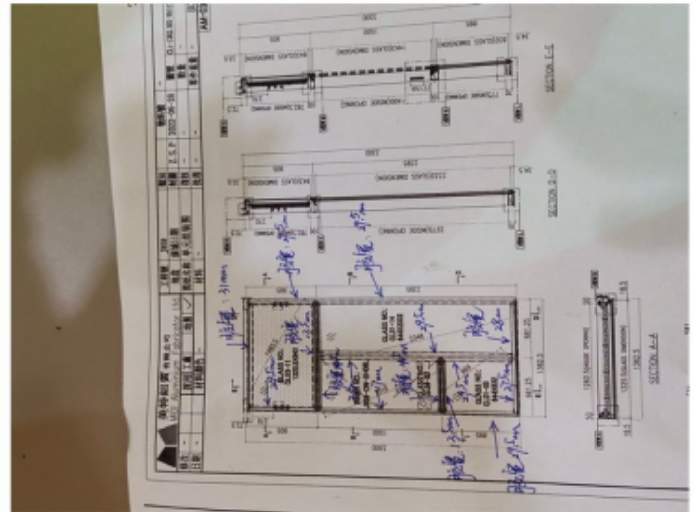
25_Check sealant bite requirement



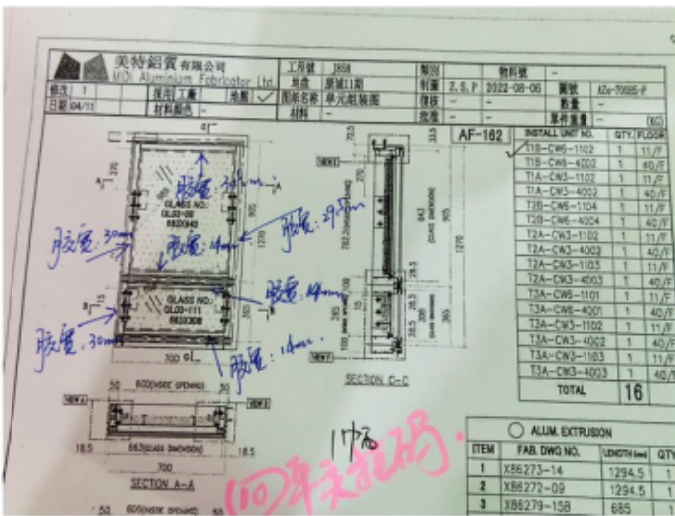
26_Check sealant bite requirement



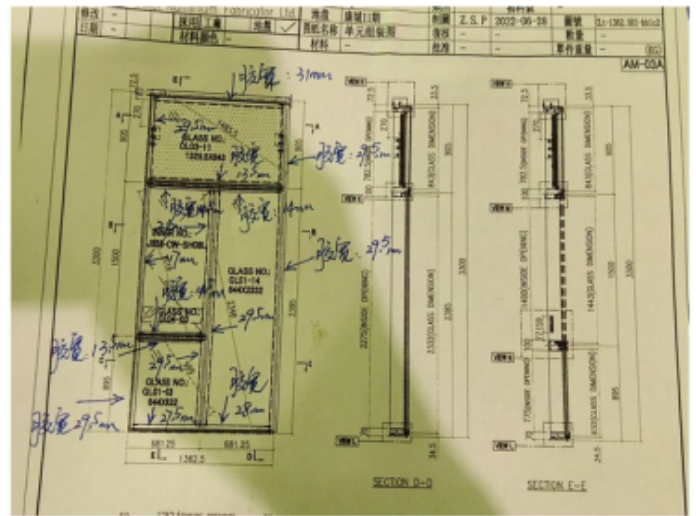
27_Check sealant bite requirement



28_Sealant bite dimension record

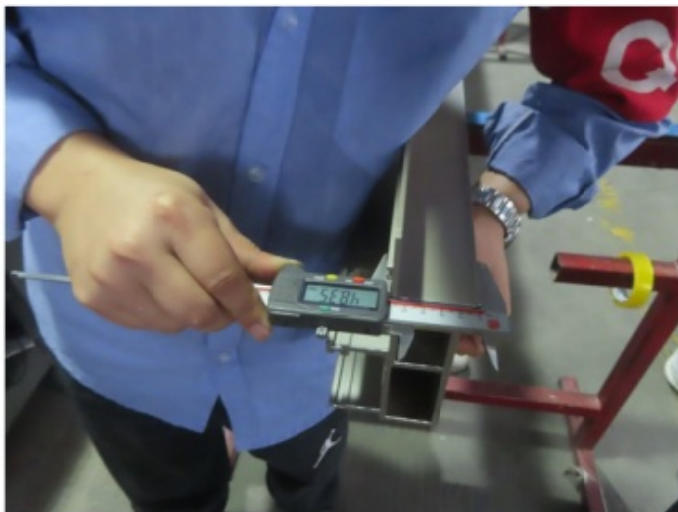


29_Sealant bite dimension record



30_Sealant bite dimension record

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



31_Dimension checking for extrusion



32_ Coating thickness measurement



33_ Surface hardness test



34_Check colour uniformity compare with control sample



35_Initial checking of control sample

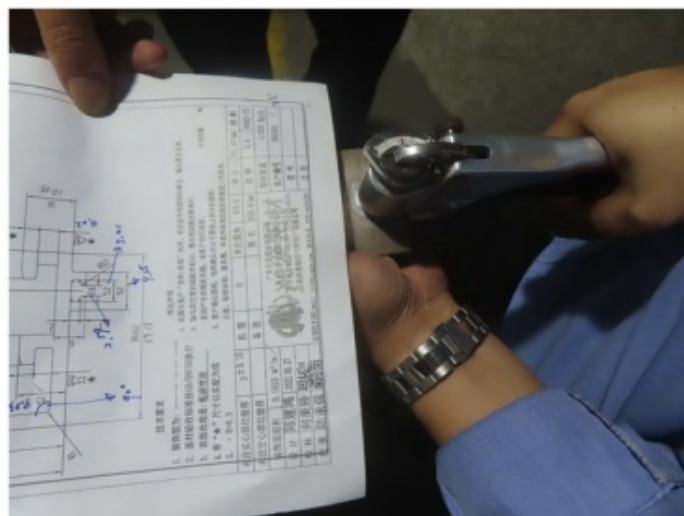


36_Gloss checking by using gloss meter

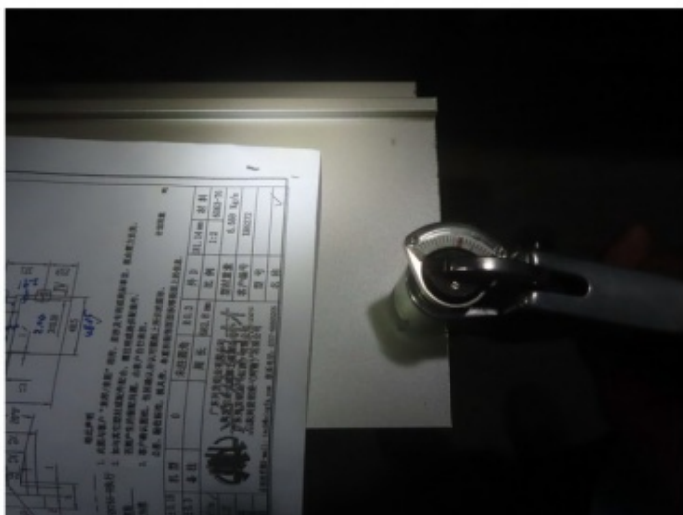
Midi Factory Inspection on 21-Nov-2022 - Report No. R02



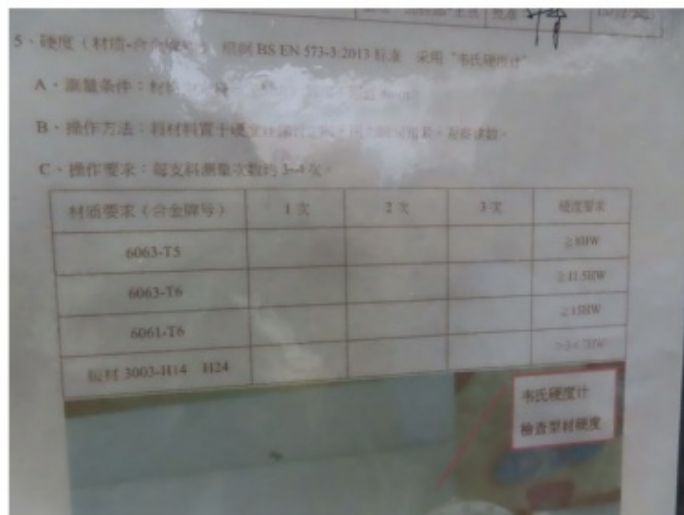
37_Adhesion test



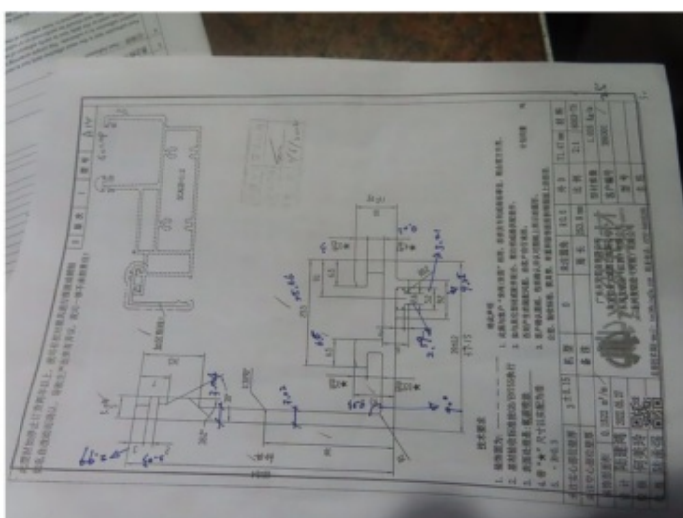
38_Check hardness of 6063-T5 extrusion



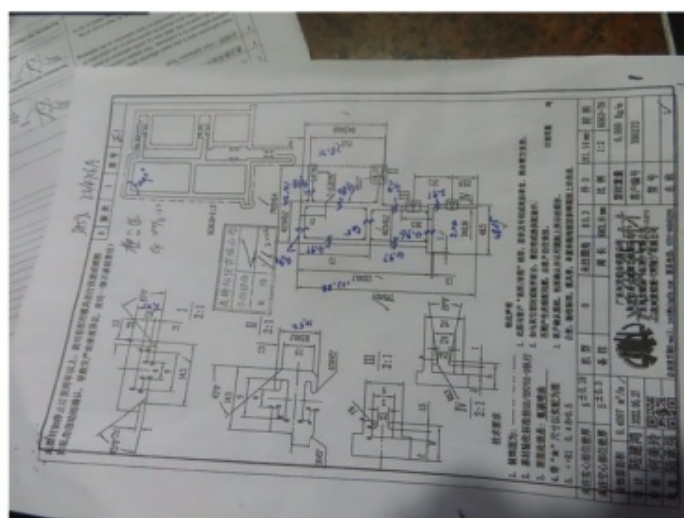
39_Check hardness of 6063-T6 extrusion



40_Check hardness of extrusion



41_QC record for dimension checking




42_QC record for dimension checking

3 COMMENT, RECOMMENDATIONS AND REMINDER

- Missing seal-up end position of Mullion and transom was found during factory inspection. Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion
- Blemish was observed to be existed at spandrel sealant. MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Accom's Recommendation	Report Reference	Contractor's Reply / Remedial Reference	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition		Report-R-01 Photo 3 - 6			
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection.		Report-R-02 Photo 1 - 4			
3	Blemish was observed to be existed at spandrel sealant.		Report-R-02 Photo 23 - 24			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th		



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 03



Inspection Date: 25th November 2022
Issue Date: 05th December 2022

Report Reference: 60646872-FI-R-03

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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Appendix

Appendix A- Abandon panels / Glazing / Aluminum Panels

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳冲工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	25 th November 2022
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 黃英梅小姐 (美而特統籌) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管) 陳進華先生(美而特倉務主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- Materials cutting, milling and drilling of extrusion was in progress and 59 out of 63 (First log unitized panels) was completed;
- Assembly of Mullion and Transom was in progress and 51 out of 63 (First log unitized panels) was completed;
- Fixing of glazing and application of structural sealant was in progress and 50 out of 63 (First log unitized panels) was completed;
- Water test of 4 numbers unitized panels
 - 9F-T1B-CW4_AS-07 No leakage was found
 - 12F-T1B-005_TM11 No leakage was found
 - 15F-T1B-CW4_AF-025 No leakage was found
 - 15F-T1B-CW4_AS-01 Leakage was found at handle of operable window,
15F-T1B-CW4_AS-01 No leakage was found after remedial work
- General inspection, Dimension checking and testing of raw materials / extrusion (Die no. X86316 , X86317 & X86318).
- Witness and certify of abandon panels / glazing / Aluminium panels & Extrusions (Details refer to photos 31 to 48 and Appendix A)

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For *Comments, Recommendation and Reminders* please refer to *Section 3*.
- 2) For *Summary table of finding and remedial action* please refer to *Section 4*.
- 3) For *Inspection Schedule*, please refer to *Section 5* at the end of this report.

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



1_Raw materials were tidy-up at temporary storage area (Before QC checking)



2_Raw materials were tidy-up at temporary storage area (Before QC checking)



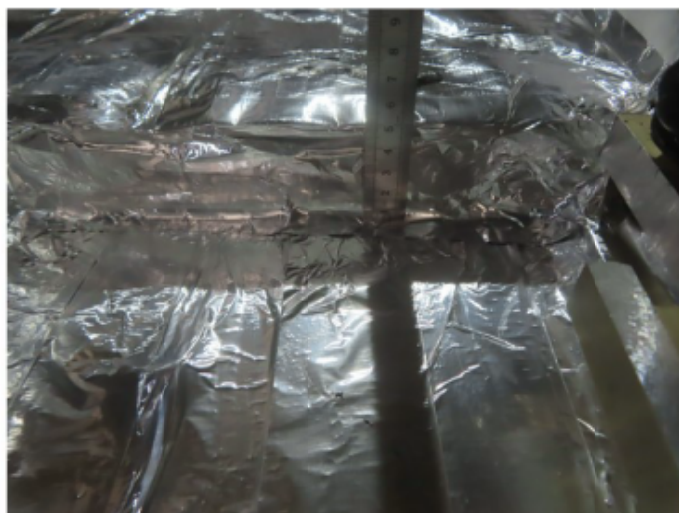
3_Raw materials were tidy-up at temporary storage area (Before QC checking)



4_Materials storage area (After QC checking)



5_Rockwool 110kg per m3



6_Check thickness of thermo insulation

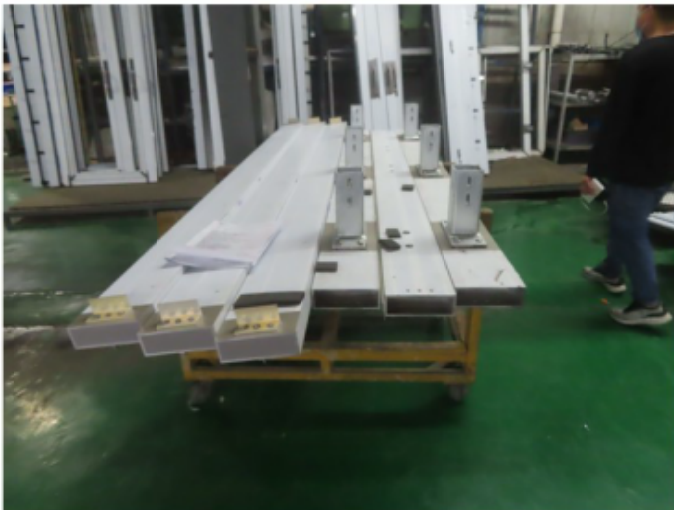
Midi Factory Inspection on 25-Nov-2022 - Report No. R03



7_Seal-up end position of Transom and Mullion



8_Seal-up end position of Transom and Mullion



9_Seal-up end position of Transom and Mullion



10_Seal-up end position of Transom and Mullion



11_Protection prior fabrication



12_CNC milling and curring

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



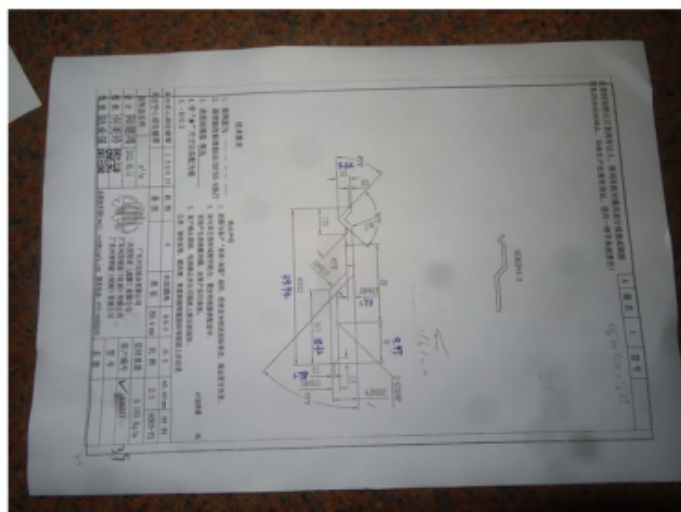
13_Samples for peel adhesion test



14_Samples for peel adhesion test



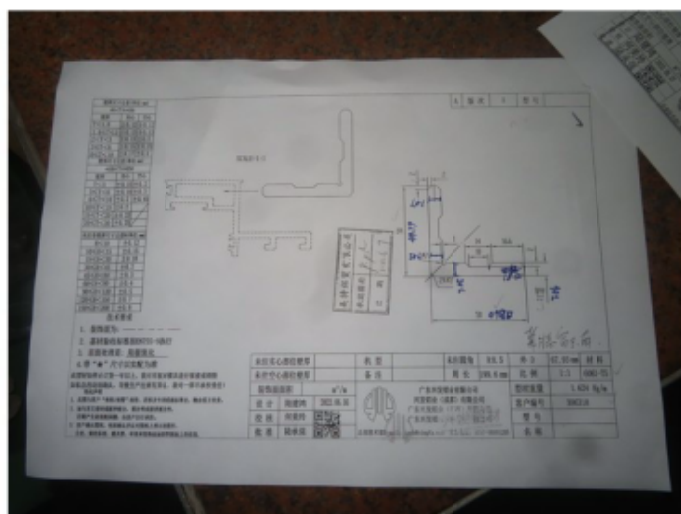
15_Dimension checking of extrusion



16_Dimension checking of extrusion



17_Dimension checking of extrusion



18_Dimension checking of extrusion

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



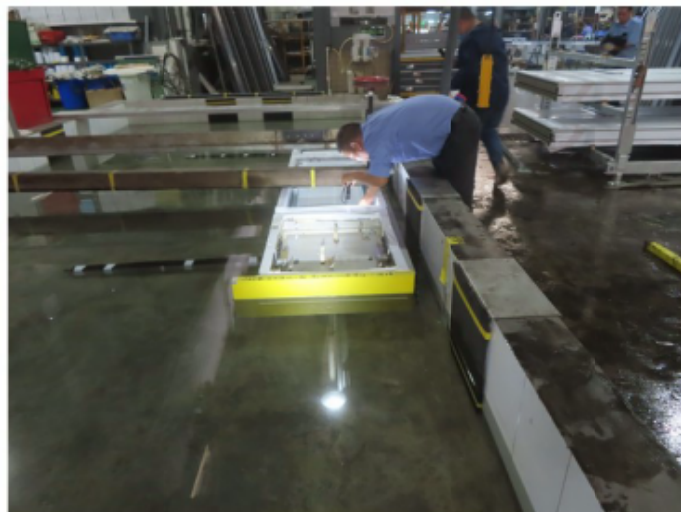
19_Check hardness of 6063-T5 extrusion



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

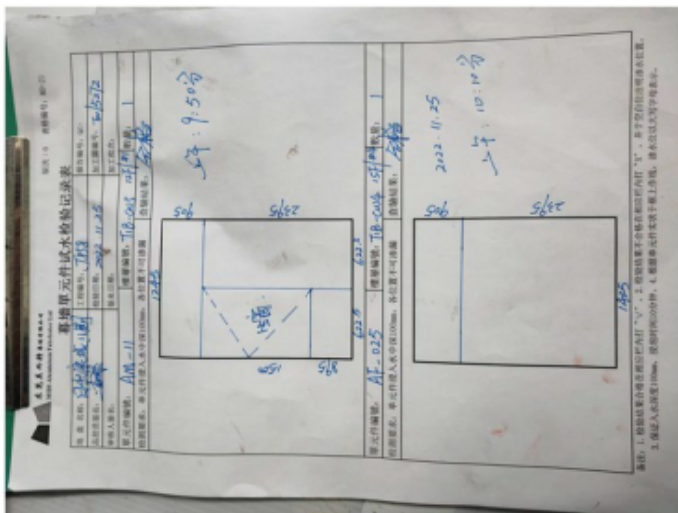


25_15F-T1BCW4 AS-01 water leakage

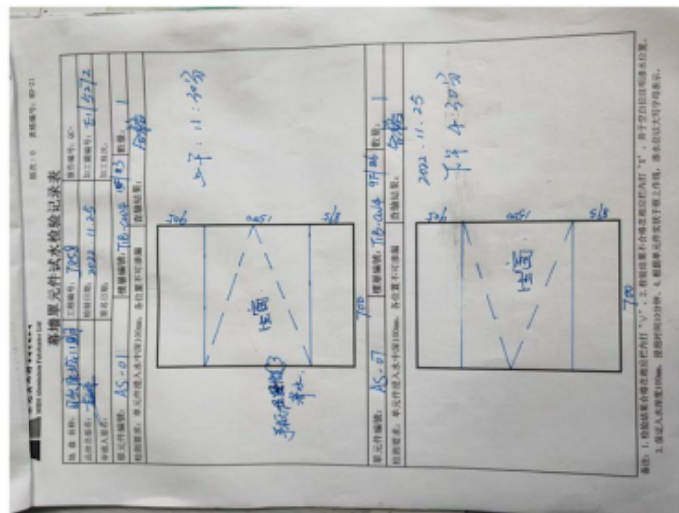


26_15F-T1BCW4 AS-01 water leakage

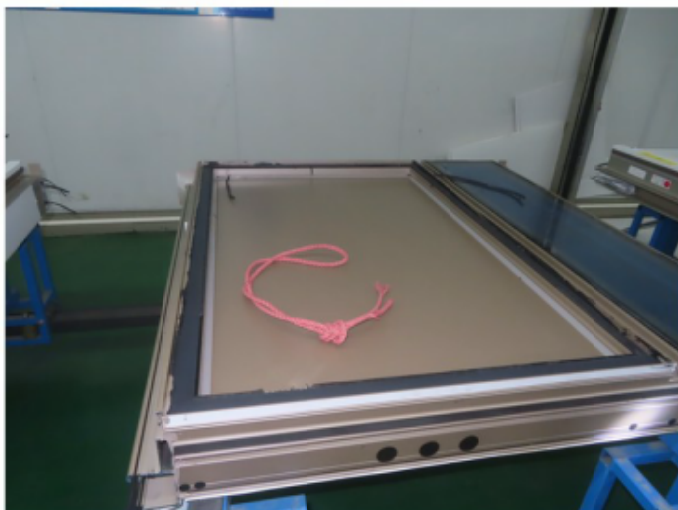
Midi Factory Inspection on 25-Nov-2022 - Report No. R03



27_ Water flooding test



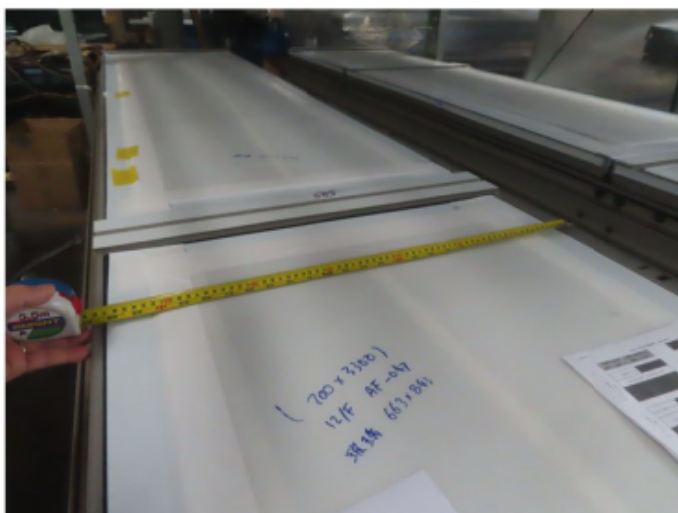
28_ Water flooding test



29_ Repair the defect of on spandrel sealant and back pan



30_ Repair the defect of on spandrel sealant and back pan



31_witness and measurement of abandon materials



32_witness and measurement of abandon materials

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



33_witness and measurement of abandon materials



34_witness and measurement of abandon materials



35_witness and measurement of abandon materials



36_witness and measurement of abandon materials

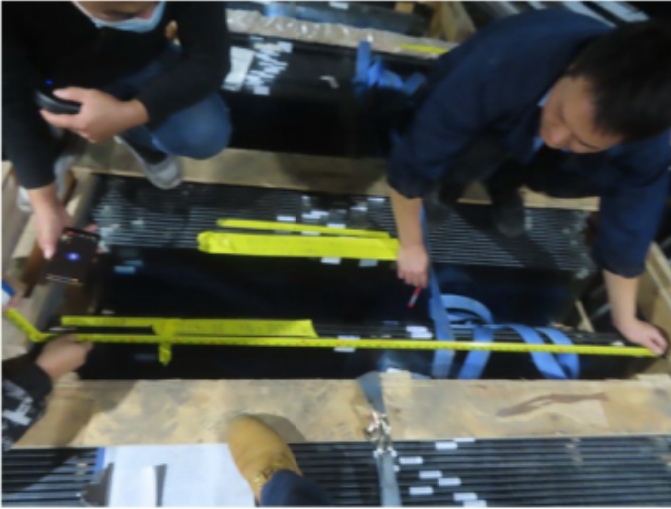


37_witness and measurement of abandon materials

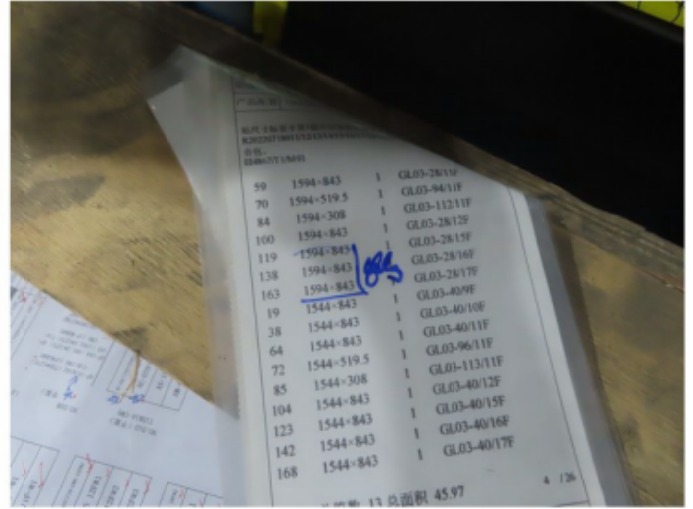


38_witness and measurement of abandon materials

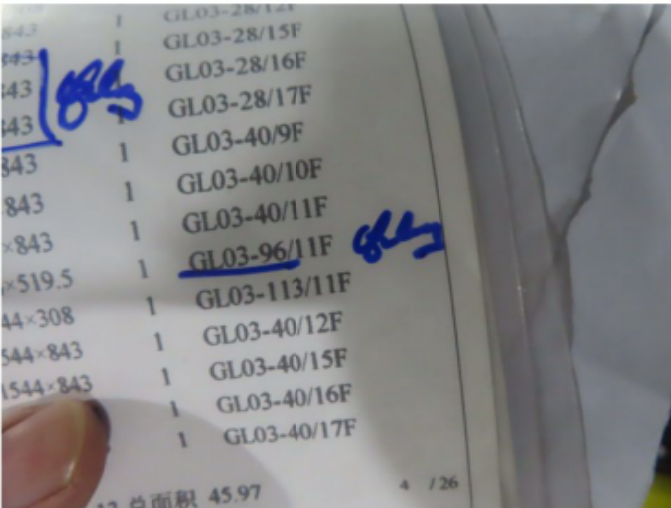
Midi Factory Inspection on 25-Nov-2022 - Report No. R03



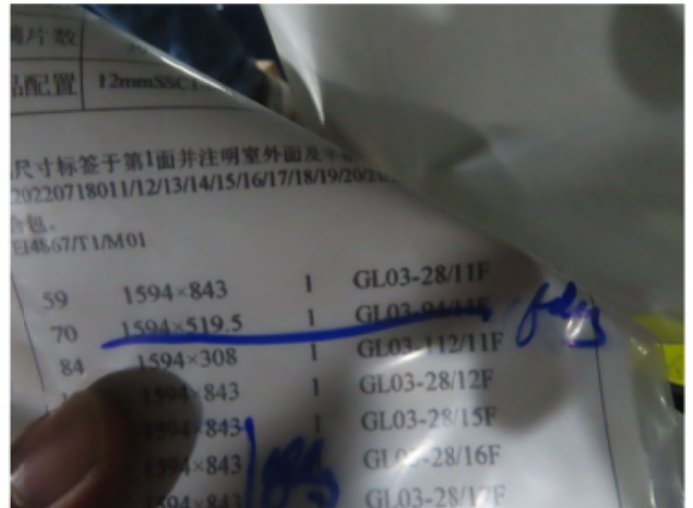
39_witness and measurement of abandon materials



40_witness and measurement of abandon materials



41_witness and measurement of abandon materials



42_witness and measurement of abandon materials

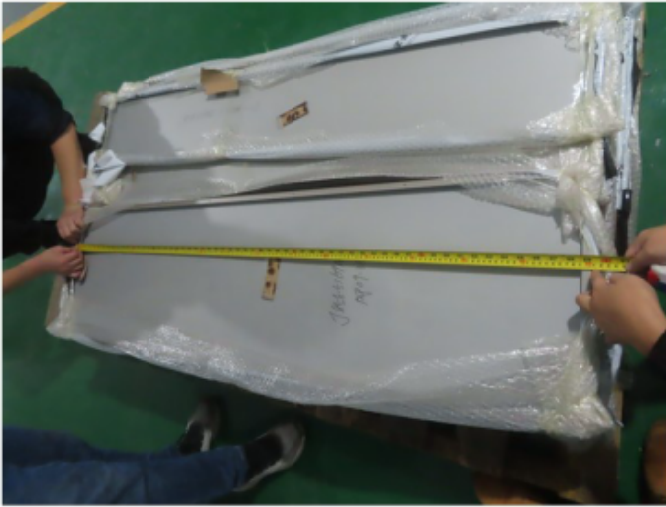


43_witness and measurement of abandon Aluminium panel

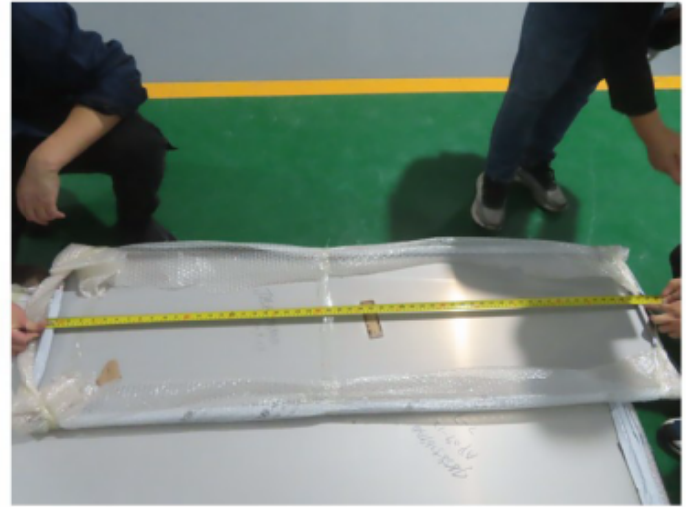


44_witness and measurement of abandon Aluminium panel

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



45_witness and measurement of abandon Aluminium panel



46_witness and measurement of abandon Aluminium panel



47_witness and measurement of abandon Aluminium panel







48_witness and measurement of abandon Aluminium panel

3 COMMENT, RECOMMENDATIONS AND REMINDER

- Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01. MIDI is required to carry out their internal QA/QC method to repair the leakage unitized panel, MIDI needs to improve workmanship for future works.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection.	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1-4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant.	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve	Report-R-02 Photo 23- 24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01.	MIDI is required to carry out their internal QA/QC method to repair the leakage unitized panel, MIDI needs to improve workmanship for future	Report-R-03 Photo 25- 26			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th	2022-11-30	CF. Cheng

APPENDIX A

Abandon panels / Glazing / Aluminum Panels



J858单元幕墙单元件派位图

J858单元幕墙单元件派位图

T1B-CW6 & T1A-CW6 (暫停單元) 玻璃狀態

T1A-CW3 (暫停單元) 玻璃狀態

17F	AF-047	AF-029
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-28/1594*843
	GL01-12/663*2332	GL01-21/1594*2332
16F/ 吊船碼	AF-95/已完成生產	AF-84/已完成生產
	700*3300/F/吊船碼	1631.3*3300/F/吊船碼
	GL03-08/663*843	GL03-28/1594*843
	GL01-12/663*2332	GL01-21/1594*2332
	上述玻璃已安裝用	上述玻璃已安裝用
15F	AF-047/已完成生產	AF-029/已完成生產
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-28/1594*843
	GL01-12/663*2332	GL01-21/1594*2332
	上述玻璃已安裝用	上述玻璃已安裝用
12F	AF-047/已完成生產	AF-029/已完成生產
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-28/1594*843
	GL01-12/663*2332	GL01-21/1594*2332
	上述玻璃已安裝用	上述玻璃已安裝用
11F/ 走火層/ 3250	AF-161/已完成生產	AF-163/已完成生產
	700*1270/F	1631.3*1270/F
	GL03-8/663*843	GL03-28/1594*843
	GL03-111/663*308	GL03-112/1594*308
	上述玻璃已安裝用	上述玻璃已安裝用
	AF-129	AF-134
700*582.5/F	1631.3*582.5/F	
GL03-95/663*519.5	GL03-94/1594*519.5	
10F	AF-047	AF-029
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-28/1594*843
	GL01-12/663*2332	GL01-21/1594*2332
9F	AF-047	AF-029
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-28/1594*843
	GL01-12/663*2332	GL01-21/1594*2332

T1B-CW6-#1

T1A-CW6-#1

17F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-40/1544*843
	GL01-12/663*2332	GL01-29/1544*2332
16F/ 吊船碼	AF-95	AF-86
	700*3300/F/吊船碼	1631.3*3300/F/吊船碼
	GL03-08/663*843	GL03-40/1544*843
	GL01-12/663*2332	GL01-29/1544*2332
15F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-40/1544*843
	GL01-12/663*2332	GL01-29/1544*2332
12F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-40/1544*843
	GL01-12/663*2332	GL01-29/1544*2332
11F/ 走火層/ 3250	AF-161	AF-166
	700*1270/F	1631.3*1270/F
	GL03-8/663*843	GL03-40/1544*843
	GL03-111/663*308	GL03-113/1544*308
	AF-129	AF-135
700*582.5/F	1631.3*582.5/F	
GL03-95/663*519.5	GL03-96/1544*519.5	
10F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-40/1544*843
	GL01-12/663*2332	GL01-29/1544*2332
9F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	GL03-08/663*843	GL03-40/1544*843
	GL01-12/663*2332	GL01-29/1544*2332

T1A-CW3-#1

T1A-CW3-#3

J858单元幕墙单元件派位图

J858单元幕墙单元件派位图

T1B-CW6 & T1A-CW6 (暫停單元) 鋁背板

T1A-CW3 (暫停單元) 鋁背板

17F	AF-047	AF-029
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-11/1509*760.5
16F/ 吊船碼	AF-95	AF-84
	700*3300/F/吊船碼	1631.3*3300/F/吊船碼
	J858-AP09-02/578*760.5	J858-AP09-11/1509*760.5
	上述鋁背板已安裝用	上述鋁背板已安裝用
15F	AF-047	AF-029
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-11/1509*760.5
	上述鋁背板已安裝用	上述鋁背板已安裝用
12F	AF-047	AF-029
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-11/1509*760.5
	上述鋁背板已安裝用	上述鋁背板已安裝用
11F/ 走火層/ 3250	AF-161	AF-163
	700*1270/F	1631.3*1270/F
	J858-AP09-02/578*760.5	J858-AP09-11/1509*760.5
	J858-AP11-34/584*243	J858-AP11-35/1515*243
	上述鋁背板已安裝用	上述鋁背板已安裝用
	AF-129	AF-134
	700*1270/F	1631.3*1270/F
J858-AP09-37/578*423	J858-AP09-38/1509*423	
10F	AF-047	AF-029
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-11/1509*760.5
9F	AF-047	AF-029
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-11/1509*760.5

17F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-12/1459*760.5
16F/ 吊船碼	AF-95	AF-86
	700*3300/F/吊船碼	1631.3*3300/F/吊船碼
	J858-AP09-02/578*760.5	J858-AP09-12/1459*760.5
15F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-12/1459*760.5
12F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-12/1459*760.5
11F/ 走火層/ 3250	AF-161	AF-166
	700*1270/F	1631.3*1270/F
	J858-AP09-02/578*760.5	J858-AP09-12/1459*760.5
	J858-AP11-34/584*243	J858-AP11-36/1465*243
	AF-129	AF-135
	700*1270/F	1631.3*1270/F
J858-AP09-37/578*423	J858-AP09-39/1459*423	
10F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-12/1459*760.5
9F	AF-047	AF-034
	700*3300/F	1631.3*3300/F
	J858-AP09-02/578*760.5	J858-AP09-12/1459*760.5

T1B-CW6-#1

T1A-CW6-#1

T1A-CW3-#1

T1A-CW3-#3

热浸测试报告

HEAT SOAK TESTING REPORT

T1

Heat Soak Oven Number (热浸炉编号) FY-JZ-195

Customer (客户): 美特铝质有限公司

Code number (报告编号) R20220718012-2

Project Name (工程名称): 将军澳日出康城11期

EI号: EI4867/T1 (M03-04)工厂

Order No (单号): R20220718012

Quantity (数量): 192pcs/240.94m²

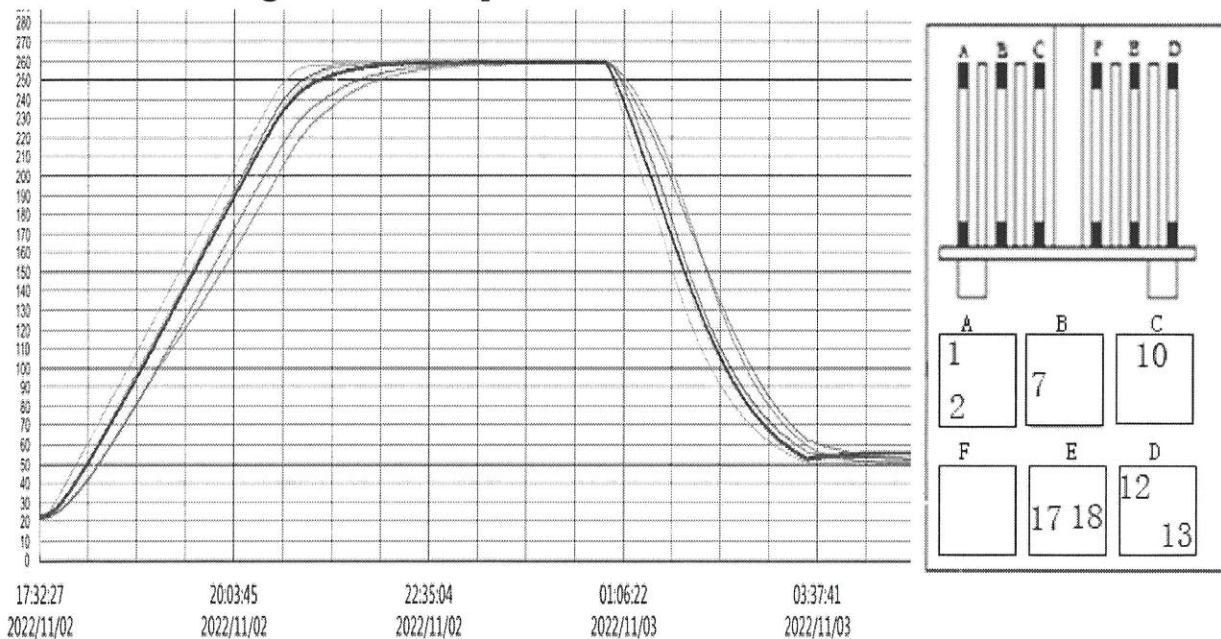
合同号: HT20211214003

Oven Location: No 23, Shihua Blvd West, Xiqu Xiangshui River Industrial Park,

(热浸炉位置): Daya Bay, Huizhou, China.

No	GLASS TYPE(mm)/QTY (pcs)	BROKEN	NOTE
1	12mm clear tempered glass		
2	1660*2332 =8	0	
3	1662*2332 =8	0	
4	903*2332 =8	0	
5	1272*2332 =8	0	
6	663*832 =36	0	
7	644*2332 =46	1	644*2332爆1件
8	1594*2332 =1	0	
9	1793*2332 =1	0	
10	585*2332 =1	0	
11	644*832 =75	0	
12			
13			
14			
15			
16			

Fig1 Time-Temperature Curve



Reporter (操作人): 李中华 Check (检验): 刘萍 Approval (批准): 孙志军 Date (日期): 2022/11/03

NOTE:

The captioned material was tested under a heat soak process at temperature 260°C±10°C as (EN14179-1:2016) requirement. The duration of the holding phase is 2h. Temperature-time graph for thermocouples (Qty:8) sticking on glass surface at different locations 1, 2, 7, 10, 12, 13, 17, 18. Glass panels were separated by a minimum 20mm space stillage. Tempered glass treated by heat soaked can reduce the possibility of spontaneous break to a large extent. But we can not ensure that tempered glass treated by heat soaked will not produce spontaneous break forever. Position 12,17 near the door

热浸测试报告

HEAT SOAK TESTING REPORT

TI

Heat Soak Oven Number (热浸炉编号) FY-JZ-195

Customer (客户): 美特铝质有限公司

Code number (报告编号) R20220718012-1

Project Name (工程名称): 将军澳日出康城11期

EI号: EI4867/T1 (M03-04)工厂

Order No (单号): R20220718012

Quantity (数量): 114pcs/319.00m²

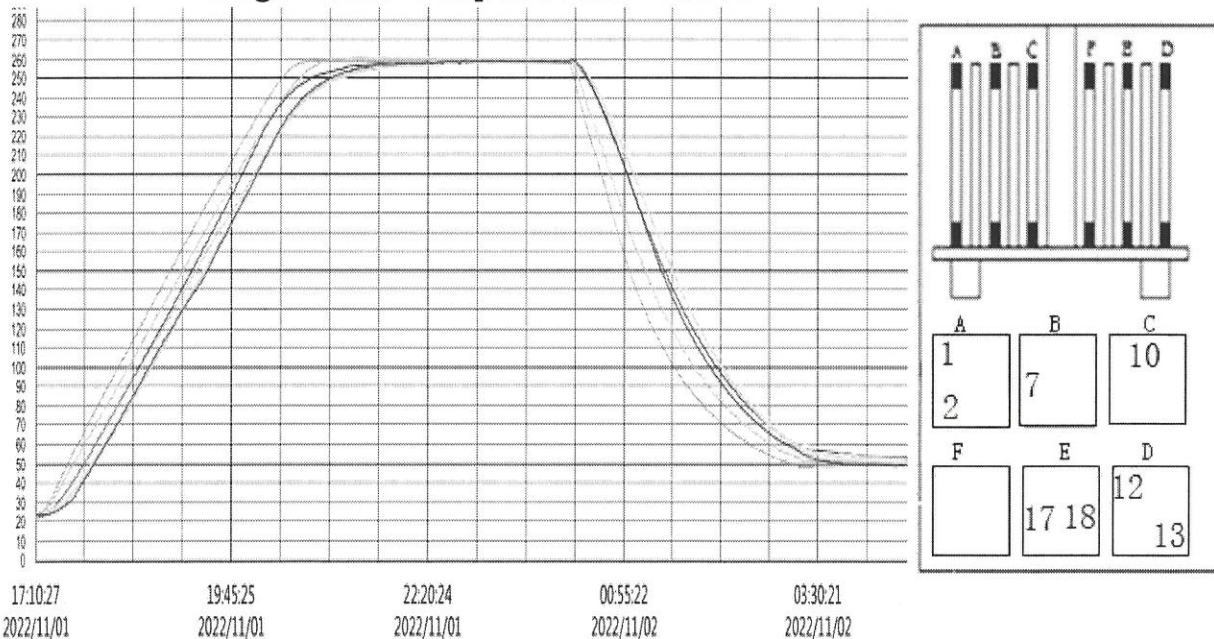
合同号: HT20211214003

Oven Location: No 23, Shihua Blvd West, Xiqu Xiangshui River Industrial Park,

(热浸炉位置): Daya Bay, Huizhou, China.

No	GLASS TYPE(mm) /QTY (pcs)	BROKEN	NOTE
1	12mm clear tempered glass		
2	1751 * 2332 =8	0	
3	1793 * 2332 =8	1	1793*2332爆1件
4	663 * 2332 =24	0	
5	585 * 2332 =16	1	585*2332爆1件
6	1544 * 2332 =8	0	
7	1594 * 2332 =8	1	1594*2332爆1件
8	1770 * 2332 =16	0	
9	1388 * 2332 =8	0	
10	1525 * 2332 =8	0	
11	644 * 2332 =10	0	
12			
13			
14			
15			
16			

Fig1 Time-Temperature Curve



Reporter (操作人): 李中华 Check (检验): 刘萍 Approval (批准): 孙志军 Date (日期): 2022/11/02

NOTE:

The captioned material was tested under a heat soak process at temperature 260°C±10°C as (EN14179-1:2016) requirement. The duration of the holding phase is 2h. Temperature-time graph for thermocouples (Qty:8) sticking on glass surface at different locations 1, 2, 7, 10, 12, 13, 17, 18. Glass panels were separated by a minimum 20mm space stillage. Tempered glass treated by heat soaked can reduce the possibility of spontaneous break to a large extent. But we can not ensure that tempered glass treated by heat soaked will not produce spontaneous break forever. Position 12, 17 near the door

12



广东海控特种玻璃技术有限公司热浸登记表

主操：李中华

起始时间：2022-10-25				终止时间：2022-10-26				均质炉编号：FY-JZ-196			总重量(14800KG)：			
电偶编号：		ZH-TE-501-510												
电偶是否有效		√	电偶粘贴位置是否正确				√	摆放间距是否≥20mm		√	客户名称：将军澳日出康城11期-美特			
客户名称 生产单号	进炉玻璃规格数量			面积 (m ²)	重量 (kg)	爆片 数量	客户名称 生产单号	进炉玻璃规格数量			面积	重量 (kg)	爆片 数量	
	品种	规格尺寸						数量	品种	规格尺寸				数量
R20220818037	12CT	578.0	832.0	10	4.81	152.92								
		585.0	832.0	10	4.87	154.78								
		585.0	2332.0	10	13.64	433.82								
		644	832	45	24.11	766.74								
		644	2332	70	105.13	3343.02								
		663	832	54	29.79	947.23								
		663	2332	20	30.92	983.33								
		678	832	30	16.92	538.15								
		713.0	2,332.00	20	33.25	1057.49								
		1272	2332	10	29.66	943.28								
		1289	2332	10	30.06	955.89								
		1818	2332	10	42.40	1348.19								
		1770.0	2,332.00	1	4.13	131.26								
				300	369.69	11756.11								

T1签名：

T3签名：

T2



广东海控特种玻璃技术有限公司热浸登记表

主操：李中华

起始时间：2022-10-24				终止时间：2022-10-25				均质炉编号：FY-JZ-196				总重量(14800KG)：					
电偶编号：		ZH-TE-501-510															
电偶是否有效		√		电偶粘贴位置是否正确				√		摆放间距是否≥20mm		√		客户名称：将军澳日出康城11期-美特			
客户名称		进炉玻璃规格数量				面积	重量（	爆片	客户名称		进炉玻璃规格数量				面积	重量（	爆片
生产单号		品种	规格尺寸		数量	(m²)	kg)	数量	生产单号	品种	规格尺寸		数量		kg)	数量	
R20220818037		12CT	1770.0	2332.0	30	123.83	3937.77										
			953.0	2332.0	10	22.22	706.72										
			1525.0	2332.0	10	35.56	1130.90										
			990	2332	10	23.09	734.16										
			1043	2332	10	24.32	773.46										
			644	832	40	21.43	681.55										
			1687	2332	10	39.34	1251.04										
			1619	2332	10	37.76	1200.61										
					130	327.55	10416.22										

T1签名：

T3签名：



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 04



Inspection Date: 30th November 2022
Issue Date: 05th December 2022

Report Reference: 60646872-FI-R-04

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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Appendix

Appendix A- Die Mould Status 20221130

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳冲工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	30 th November 2022
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 黃英梅小姐 (美而特統籌) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管) 陳進華先生(美而特倉務主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- Materials cutting, milling and drilling of extrusion was in progress and 59 out of 63 (First log unitized panels) was completed;
- Assembly of Mullion and Transom was in progress and 51 out of 63 (First log unitized panels) was completed;
- Fixing of glazing and application of structural sealant was in progress and 50 out of 63 (First log unitized panels) was completed;
- Water test of 3 numbers unitized panels this week (Total : 7 out of 63 completed)
 - 9F-T1B-CW4_AS-01 No leakage was found
 - 10F-T1B-CW4_AS-07 No leakage was found
 - 9F-T1B-CW4_AS-03 Leakage was found at air/ vent hole due to damaged sealant;
9F-T1B-CW4_AS-03 No leakage was found after remedial work
(Leakage from End position of Mullion)
- General inspection, Dimension checking and testing of raw materials / extrusion (Die no. X86283 , X86300 & X86306).
- 9 number of panels were pending due to shortage of shortage of extrusion
(Details refer to Appendix A- Die Mould Status 20221130)

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For *Comments, Recommendation and Reminders* please refer to *Section 3*.
- 2) For *Summary table of finding and remedial action* please refer to *Section 3*.
- 3) For *Inspection Schedule*, please refer to *Section 5* at the end of this report.

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



1_Dimension checking of extrusion



2_Dimension checking of extrusion



3_Calibration of thickness gauge



4_Coating thickness measurement

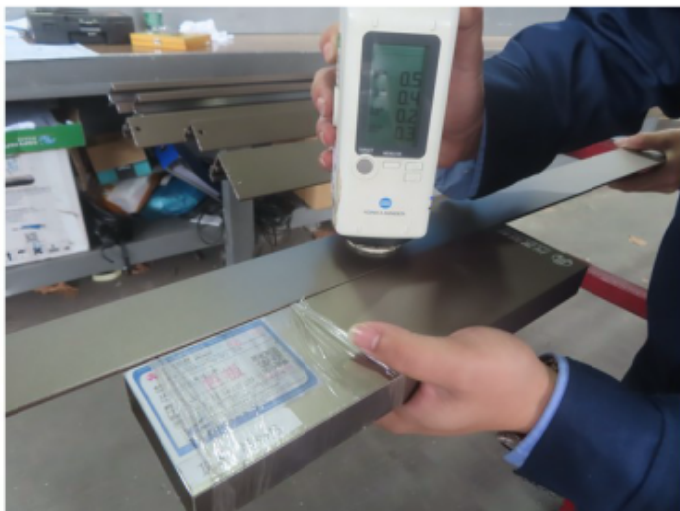


5_Check surface hardness of painting



6_Zeroing of spectrometer by using control sample

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



7_ Check colour uniformity compare with control sample



8_Calibration prior test



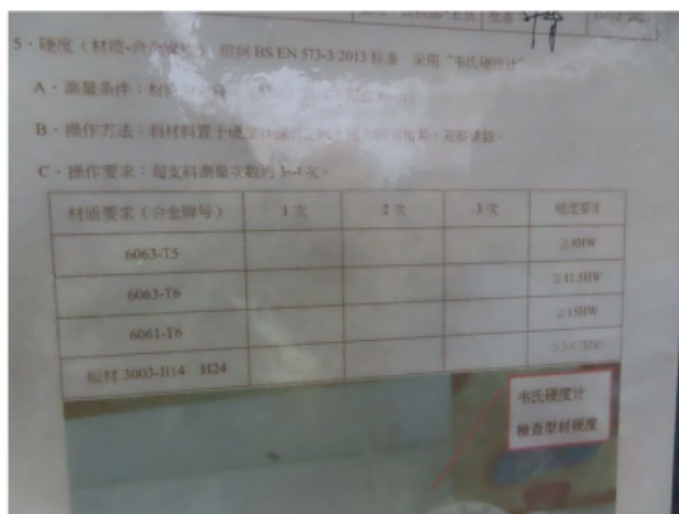
9_Initial checking of control sample



10_Gloss checking by using gloss meter

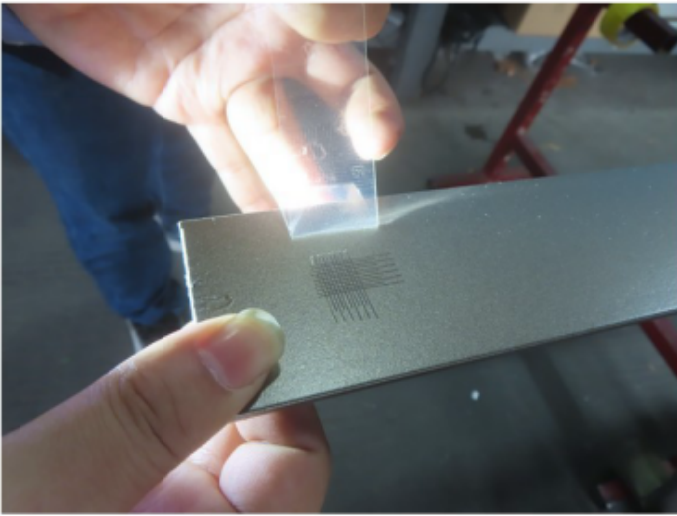


11_ Check hardness of 6063-T5 extrusion

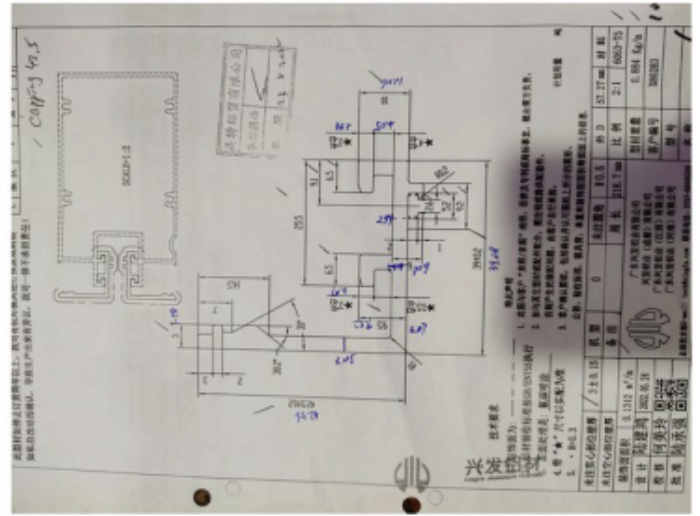


12_Check hardness of extrusion

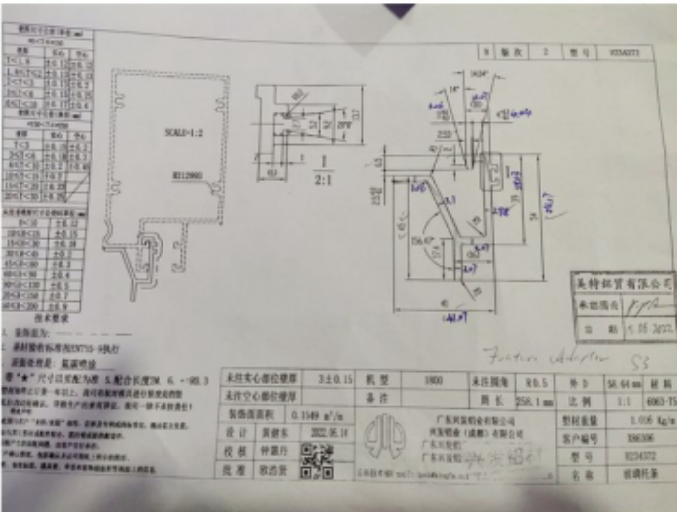
Midi Factory Inspection on 30-Nov-2022 - Report No. R04



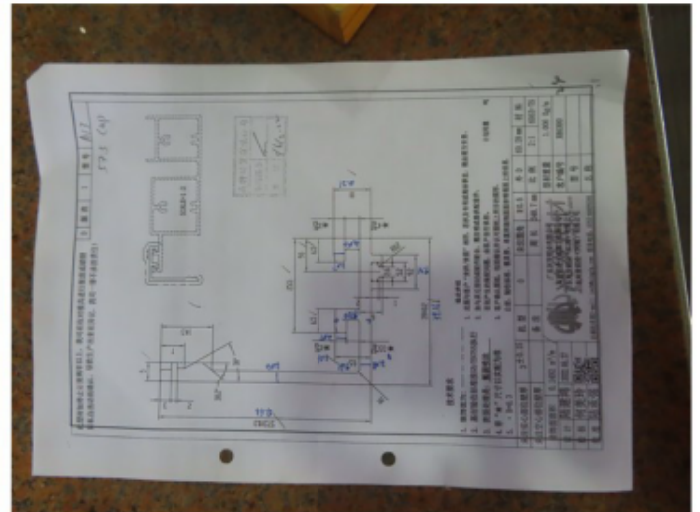
13_Adhesion test



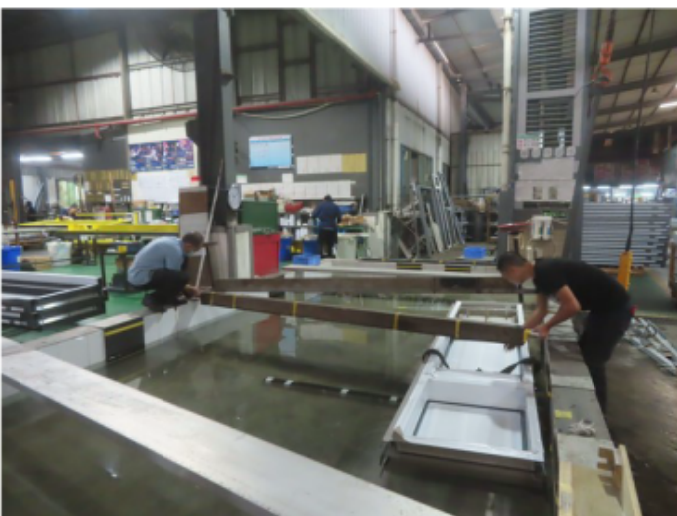
14_QC record for dimension checking



15_QC record for dimension checking



16_QC record for dimension checking



17_9F_T1BCW4_AS01



18_9F_T1BCW4_AS03

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



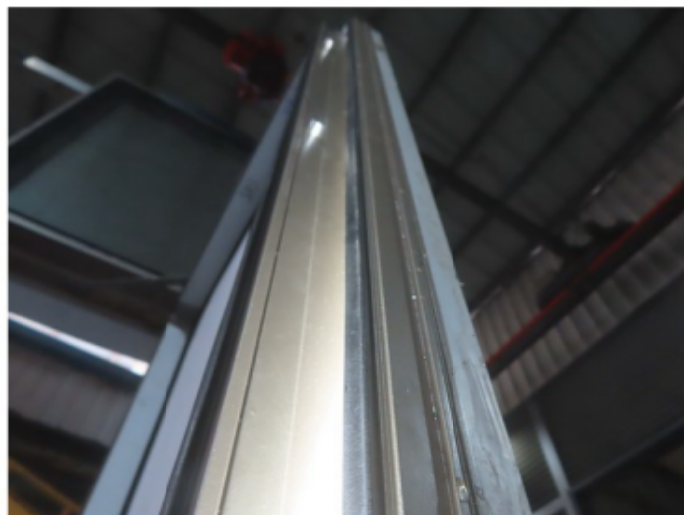
19_Water leakage was found inside spandrew backpan



20_Damage sealant was found at end position of mullion



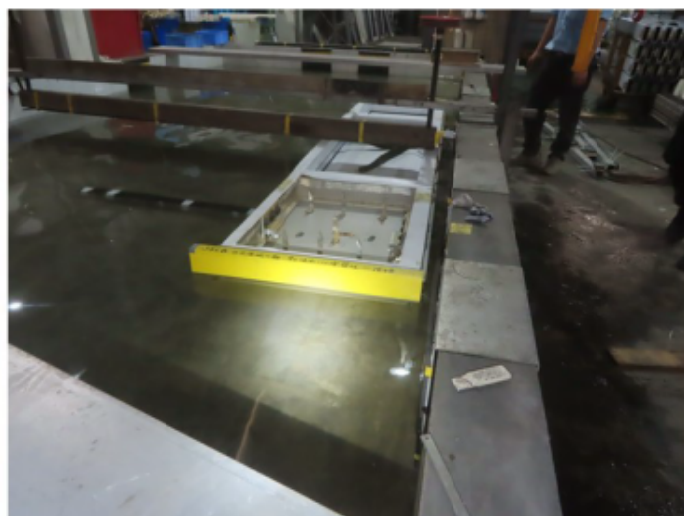
21_9F_T1BCW4_AS0_Check operable window



22_9F_T1BCW4_AS0_Check water leakage for operable window



23_Open and close for operable window

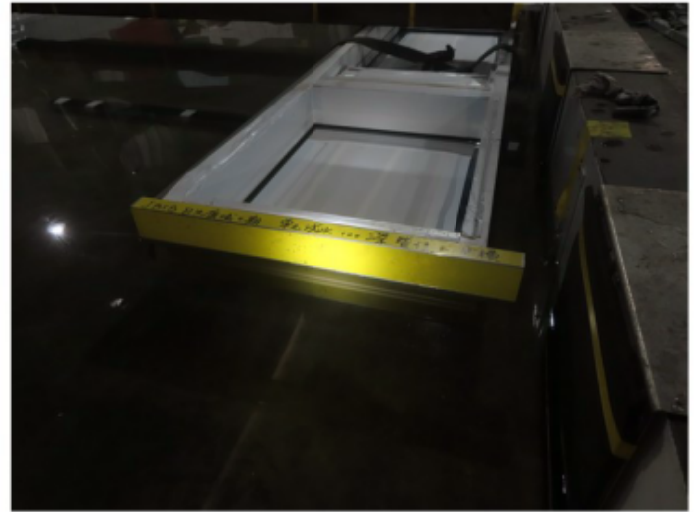


24_10F_T1B-CW4_AS07

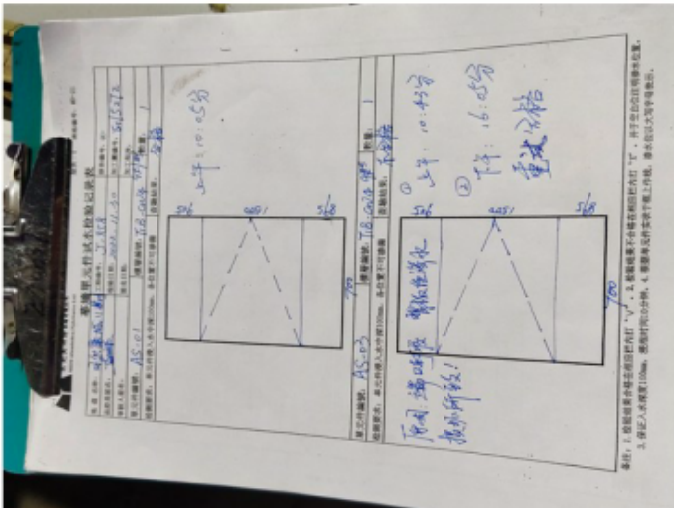
Midi Factory Inspection on 30-Nov-2022 - Report No. R04



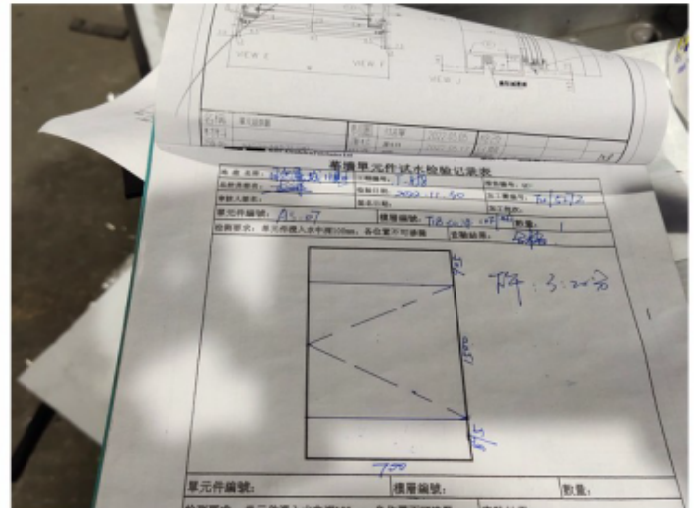
25__Open and close for operable window



26_9F_T1BCW4_AS0_Retest after make-good defective sealant



27_Water Flooding test record



28_Water Flooding test record



29_Check production status



30_Check production status

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



31_Check production status



32_Check production status



33_Check production status



34_Check production status



35_Check production status



36_Check production status

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



37_Check production status



38_Check production status



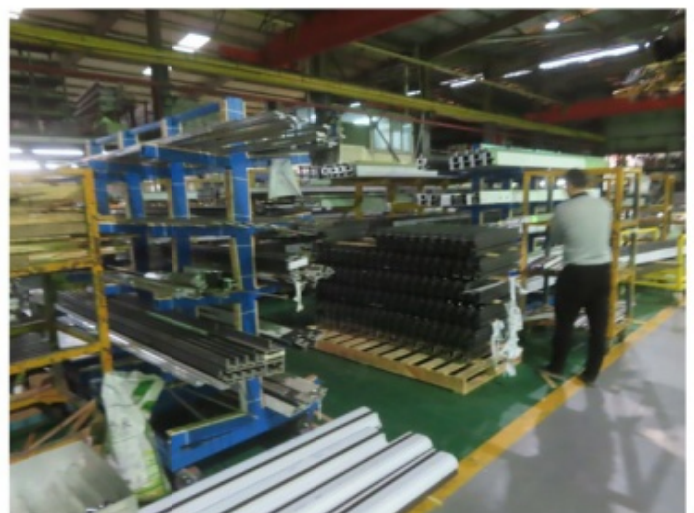
39_Semi-product pending for extrusion



40_Semi-product pending for extrusion



41_Semi-product pending for extrusion






42_Semi-product pending for extrusion

3 COMMENT, RECOMMENDATIONS AND REMINDER

- Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03. MIDI is required to carry out their internal QA/QC method to improve workmanship for future works.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection.	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1 - 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant.	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve	Report-R-02 Photo 23- 24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25- 26			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th	2022-11-30	CF. Cheng
5 th	2022-12-07	CF. Cheng

APPENDIX A

Die Mould Status 20221130



Item	Die no.	type	die status	試模料	預算檢測	已檢測	
1	X86254	大鋁碼	合格	OK		1-Nov-22	Curtain Wall
2	X86255	掛勾碼	合格	OK		7-Nov-22	
3	X86256	轉角掛勾碼	合格	OK		7-Nov-22	
5	X86279	水槽橫	合格	OK		4-Nov-22	
6	X86280	底橫	合格	OK		7-Nov-22	
7	X86281	生下梗中橫	合格	OK		7-Nov-22	
8	X86302	梗中梗	合格	OK		7-Nov-22	
9	X86308	Feature 中橫	合格	OK		4-Nov-22	
10	X86309	生中橫	合格	OK		4-Nov-22	
11	X86273	梗母企	合格	OK		11-Nov-22	
14	X86288	生母企	合格	OK		11-Nov-22	
15	X86277	生邊企	合格	OK		4-Nov-22	
16	X86278	梗邊企	合格	OK		11-Nov-22	
17	X86294	假生企	合格	OK		11-Nov-22	
22	X86303	水槽套芯	合格	OK		14-Nov-22	
23	X86289	浴室中橫	合格	OK		14-Nov-22	
24	X86298	浴室橫料	合格	OK		14-Nov-22	
26	X86258	內介子	合格	OK		14-Nov-22	
27	X86259	90介子	合格	OK		14-Nov-22	
28	X86260	45介子	合格	OK		14-Nov-22	
29	X86261	52介子	合格	OK		14-Nov-22	
32	X86314	生下梗副框	合格	OK		15-Nov-22	
33	X86282	欄河槽	合格	OK		15-Nov-22	
34	X86284	企生窗玉	合格	OK		15-Nov-22	
40	X86285	企蝴蝶窗	合格	OK		15-Nov-22	
35	X86286	轉角欄河槽	合格	OK		15-Nov-22	
18	X86275	轉角梗公企	合格	OK		16-Nov-22	
19	X86276	轉角生母企	合格	OK		16-Nov-22	
13	X86274	生公企	合格	OK		16-Nov-22	
36	X86312	假企中橫	合格	OK		16-Nov-22	
37	X86313	死牆生企副框	合格	OK		16-Nov-22	
39	X86304	死牆轉角	合格	OK		16-Nov-22	
41	X86299	窗玉橫	合格	OK		16-Nov-22	
44	X86305	死牆梗	合格	OK		16-Nov-22	
46	X86310	死牆轉角副框	合格	OK		16-Nov-22	
47	X86311	生下梗轉角副框	合格	OK		16-Nov-22	
20	X86295	轉角生公企	合格	OK		18-Nov-22	
12	X86272	梗公企	合格	OK		21-Nov-22	
43	X86301	60 Cap	合格	OK		21-Nov-22	
55	X86318	幕牆窗玉角	合格	OK		25-Nov-22	
53	X86316	轉角interlock	合格	OK		25-Nov-22	
54	X86317	室內收口之字扣碼	合格	OK		25-Nov-22	
31	X86283	4205 Cap	合格	OK		30-Nov-22	
42	X86300	5705 Cap	合格	OK		30-Nov-22	
45	X86306	Feature Adaptor	合格	OK		30-Nov-22	
4	X86257	掛碼卡腳	合格	OK	鉻化問題		
30	X86266	掛碼卡腳	合格	OK	鉻化問題		
38	X86351	企轉角生窗玉	合格	OK	7-Dec-22		
21	X86296	轉角梗母企	合格	OK	7-Dec-22		
25	X86307	Feature	合格	OK	7-Dec-22		
52	X86315	鋁板角	合格	OK		Alum Cladding	
56	X86319	鋁板加力骨	合格	OK			
48	X86290	GC企	合格	OK			
49	X86292	GC頂橫	合格	OK		Glass Cladding	
50	X86291	GC中橫	合格	OK			
51	X86293	GC底橫	合格	OK			
57	X86287	鋁板角	合格	OK			
58	H122785	滑快	合格	OK			

日出康城工程
鋁型材檢查進度

鋁型材問題	未到貨
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Item	Die no.	type	die status	試模料	預算檢測	已檢測	
60	X86321	邊企室內蓋(大)	合格	OK			Sliding Door
61	X86322	趟門生企框	合格	OK			
62	X86323	轆底墊巴	合格	OK			
63	X86324	門拉手蓋	合格	OK			
64	X86325	趟門路軌	合格	OK			
65	X86326	基仔位橫料	合格	OK			
66	X86327	門玉企鎖扣	合格	OK			
67	X86328	門玉企鎖扣蓋	合格	OK			
68	X86329	橫料滴水線	合格	OK			
69	X86330	趟門底橫	合格	OK			
70	X86331	趟門底副框	合格	OK			
71	X86332	趟門頂橫	合格	OK			
72	X86333	門拉手	合格	OK			
73	X86334	趟門梗企框	合格	OK			
74	X86335	基仔位橫料蓋	合格	OK			
75	X86336	趟門底生位扣蓋	合格	OK			
76	X86337	門框企鎖扣	合格	OK			
77	X86339	邊企壓板(小)	合格	OK			
78	X86340	中企壓板	合格	OK			
79	X86341	邊企壓板(大)	合格	OK			
80	X86342	邊企室內蓋(小)	合格	OK			
81	X86343	生門玉企料	合格	OK			
82	X86344	生門玉企及頂底料	合格	OK			
83	X86345	梗門玉料	合格	OK			
84	X86346	玻璃線	合格	OK			
85	I711	通用料	合格	OK		1-Nov-22	



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 05



Inspection Date: 12th December 2022
Issue Date: 17th December 2022

Report Reference: 60646872-FI-R-05

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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5 INSPECTION SCHEDULE	13

Appendix

Appendix A- details of fabrication progress

Appendix B - Die Mould Status 20221212

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	12 th December 2022
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 黃英梅小姐 (美而特統籌) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管) 陳進華先生(美而特倉務主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

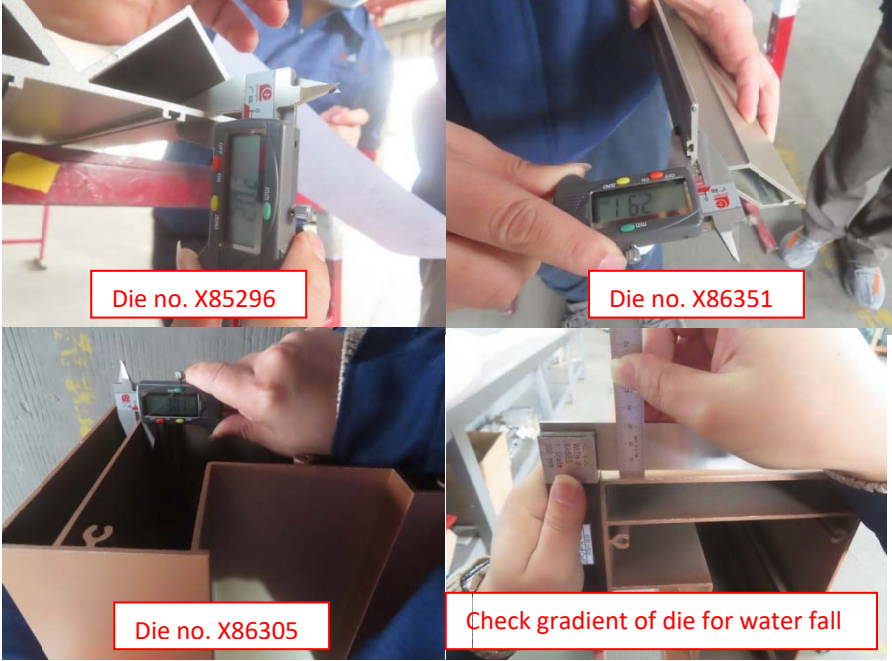
- Progress of assembly work for first log unitized panels (Zone 1) remains unchanged since last factory inspection on 30-Nov-2022, please refer to Appendix A - details of fabrication progress;
- Materials cutting, milling and drilling of extrusions were completed (second log 60 nos. of unitized panels for Zone 2), details please refer to Appendix B;
- Fit-up assembly of Mullion and Transom was in progress and 36 out of 60 (Second log unitized panels) was completed;
- General inspection, Dimension checking and testing of raw materials / extrusion (Die no. X85296 , X85353 & X86305). (Details refer to Appendix A- Die Mould Status 20221212);
- Check overall condition of chrome plated surface for Alum. extrusion X86256, X86284, X86255, X86254 during fabrication.

2.2 Photographic Record


The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For *Comments, Recommendation and Reminders* please refer to *Section 3*.
- 2) For *Summary table of finding and remedial action* please refer to *Section 3*.
- 3) For *Inspection Schedule*, please refer to *Section 5* at the end of this report.


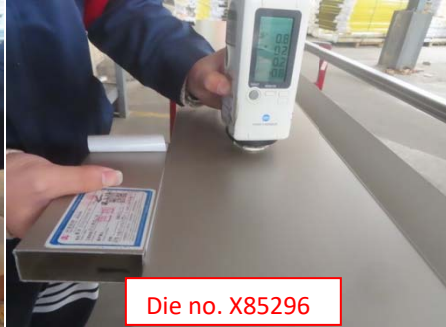


<p>Photo 1</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> Dimension check for Alum. extrusion X85296, X85353 & X86305</p>		
<p><u>Action:</u> -</p>		





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<p>Photo 2</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> Coating thickness measurement for Alum. extrusion X85296, X85353 & X86305</p>		
<p><u>Action:</u> -</p>		

<p>Photo 3</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> Surface hardness check for Alum. extrusion X85296, X85353 & X86305</p>		
<p><u>Action:</u> -</p>		

<p>Photo 4</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> Brightness measurement check for Alum. extrusion X85296, X85353 & X86305</p>		
<p><u>Action:</u> -</p>		

<p>Photo 5</p>		
<p><u>Item:</u> Observation</p>	 <p style="text-align: center;">Zeroing to control sample</p>	
<p><u>Description:</u> Check color uniformity compare with control sample for Alum. extrusion X85296, X85353 & X86305</p>	 <p style="text-align: center;">Die no. X85296</p>	
<p><u>Action:</u> -</p>	 <p style="text-align: center;">Die no. X86351</p>  <p style="text-align: center;">Die no. X86307</p>	

<p>Photo 6</p>		
<p><u>Item:</u> Observation</p>	 <p style="text-align: center;">Die no. X85296</p>	
<p><u>Description:</u> Adhesion test for Alum. extrusion X85296, X85353 & X86305</p>	 <p style="text-align: center;">Die no. X86351</p>	
<p><u>Action:</u> -</p>	 <p style="text-align: center;">Die no. X86351</p>  <p style="text-align: center;">Die no. X86307</p>	


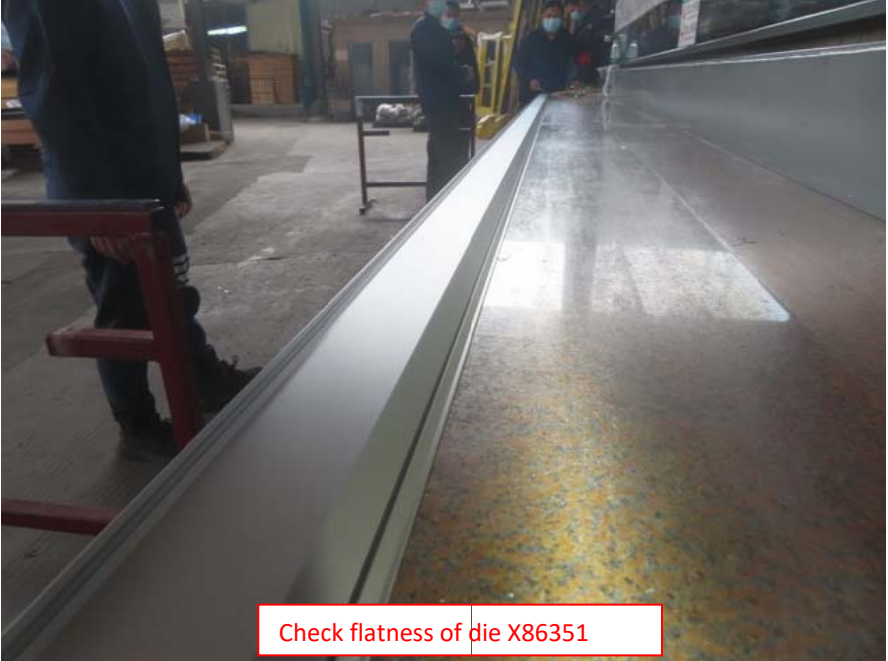
<p>Photo 7</p>	 <p>6063-T6 >11.5 OK</p> <p>Calibration of hardness gauge</p> <p>6063-T5 >8 OK</p> <p>Check hardness of die X85296</p> <p>6063-T6 >11.5 OK</p> <p>Check hardness of die X86351</p> <p>Check hardness of die X86307</p>
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Hardness check for Alum. extrusion X85296, X85353 & X86305</p>	
<p><u>Action:</u> -</p>	
<p>Photo 8</p>	 <p>Check flatness of die X86351</p>
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Check flatness of Alum. extrusion X85296, X85353 & X86305</p>	
<p><u>Action:</u> -</p>	

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

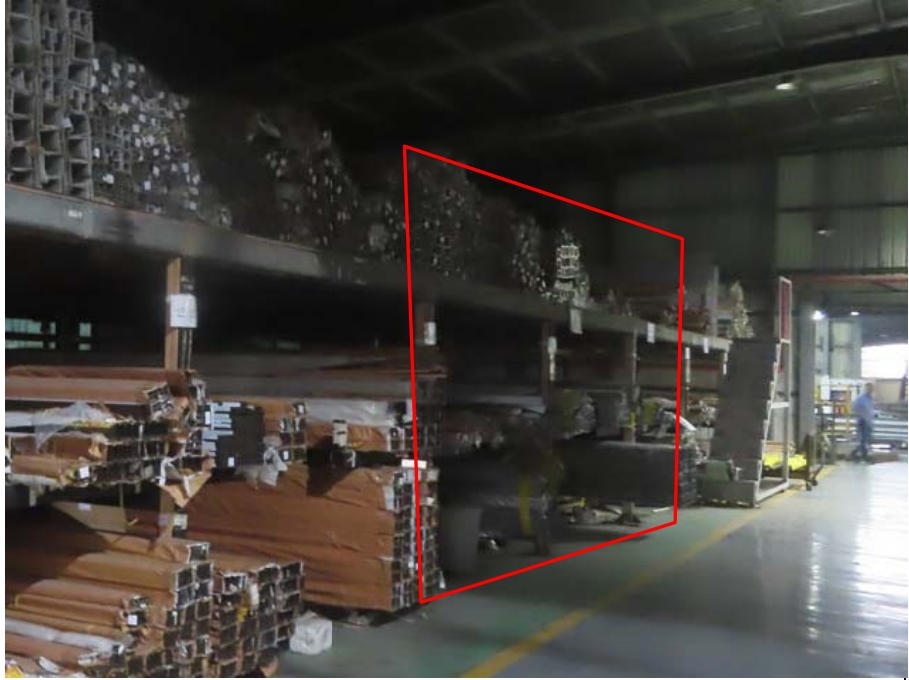
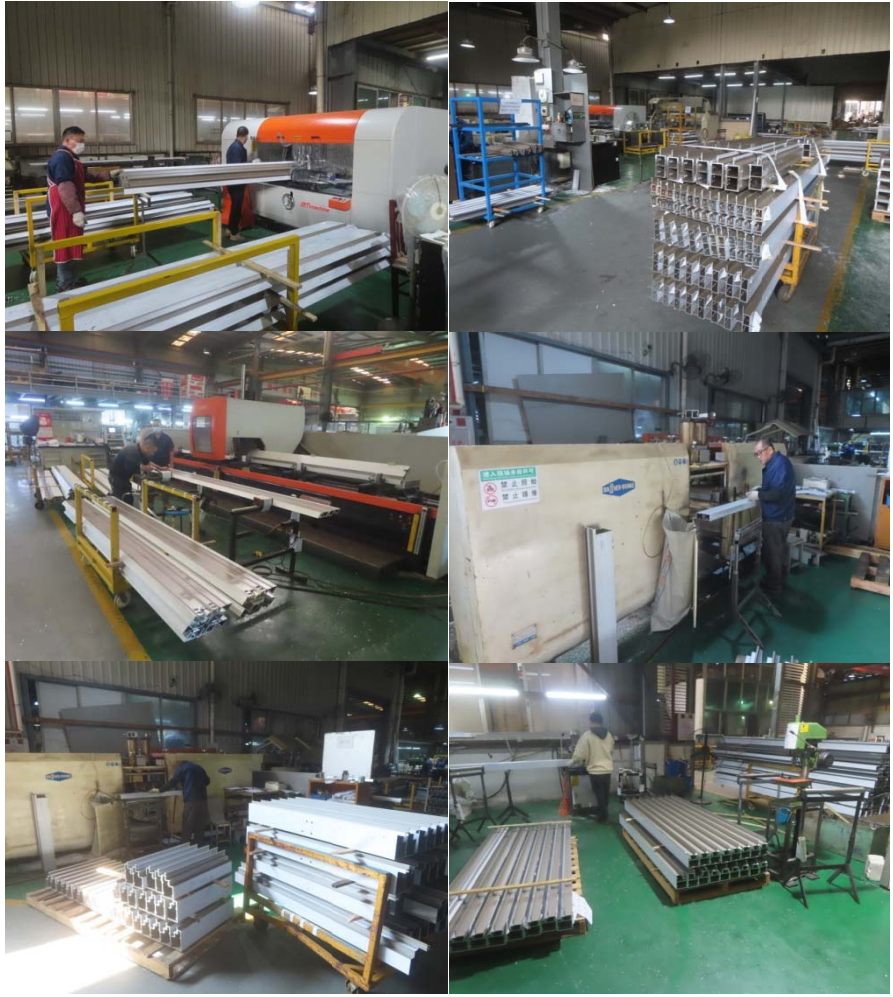


Photo 10

Item:
Observation

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



Action:
-

<p>Photo 11</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> General inspection of cleaning and degreasing process during fabrication</p>		
<p><u>Action:</u> -</p>		

<p>Photo 12</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> Check overall condition of chrome plated surface for Alum. extrusion X86256, X86284, X86255, X86254 during fabrication</p>		
<p><u>Action:</u> -</p>		

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

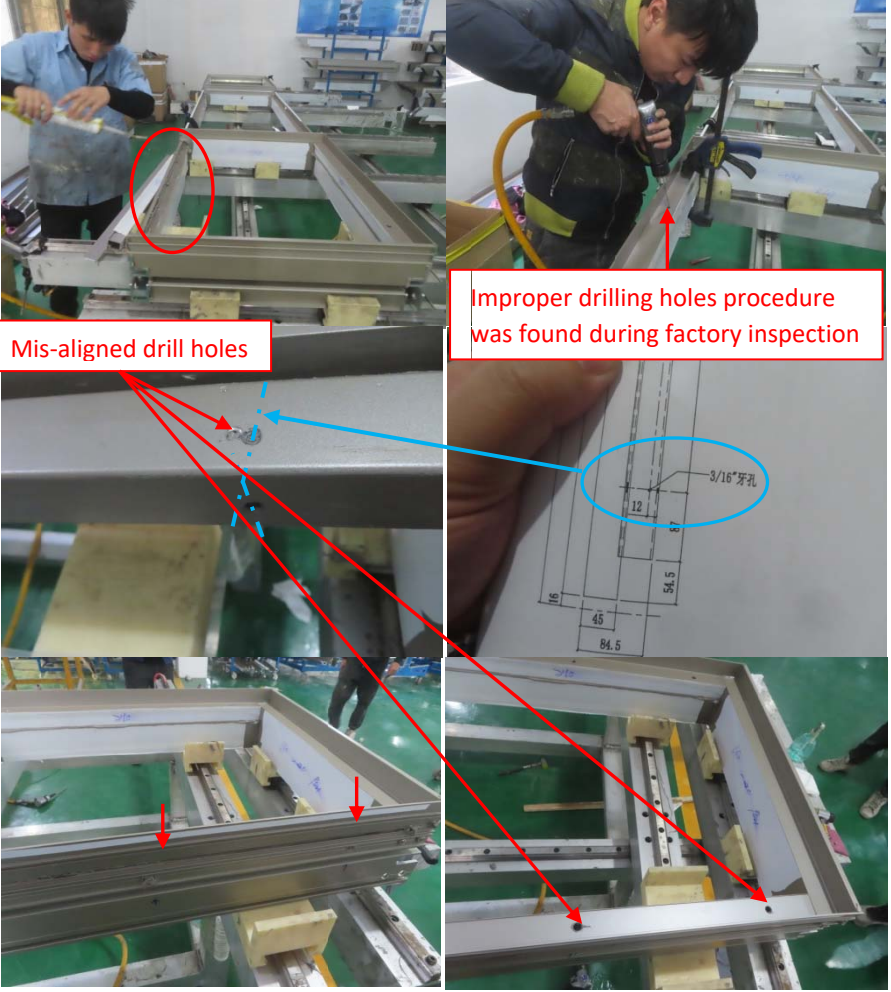
Item:
Observation

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

Action:
-



<p>Photo 15</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> Dimension check for mullion and transom after assembly work</p>		
<p><u>Action:</u> -</p>		






<p>Photo 16</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> Improper holes drilling procedure was found during factory inspection</p>		
<p><u>Action:</u> - MIDI is required to carry out their internal QA/QC method to improve workmanship for future works.</p>		

3 COMMENT, RECOMMENDATIONS AND REMINDER

- Temporary storage area may not be sufficient for LP11 facade project. MIDI is required to ensure storage area are enough and proper storage before peak production period.
- 12 out of 82 defective chrome plated finishing was found during factory inspection. MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works.
- Improper holes drilling procedure was found during factory inspection. MIDI is required to carry out their internal QA/QC method to improve workmanship for future works.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing overstress, permanent defection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23- 24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-05 Photo 13			
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th	2022-11-30	CF. Cheng
5 th	2022-12-12	CF. Cheng
5 th	2022-12-20	CF. Cheng

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)						組裝狀態						打膠狀態				包裝狀態				出貨狀態			
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	63	51	12	12	15	24	50	13	21	29	46	17	9	37	4	59	4	0
						總數量	已組裝數量	尚欠數量	18/11	21/11	25/11	已打膠數量	尚欠數量	21/11	25/11	已包裝數量	尚欠數量	21/11	25/11	已出貨數量	尚欠數量		
AF-021	1838	3300	6.06	24.26		4	0	4				0	4			0	4			0	4		
AF-022	1838	3250	5.97	5.97		1	0	1				0	1			0	1			0	1		
AF-025	1425	3300	4.70	18.81		4	4	0		2	2	4	0		4	4	0		4	0	4		
AF-026	1425	3250	4.63	4.63		1	1	0			1	1	0		1	0	1			0	1		
AF-029	1631	3300	5.38	10.76		2	2	0		2		2	0		2	2	0		2	0	2		
AF-047	700	3300	2.31	4.62		2	2	0		2		2	0		2	2	0		2	0	2		
AF-055	700	3250	2.28	4.55		2	2	0			2	2	0		2	2	0		2	0	2		
AF-056	700	3250	2.28	2.28		1	1	0			1	1	0		1	0	1			0	1		
AF-064	765	3250	2.49	2.49		1	0	1				0	1			0	1			0	1		
AF-079	1838	3300	6.06	6.06		1	0	1				0	1			0	1			0	1		
AF-081	1425	3300	4.70	4.70		1	1	0			1	1	0		1	1	0		1	0	1		
AF-084	1631	3300	5.38	5.38		1	1	0		1		1	0		1	1	0		1	0	1		
AF-095	700	3300	2.31	2.31		1	1	0		1		1	0		1	1	0		1	0	1		
AF-150	983	2195	2.16	2.16		1	1	0		1		0	1			0	1			0	1		
AF-152	1013	2195	2.22	2.22		1	1	0		1		1	0		1	1	0		1	0	1		
AF-153	1013	2195	2.22	2.22		1	1	0		1		1	0		1	1	0		1	0	1		
AF-160	1245	1270	1.58	1.58		1	1	0		1		1	0		1	1	0		1	0	1		1
AF-161	700	1270	0.89	0.89		1	1	0		1		1	0		1	1	0		1	0	1		
AF-162	700	1270	0.89	0.89		1	1	0		1		1	0		1	1	0		1	0	1		
AF-163	1631	1270	2.07	2.07		1	1	0		1		1	0		1	1	0		1	0	1		
AF-164	681	1270	0.86	0.86		1	1	0		1		1	0		1	1	0		1	0	1		
AF-165	1363	1270	1.73	1.73		1	1	0		1		1	0		1	1	0		1	0	1		
AS-01	700	3300	2.31	11.55		5	5	0			5	5	0		5	4	1		4	0	5		
AS-03	700	3300	2.31	11.55		5	5	0			5	5	0		5	4	1		4	0	5		
AS-04	700	3300	2.31	6.93		3	3	0		3		3	0		3	3	0		3	0	3		
AS-07	700	3300	2.31	11.55		5	5	0			5	5	0		5	5	0		5	0	5		
AS-10	681	3300	2.25	6.74		3	3	0		2	1	3	0		3	3	0		2	1	0	3	
AS-12	765	3300	2.52	12.62		5	0	5				0	5			0	5			0	5		
AM-03	1363	3300	4.50	13.49		3	3	0		2	1	3	0		3	3	0		3	0	3		
AM-11	1245	3300	4.11	12.33		3	3	0		2	1	3	0		3	3	0		3	0	3		3

物料狀態	完成量	百分比	
	鋁料狀態	OK	
	配件狀態	OK	
	玻璃狀態	OK	
	鋁板狀態	OK	
	加工圖狀態	OK	

生產狀態	完成量	百分比	
	加工工序	部分轉角玉企在加工中	95.0%
	組框工序	51	81.0%
	注膠工序	50	79.4%
	裝架工序	46	73.0%
	出貨工序	4	6.3%

製表日期: 14-12-2022

J-858康城11期 幕牆單元件生產狀態 (Zone-2)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態								打膠狀態				包裝狀態				出貨狀態			
						60	36	24	6	5	12	13	0	0	60	0	0	0	60	0	0	0	60	0	0
						總數量	已組裝數量	尚欠數量	10/12	11/12	12/12	13/12	已打膠數量	尚欠數量	已包裝數量	尚欠數量	已出貨數量	尚欠數量							
AM-03	1363	3300	4.50	22.48		5	5	0	2		2	1	0	5	0	5	0	5							
AM-05	1363	3300	4.50	22.48		5	5	0	1	1	2	1	0	5	0	5	0	5							
AM-12	1300	3300	4.29	21.45		5	5	0		1	1	3	0	5	0	5	0	5							
AM-48	1363	3250	4.43	4.43		1	1	0		1			0	1	0	1	0	1							
AM-53	1363	3250	4.43	4.43		1	1	0		1			0	1	0	1	0	1							
AM-54	1300	3250	4.23	4.23		1	1	0		1			0	1	0	1	0	1							
AF-011	1857	3300	6.13	24.51		4	0	4					0	4	0	4	0	4							
AF-013	1857	3250	6.03	6.03		1	0	1					0	1	0	1	0	1							
AF-031	1747	3250	5.68	5.68		1	0	1					0	1	0	1	0	1							
AF-030	1747	3300	5.76	23.05		4	0	4					0	4	0	4	0	4							
AF-060	681	3250	2.21	2.21		1	1	0	1				0	1	0	1	0	1							
AF-062	681	3250	2.21	2.21		1	1	0	1				0	1	0	1	0	1							
AF-064	765	3250	2.49	2.49		1	0	1					0	1	0	1	0	1							
AF-065	765	3250	2.49	2.49		1	0	1					0	1	0	1	0	1							
AF-073	1857	3300	6.13	6.13		1	0	1					0	1	0	1	0	1							
AF-085	1747	3300	5.76	5.76		1	0	1					0	1	0	1	0	1							
AF-111	1012	582.5	0.59	0.59		1	1	0			1		0	1	0	1	0	1							
AF-113	1012	582.5	0.59	0.59		1	1	0			1		0	1	0	1	0	1							
AF-115	1012	582.5	0.59	0.59		1	1	0			1		0	1	0	1	0	1							
AF-122	1003	582.5	0.58	0.58		1	1	0			1		0	1	0	1	0	1							
AF-123	1003	582.5	0.58	0.58		1	1	0			1		0	1	0	1	0	1							
AF-124	1003	582.5	0.58	0.58		1	1	0			1		0	1	0	1	0	1							
AS-09	681	3300	2.25	11.24		5	5	0	1		2	2	0	5	0	5	0	5							
AS-10	681	3300	2.25	11.24		5	5	0			5		0	5	0	5	0	5							
AS-11	765	3300	2.52	12.62		5	0	5					0	5	0	5	0	5							
AS-13	765	3300	2.52	12.62		5	0	5					0	5	0	5	0	5							

物料狀態	完成量	百分比	生產狀態	完成量	百分比
	鋁料狀態	OK		加工工序	100.0%
	配件狀態	OK		組框工序	36 60.0%
	玻璃狀態	OK		注膠工序	0 0.0%
	鋁板狀態	OK		裝架工序	0 0.0%
	加工圖狀態	OK		出貨工序	0 0.0%

APPENDIX A

Die Mould Status 20221212



Item	Die no.	type	die status	試模料	預算檢測	已檢測	Remark
1	X86254	大鋁碼	合格	OK		1-Nov-22	合格
2	X86255	掛勾碼	合格	OK		7-Nov-22	合格
3	X86256	轉角掛勾碼	合格	OK		7-Nov-22	合格
5	X86279	水槽橫	合格	OK		4-Nov-22	合格
6	X86280	底橫	合格	OK		7-Nov-22	合格
7	X86281	生下梗中橫	合格	OK		7-Nov-22	合格
8	X86302	梗中梗	合格	OK		7-Nov-22	合格
9	X86308	Feature 中橫	合格	OK		4-Nov-22	合格
10	X86309	生中橫	合格	OK		4-Nov-22	合格
11	X86273	梗母企	合格	OK		11-Nov-22	合格
14	X86288	生母企	合格	OK		11-Nov-22	合格
15	X86277	生邊企	合格	OK		4-Nov-22	合格
16	X86278	梗邊企	合格	OK		11-Nov-22	合格
17	X86294	假生企	合格	OK		11-Nov-22	合格
22	X86303	水槽套芯	合格	OK		14-Nov-22	合格
23	X86289	浴室中橫	合格	OK		14-Nov-22	部分銹化問題
24	X86298	浴室橫料	合格	OK		14-Nov-22	合格
26	X86258	內介子	合格	OK		14-Nov-22	合格
27	X86259	90介子	合格	OK		14-Nov-22	合格
28	X86260	45介子	合格	OK		14-Nov-22	合格
29	X86261	52介子	合格	OK		14-Nov-22	合格
32	X86314	生下梗副框	合格	OK		15-Nov-22	合格
33	X86282	欄河槽	合格	OK		15-Nov-22	合格
34	X86284	企生窗玉	合格	OK		15-Nov-22	合格
40	X86285	企蝴蝶窗	合格	OK		15-Nov-22	合格
35	X86286	轉角欄河槽	合格	OK		15-Nov-22	合格
18	X86275	轉角梗公企	合格	OK		16-Nov-22	合格
19	X86276	轉角生母企	合格	OK		16-Nov-22	合格
13	X86274	生公企	合格	OK		16-Nov-22	合格
36	X86312	假企中橫	合格	OK		16-Nov-22	合格
37	X86313	死牆生企副框	合格	OK		16-Nov-22	合格
39	X86304	死牆轉角	合格	OK		16-Nov-22	合格
41	X86299	窗玉橫	合格	OK		16-Nov-22	合格
44	X86305	死牆梗	合格	OK		16-Nov-22	合格
46	X86310	死牆轉角副框	合格	OK		16-Nov-22	合格
47	X86311	生下梗 轉角副框	合格	OK		16-Nov-22	合格
20	X86295	轉角生公企	合格	OK		18-Nov-22	合格
12	X86272	梗公企	合格	OK		21-Nov-22	合格
43	X86301	60 Cap	合格	OK		21-Nov-22	合格
55	X86318	幕牆窗玉角	合格	OK		25-Nov-22	合格
53	X86316	轉角interlock	合格	OK		25-Nov-22	合格
54	X86317	室內收口之字扣碼	合格	OK		25-Nov-22	合格
31	X86283	4205 Cap	合格	OK		30-Nov-22	合格
42	X86300	5705 Cap	合格	OK		30-Nov-22	合格
45	X86306	Feature Adaptor	合格	OK		30-Nov-22	合格
4	X86257	掛碼卡腳	合格	OK	銹化問題		
30	X86266	掛碼卡腳	合格	OK	銹化問題		
38	X86351	企轉角生窗玉	合格	OK	12-Dec-22		
21	X86296	轉角梗母企	合格	OK	12-Dec-22		
25	X86307	Feature	合格	OK	12-Dec-22		
52	X86315	鋁板角	合格	OK			
56	X86319	鋁板加力骨	合格	OK	1/3/2023		
48	X86290	GC企	合格	OK	1/3/2023		
49	X86292	GC頂橫	合格	OK	1/3/2023		
50	X86291	GC中橫	合格	OK	1/3/2023		
51	X86293	GC底橫	合格	OK	1/3/2023		
57	X86287	鋁板角	合格	OK	1/3/2023		
58	H122785	滑快	合格	OK			

日出康城工程
鋁型材檢查進度

鋁型材問題	
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Item	Die no.	type	die status	試模料	預算檢測	已檢測	Remark
60	X86321	邊企室內蓋(大)	合格	OK	12/23/2022		
61	X86322	趟門生企框	合格	OK	12/23/2022		
62	X86323	轆底墊巴	合格	OK	12/23/2022		
63	X86324	門拉手蓋	合格	OK	12/23/2022		
64	X86325	趟門路軌	合格	OK	12/23/2022		
65	X86326	基仔位橫料	合格	OK	12/23/2022		
66	X86327	門玉企鎖扣	合格	OK	12/23/2022		
67	X86328	門玉企鎖扣蓋	合格	OK	12/23/2022		
68	X86329	橫料滴水線	合格	OK	12/28/2022		
69	X86330	趟門底橫	合格	OK	12/28/2022		
70	X86331	趟門底副框	合格	OK	12/28/2022		
71	X86332	趟門頂橫	合格	OK	12/28/2022		
72	X86333	門拉手	合格	OK	12/28/2022		
73	X86334	趟門梗企框	合格	OK	12/28/2022		
74	X86335	基仔位橫料蓋	合格	OK	12/28/2022		
75	X86336	趟門底生位扣蓋	合格	OK	12/30/2022		
76	X86337	門框企鎖扣	合格	OK	12/30/2022		
77	X86339	邊企壓板(小)	合格	OK	12/30/2022		
78	X86340	中企壓板	合格	OK	12/30/2022		
79	X86341	邊企壓板(大)	合格	OK	12/30/2022		
80	X86342	邊企室內蓋(小)	合格	OK	12/30/2022		
81	X86343	生門玉企料	合格	OK	12/30/2022		
82	X86344	生門玉企及頂底料	合格	OK	12/30/2022		
83	X86345	梗門玉料	合格	OK	1/3/2023		
84	X86346	玻璃線	合格	OK	1/3/2023		
85	I711	通用料	合格	OK		1-Nov-22	



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 06



Inspection Date: 20th December 2022
Issue Date: 24th December 2022

Report Reference: 60646872-FI-R-06

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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2 OBSERVATIONS.....	2
2.1 Status	2
2.2 Photographic Record	2
3 COMMENT, RECOMMENDATIONS AND REMINDER.....	10
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5 INSPECTION SCHEDULE	12

Appendix

Appendix A- details of fabrication progress

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	20 th December 2022
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- Progress of assembly work for first log unitized panels (Zone 1) remains unchanged since last factory inspection on 30-Nov-2022, please refer to Appendix A - details of fabrication progress;
- Materials cutting, milling and drilling of extrusions were completed (second log 60 nos. of unitized panels for Zone 2), details please refer to Appendix A;
- Fit-up assembly of Mullion and Transom were completed (Second log unitized panels) , details please refer to Appendix A;
- Application of structure sealant for glazing was in progress and 13 out of 60 (Second log unitized panels) was completed
- Water test of 2 numbers unitized panels this week (Total : 7 out of 63 completed)
 - 15F-T1A-CW4_AS-10 Water leakage was found
 - 16F-T1A-CW4_AS-10 Water leakage was found

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For *Comments, Recommendation and Reminders* please refer to *Section 3*.
- 2) For *Summary table of finding and remedial action* please refer to *Section 4*.
- 3) For *Inspection Schedule*, please refer to *Section 5* at the end of this report.

Photo 1

Item:
Observation

Description:
General view of assembly line for fixing of Transom and Mullion

Action:
-



Photo 2

Item:
Observation

Description:
General inspection and final cleaning of back panel prior fixing of glazing

Action:
-

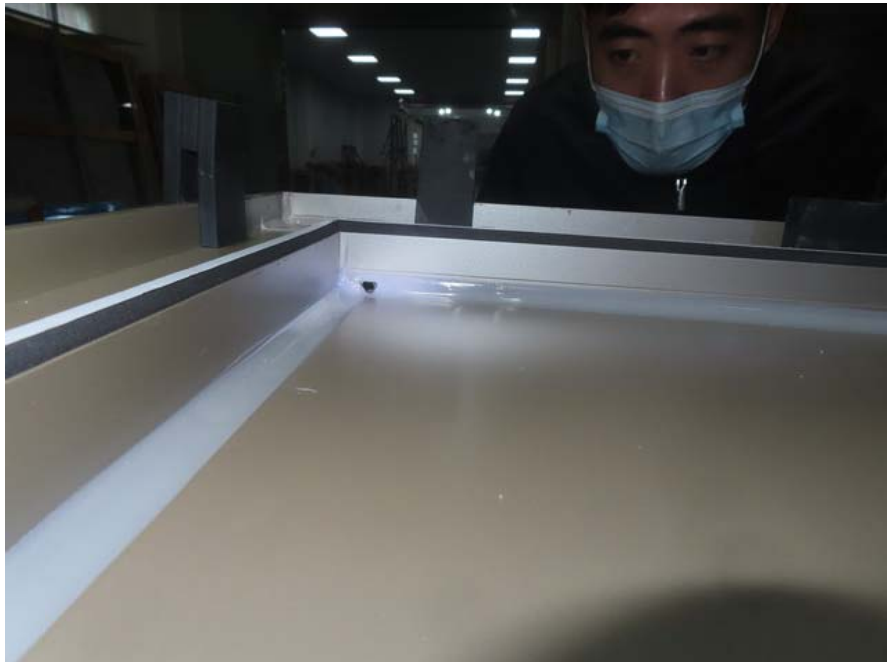


Photo 3

Item:
Observation

Description:
Final cleaning of back panel prior fixing of glazing

Action:
-



Photo 4

Item:
Observation

Description:
Application of structural sealant in progress

Action:
-



Photo 5

Item:
Observation

Description:
Application of structural sealant in progress

Action:
-



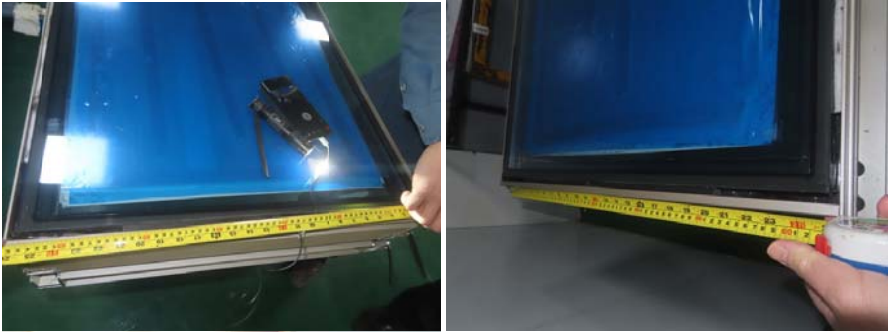




Photo 6

Item:
Observation

Description:
Samples for sealant test for Zone 2 unitized panels

Action:
-



<p>Photo 7</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> Dimension checking during fabrication works</p>		
<p><u>Action:</u> -</p>		
<p>Photo 8</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> The sealant between screw holes and screws / Mullion & Transom interface were observed to comply with requirement</p>		
<p><u>Action:</u> -</p>		

<p>Photo 9</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Final cleaning and fixing of cap</p>	
<p><u>Action:</u> -</p>	

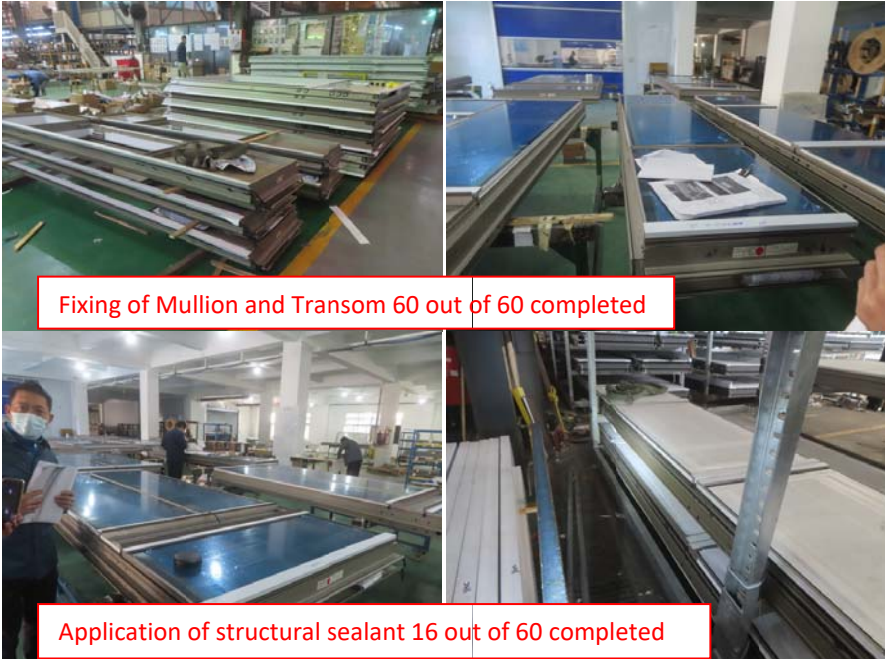
<p>Photo 10</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> General view of production line for Zone 2 unitized panels</p>	
<p><u>Action:</u> -</p>	<p>Fixing of Mullion and Transom 60 out of 60 completed</p> <p>Application of structural sealant 16 out of 60 completed</p>

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



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

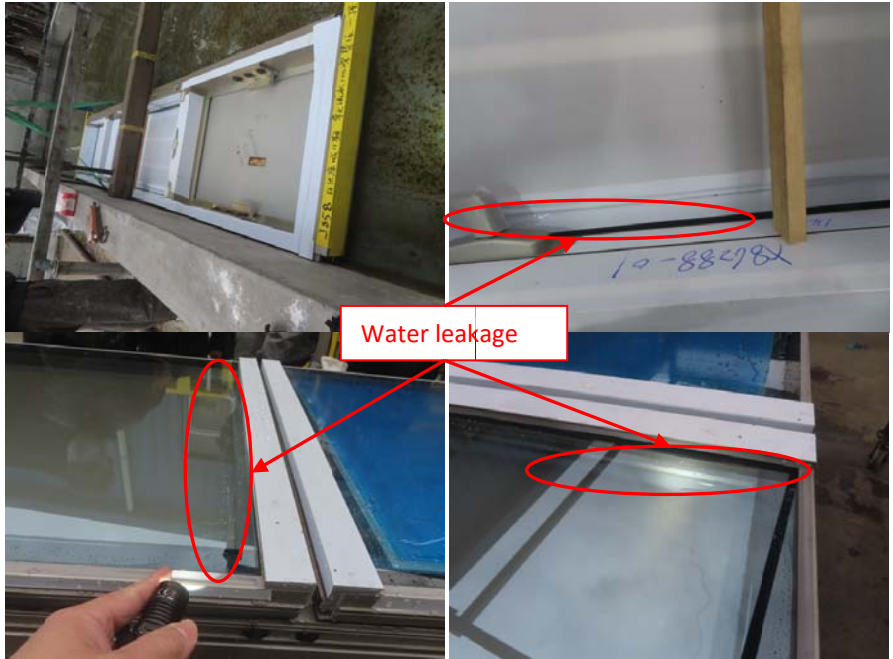


Photo 13

Item:
Observation

Description:
QC record for water flooding test

Action:

幕墙單元件試水檢驗記錄表

工程名稱: 香港國際機場三期 工程編號: J203		報告編號: 08958-081	
品控員簽名: 田國強 檢驗日期: 2022.12.20		加工廠編號: E15272	
審核人簽名: 田國強 簽名日期:		加工廠次: 1111	
單元件編號: 12-10		樓層編號: 15F-井4	
數量: 1		檢驗結果: 溢水	

檢測要求: 單元件浸入水中深100mm, 各位置不可滲漏

溢水深度: 100mm
溢水時間: 15分鐘

單元件編號: 12-10		樓層編號: 15F-井4	
數量: 1		檢驗結果:	

檢測要求: 單元件浸入水中深100mm, 各位置不可滲漏

溢水時間: 10分鐘
溢水深度: 100mm











备注: 1. 檢驗結果合格在相應欄內打“√”, 2. 檢驗結果不合格在相應欄內打“X”, 并于空白位註明滲水位置,
 3. 保證入水深度100mm, 浸泡時間10分鐘, 4. 根據單元件實狀于框上作線, 滲水點以大寫字母表示。

3 COMMENT, RECOMMENDATIONS AND REMINDER

- Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 and 15F-T1A-CW4_AS-10 respectively. MIDI is required to carry out their internal QA/QC method to improve workmanship for future works

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23-24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-05 Photo 13			
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16			
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 11			
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th	2022-11-30	CF. Cheng
5 th	2022-12-12	CF. Cheng
6 th	2022-12-20	CF. Cheng
7 th	2022-12-28	CF. Cheng

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)						組裝狀態					打膠狀態				包裝狀態				出貨狀態				
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	63	51	12	12	15	24	50	13	21	29	46	17	9	37	4	59	4	0
						總數量	已組裝數量	尚欠數量	18/11	21/11	25/11	已打膠數量	尚欠數量	21/11	25/11	已包裝數量	尚欠數量	21/11	25/11	已出貨數量	尚欠數量		
AF-021	1838	3300	6.06	24.26		4	0	4				0	4			0	4			0	4		
AF-022	1838	3250	5.97	5.97		1	0	1				0	1			0	1			0	1		
AF-025	1425	3300	4.70	18.81		4	4	0		2	2	4	0		4	4	0		4	0	4		
AF-026	1425	3250	4.63	4.63		1	1	0			1	1	0		1	0	1			0	1		
AF-029	1631	3300	5.38	10.76		2	2	0	2			2	0	2	1	2	0	2		0	2		
AF-047	700	3300	2.31	4.62		2	2	0	2			2	0	2		2	0	2		0	2		
AF-055	700	3250	2.28	4.55		2	2	0			2	2	0		2	2	0		2	0	2		
AF-056	700	3250	2.28	2.28		1	1	0			1	1	0		1	0	1			0	1		
AF-064	765	3250	2.49	2.49		1	0	1				0	1			0	1			0	1		
AF-079	1838	3300	6.06	6.06		1	0	1				0	1			0	1			0	1		
AF-081	1425	3300	4.70	4.70		1	1	0			1	1	0		1	1	0		1	0	1		
AF-084	1631	3300	5.38	5.38		1	1	0	1			1	0	1	1	1	0	1		0	1		
AF-095	700	3300	2.31	2.31		1	1	0	1			1	0	1	1	1	0	1		0	1		
AF-150	983	2195	2.16	2.16		1	1	0		1		0	1			0	1			0	1		
AF-152	1013	2195	2.22	2.22		1	1	0		1		1	0		1	1	0		1	0	1		
AF-153	1013	2195	2.22	2.22		1	1	0		1		1	0		1	1	0		1	0	1		
AF-160	1245	1270	1.58	1.58		1	1	0		1		1	0	1	1	1	0		1	1	0	1	
AF-161	700	1270	0.89	0.89		1	1	0		1		1	0	1	1	1	0	1		0	1		
AF-162	700	1270	0.89	0.89		1	1	0		1		1	0	1	1	1	0	1		0	1		
AF-163	1631	1270	2.07	2.07		1	1	0		1		1	0	1	1	1	0	1		0	1		
AF-164	681	1270	0.86	0.86		1	1	0		1		1	0	1	1	1	0	1		0	1		
AF-165	1363	1270	1.73	1.73		1	1	0	1			1	0	1		1	0	1		0	1		
AS-01	700	3300	2.31	11.55		5	5	0			5	5	0		5	4	1		4	0	5		
AS-03	700	3300	2.31	11.55		5	5	0			5	5	0		5	4	1		4	0	5		
AS-04	700	3300	2.31	6.93		3	3	0	3			3	0	3	3	0		3	0	3			
AS-07	700	3300	2.31	11.55		5	5	0			5	5	0		5	5	0		5	0	5		
AS-10	681	3300	2.25	6.74		3	3	0	2	1		3	0	3	3	0	2	1		0	3		
AS-12	765	3300	2.52	12.62		5	0	5				0	5			0	5			0	5		
AM-03	1363	3300	4.50	13.49		3	3	0		2	1	3	0	3	3	0		3	0	3			
AM-11	1245	3300	4.11	12.33		3	3	0		2	1	3	0	3	3	0		3	0	3		3	

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	部分轉角玉企在加工中	95.0%
	配件狀態	OK		組框工序	51	81.0%
	玻璃狀態	OK		注膠工序	50	79.4%
	鋁板狀態	OK		裝架工序	46	73.0%
	加工圖狀態	OK		出貨工序	4	6.3%

製表日期: 14-12-2022

J-858康城11期 幕牆單元件生產狀態 (Zone-2)						組裝狀態										打膠狀態						包裝狀態				出貨狀態							
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	60	60	0	6	5	12	13	2	4	6	10	2	0	16	44	4	2	10	0	0	0	60	0	0	0	60	0	0
						總數量	已組裝數量	尚欠數量	10/12	11/12	12/12	13/12	15/12	17/12	18/12	19/12	20/12	已打膠數量	尚欠數量	15/12	18/12	20/12	已包裝數量	尚欠數量	已出貨數量	尚欠數量							
AM-03	1363	3300	4.50	22.48		5	5	0	2		2	1						2	3			2			0	5	0	5	0	5	0	5	
AM-05	1363	3300	4.50	22.48		5	5	0	1	1	2	1						4	1			2	2		0	5	0	5	0	5	0	5	
AM-12	1300	3300	4.29	21.45		5	5	0		1	1	3						0	5						0	5	0	5	0	5	0	5	
AM-48	1363	3250	4.43	4.43		1	1	0		1								1	0		1				0	1	0	1	0	1	0	1	
AM-53	1363	3250	4.43	4.43		1	1	0		1								1	0		1				0	1	0	1	0	1	0	1	
AM-54	1300	3250	4.23	4.23		1	1	0		1								1	0		1				0	1	0	1	0	1	0	1	
AF-011	1857	3300	6.13	24.51		4	4	0							4			0	4						0	4	0	4	0	4	0	4	
AF-013	1857	3250	6.03	6.03		1	1	0				1						0	1						0	1	0	1	0	1	0	1	
AF-031	1747	3250	5.68	5.68		1	1	0								1		0	1						0	1	0	1	0	1	0	1	
AF-030	1747	3300	5.76	23.05		4	4	0							4			0	4						0	4	0	4	0	4	0	4	
AF-060	681	3250	2.21	2.21		1	1	0	1									0	1						0	1	0	1	0	1	0	1	
AF-062	681	3250	2.21	2.21		1	1	0	1									1	0		1				0	1	0	1	0	1	0	1	
AF-064	765	3250	2.49	2.49		1	1	0				1						0	1						0	1	0	1	0	1	0	1	
AF-065	765	3250	2.49	2.49		1	1	0							1			0	1						0	1	0	1	0	1	0	1	
AF-073	1857	3300	6.13	6.13		1	1	0								1		0	1						0	1	0	1	0	1	0	1	
AF-085	1747	3300	5.76	5.76		1	1	0								1		0	1						0	1	0	1	0	1	0	1	
AF-111	1012	582.5	0.59	0.59		1	1	0				1						0	1						0	1	0	1	0	1	0	1	
AF-113	1012	582.5	0.59	0.59		1	1	0				1						0	1						0	1	0	1	0	1	0	1	
AF-115	1012	582.5	0.59	0.59		1	1	0				1						0	1						0	1	0	1	0	1	0	1	
AF-122	1003	582.5	0.58	0.58		1	1	0				1						0	1						0	1	0	1	0	1	0	1	
AF-123	1003	582.5	0.58	0.58		1	1	0				1						0	1						0	1	0	1	0	1	0	1	
AF-124	1003	582.5	0.58	0.58		1	1	0				1						0	1						0	1	0	1	0	1	0	1	
AS-09	681	3300	2.25	11.24		5	5	0	1		2	2						3	2			3			0	5	0	5	0	5	0	5	
AS-10	681	3300	2.25	11.24		5	5	0			5							3	2			3			0	5	0	5	0	5	0	5	
AS-11	765	3300	2.52	12.62		5	5	0					4	1				0	5						0	5	0	5	0	5	0	5	
AS-13	765	3300	2.52	12.62		5	5	0						4		1		0	5						0	5	0	5	0	5	0	5	

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	100.0%	
	配件狀態	OK		組框工序	60	100.0%
	玻璃狀態	OK		注膠工序	16	26.7%
	鋁板狀態	OK		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

製表日期: 14-12-2022



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 07



Inspection Date: 4th January 2023
Issue Date: 9th January 2023

Report Reference: 60646872-FI-R-07

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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1.2 General Information	1
2 OBSERVATIONS.....	2
2.1 Status	2
2.2 Photographic Record	2
3 COMMENT, RECOMMENDATIONS AND REMINDER.....	11
4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION	12
5 INSPECTION SCHEDULE	14

Appendix

Appendix A- details of fabrication progress

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	04 th January 2023
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- Progress of assembly work for first log unitized panels (Zone 1) remains unchanged since last factory inspection on 30-Nov-2022, please refer to Appendix A - details of fabrication progress;
- Materials cutting, milling and drilling of extrusions were completed (3rd log 97 nos. of unitized panels for Zone 3 & 4), details please refer to Appendix A;
- Fit-up assembly of Mullion and Transom were completed (2nd log unitized panels) , details please refer to Appendix A;
- Application of structure sealant for glazing was in progress and 42 out of 60 (2nd log unitized panels) was completed
- Quality and dimension checking of 2nd log unitized panel 16F-T1ACW5-AS-09 for Zone M02 after fixing of glass panels
- Water test for 2nd log unitized panels

➤ 15F-T1A-CW4_AS-10	Water leakage not yet repaired (Last inspection)
➤ 16F-T1A-CW4_AS-10	Water leakage not yet repaired (Last inspection)
➤ 12F-T1A-CW4_AM012	No Water leakage
➤ 10F-T1A-CW4_AS10	No Water leakage
➤ 10F-T1A-CW4_AM-12	Water leakage was found
➤ 16F-T1A-CW5_AS-09	Water leakage was found
➤ 16F-T1A-CW4_AM12	Water leakage was found

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For *Comments, Recommendation and Reminders* please refer to *Section 3*.
- 2) For *Summary table of finding and remedial action* please refer to *Section 4*.
- 3) For *Inspection Schedule*, please refer to *Section 5* at the end of this report.

Photo 1

Item:
Observation

Description:
General view of first log unitized panels for Zone M01(1st log)

Action:

-



Photo 2

Item:
Observation

Description:
Fit-up assembly of Corner Mullion and Transom for Zone M02

Action:

-



Photo 3

Item:
Observation

Description:
Defective gasket was found during factory inspection for Zone M02

Action:
- MIDI is required to replace the defective gasket

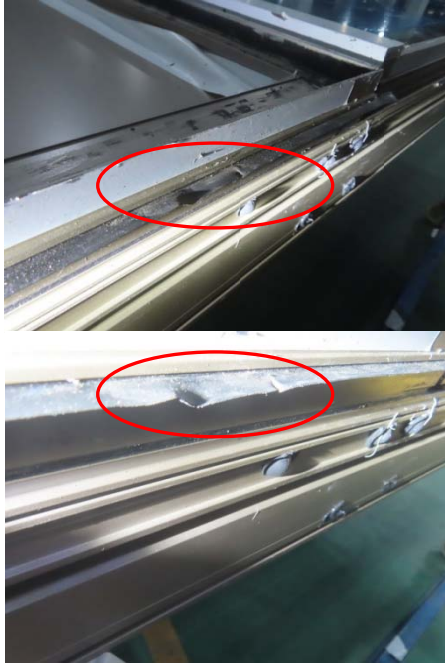


Photo 4

Item:
Observation

Description:
18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion

Action:
- MIDI is required to carry out remedial works before fixing of glass panels

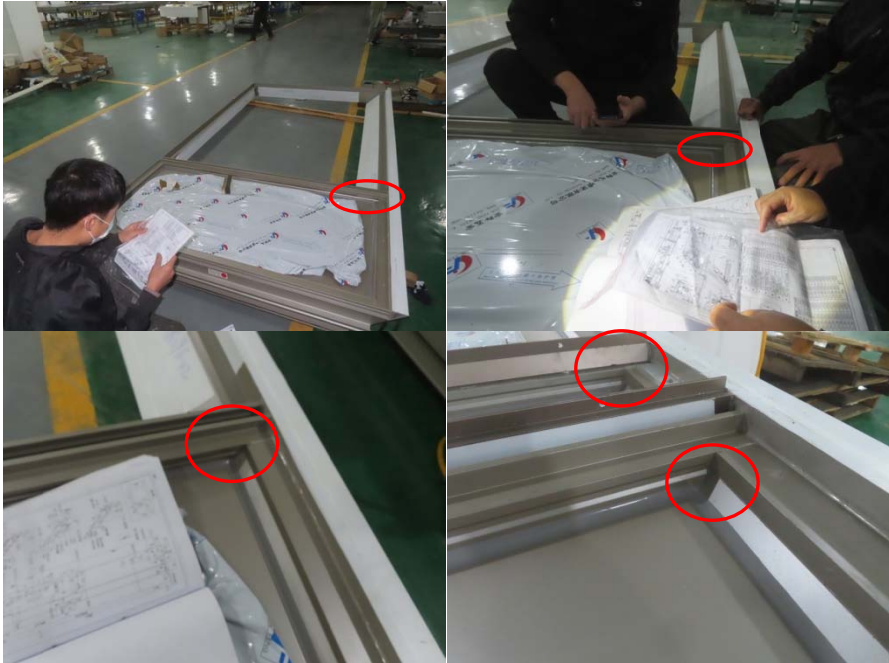


Photo 5

Item:
Observation

Description:
General inspection of inter-connection of mullion and transom and overall sealant condition

Action:
-



Photo 6

Item:
Observation

Description:
General inspection of second log 42 nos. of unitized panels for Zone M02 after fixing of glass panels

Action:
-



<p>Photo 7</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> General inspection of Aluminium extrusion for 4th log unitized panels (T2 9-11/F)</p>	
<p><u>Action:</u> -</p>	
<p>Photo 8</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> General inspection of Aluminium extrusion for 3rd log unitized panels (Zone 3 & 4) prior materials cutting, drilling and punching</p>	
<p><u>Action:</u> -</p>	

Photo 9

Item:
Observation

Description:
General inspection of Aluminium extrusion for 3rd log unitized panels (Zone 3 & 4) during materials cutting, drilling and punching

Action:
-



Photo 10

Item:
Observation

Description:
Water flooding test for Panel number 12F-T1A CW4-AM012

Action:
-



Photo 11

Item:
Observation

Description:
Water flooding test for Panel number 10F-T1A CW4-AS10

Action:
-

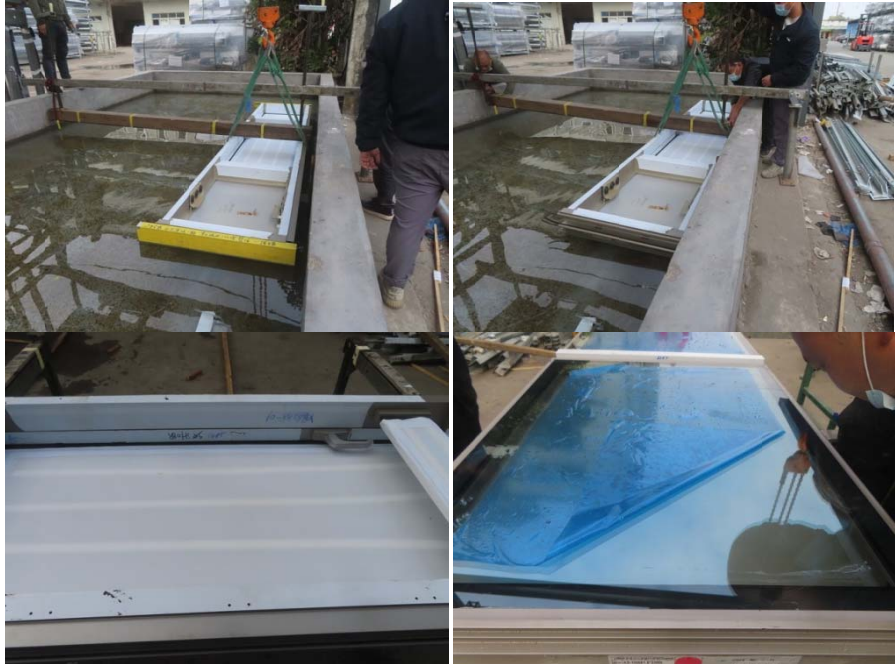


Photo 12

Item:
Observation

Description:
Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12

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



Photo 13

Item:
Observation

Description:
Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09

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



Photo 14

Item:
Observation

Description:
Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12

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



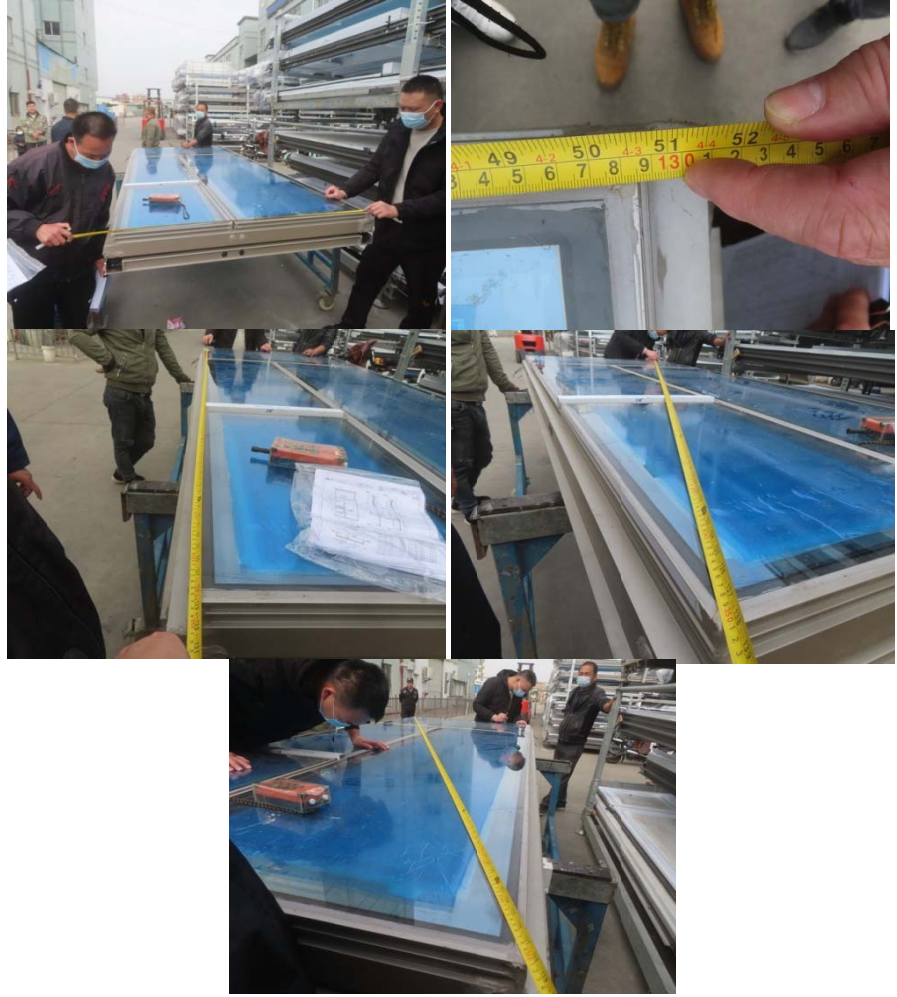
Photo 15

Item:
Observation

Description:
Quality and dimension checking of second log unitized panel 16F-T1ACW5-AS-09 for Zone M02 after fixing of glass panels

Action:

-









3 COMMENT, RECOMMENDATIONS AND REMINDER




- Defective gasket was found during factory inspection for Zone M02, MIDI is required to replace the defective gasket;
- 18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion, MIDI is required to carry out remedial works before fixing of glass panels;
- Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12, 16F-T1ACW5-AS-09 and 16F-T1A CW4-AM12 respectively. MIDI is required to carry out their internal QA/QC method to improve workmanship for future works

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Accom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing over stress, permanent deflection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23- 24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-06 Photo 11			
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16			
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 16			
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12			
11	Defective gasket was found during factory inspection for Zone M02 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 03			
12	18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion 	MIDI is required to carry out remedial works before fixing of glass panels	Report-R-07 Photo 04			

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
13	Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 12			
14	Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 13			
15	Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 14			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th	2022-11-30	CF. Cheng
5 th	2022-12-12	CF. Cheng
6 th	2022-12-20	CF. Cheng
7 th	2023-01-04	CF. Cheng
8 th	TBC	

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)					組裝狀態				打膠狀態				包裝狀態				出貨狀態					
單元編號	寬度 mm	高度 mm	單件 面積	總面積	備註	63	63	0	7	3	63	0	29	13	58	5	37	12	4	59	4	0
						總數量	已組裝 數量	尚欠 數量	17/12	19/12	已打膠 數量	尚欠 數量	25/11	21/12	已包裝 數量	尚欠 數量	25/11	21/12	已出貨 數量	尚欠 數量		
AF-021	1838	3300	6.06	24.26		4	4	0	2		4	0	4		4	0	4		0	4		
AF-022	1838	3250	5.97	5.97		1	1	0		1	1	0		1	1	0	1		0	1		
AF-025	1425	3300	4.70	18.81		4	4	0			4	0	4		4	0	4		0	4		
AF-026	1425	3250	4.63	4.63		1	1	0			1	0	1		1	0	1		0	1		
AF-029	1631	3300	5.38	10.76	有新圖紙改倉,加工中	2	2	0			2	0			2	0			0	2		
AF-047	700	3300	2.31	4.62	有新圖紙改倉,加工中	2	2	0			2	0			2	0			0	2		
AF-055	700	3250	2.28	4.55		2	2	0			2	0	2		2	0	2		0	2		
AF-056	700	3250	2.28	2.28		1	1	0			1	0	1		1	0	1		0	1		
AF-064	765	3250	2.49	2.49		1	1	0		1	1	0		1	1	0		1	0	1		
AF-079	1838	3300	6.06	6.06		1	1	0		1	1	0		1	1	0		1	0	1		
AF-081	1425	3300	4.70	4.70		1	1	0			1	0	1		1	0	1		0	1		
AF-084	1631	3300	5.38	5.38	有新圖紙改倉,加工中	1	1	0			1	0			1	0			0	1		
AF-095	700	3300	2.31	2.31	有新圖紙改倉,加工中	1	1	0			1	0			1	0			0	1		
AF-150	983	2195	2.16	2.16		1	1	0			1	0		1	1	0		1	0	1		
AF-152	1013	2195	2.22	2.22		1	1	0			1	0	1		1	0	1		0	1		
AF-153	1013	2195	2.22	2.22		1	1	0			1	0	1		1	0	1		0	1		
AF-160	1245	1270	1.58	1.58		1	1	0			1	0		1	1	0	1		1	0		1
AF-161	700	1270	0.89	0.89	有新圖紙改倉,加工中	1	1	0			1	0			1	0			0	1		
AF-162	700	1270	0.89	0.89		1	1	0			1	0		1	1	0	1		0	1		
AF-163	1631	1270	2.07	2.07	有新圖紙改倉,加工中	1	1	0			1	0			1	0	1		0	1		
AF-164	681	1270	0.86	0.86		1	1	0			1	0		1	1	0	1		0	1		
AF-165	1363	1270	1.73	1.73		1	1	0			1	0		1	1	0	1		0	1		
AS-01	700	3300	2.31	11.55		5	5	0			5	0	5		5	0	4	1	0	5		
AS-03	700	3300	2.31	11.55		5	5	0			5	0	5		5	0	4	1	0	5		
AS-04	700	3300	2.31	6.93		3	3	0			3	0		3	0	3		0	3			
AS-07	700	3300	2.31	11.55		5	5	0			5	0	5		5	0	5		0	5		
AS-10	681	3300	2.25	6.74		3	3	0			3	0		3	0	1		0	3			
AS-12	765	3300	2.52	12.62		5	5	0	5		5	0	5		0	5		0	5			
AM-03	1363	3300	4.50	13.49		3	3	0			3	0		3	0	3		0	3			
AM-11	1245	3300	4.11	12.33		3	3	0			3	0	3		3	0	3		3	0		3

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	63	100%
	配件狀態	OK		組框工序	63	100%
	玻璃狀態	OK		注膠工序	63	100%
	鋁板狀態	OK		裝架工序	58	92%
	加工圖狀態	OK		出貨工序	4	6%

8幅有新圖紙改倉, 在加工中

製表日期: 09-01-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-2)

					組裝狀態					打膠狀態				包裝狀態				出貨狀態						
單元編號	寬度 mm	高度 mm	單件面積	總面積	#####	備註	60	60	0	12	12	0	42	18	8	0	0	60	0	0	0	60	0	0
							總數量	已組裝數量	尚欠數量	18/12	19/12		已打膠數量	尚欠數量	08/01		已包裝數量	尚欠數量			已出貨數量	尚欠數量		
AM-03	1363	3300	4.50	22.48			5	5	0				5	0			0	5			0	5		
AM-05	1363	3300	4.50	22.48			5	5	0				5	0			0	5			0	5		
AM-12	1300	3300	4.29	21.45			5	5	0				5	0			0	5			0	5		
AM-48	1363	3250	4.43	4.43			1	1	0				1	0			0	1			0	1		
AM-53	1363	3250	4.43	4.43			1	1	0				1	0			0	1			0	1		
AM-54	1300	3250	4.23	4.23			1	1	0				1	0			0	1			0	1		
AF-011	1857	3300	6.13	24.51			4	4	0		4		0	4			0	4			0	4		
AF-013	1857	3250	6.03	6.03			1	1	0	1			0	1			0	1			0	1		
AF-031	1747	3250	5.68	5.68			1	1	0		1		0	1			0	1			0	1		
AF-030	1747	3300	5.76	23.05			4	4	0		4		0	4			0	4			0	4		
AF-060	681	3250	2.21	2.21			1	1	0				1	0			0	1			0	1		
AF-062	681	3250	2.21	2.21			1	1	0				1	0			0	1			0	1		
AF-064	765	3250	2.49	2.49			1	1	0	1			0	1			0	1			0	1		
AF-065	765	3250	2.49	2.49			1	1	0	1			1	0	1		0	1			0	1		
AF-073	1857	3300	6.13	6.13			1	1	0		1		0	1			0	1			0	1		
AF-085	1747	3300	5.76	5.76			1	1	0		1		0	1			0	1			0	1		
AF-111	1012	582.5	0.59	0.59			1	1	0				1	0			0	1			0	1		
AF-113	1012	582.5	0.59	0.59			1	1	0				1	0			0	1			0	1		
AF-115	1012	582.5	0.59	0.59			1	1	0				1	0			0	1			0	1		
AF-122	1003	582.5	0.58	0.58			1	1	0				1	0			0	1			0	1		
AF-123	1003	582.5	0.58	0.58			1	1	0				1	0			0	1			0	1		
AF-124	1003	582.5	0.58	0.58			1	1	0				1	0			0	1			0	1		
AS-09	681	3300	2.25	11.24			5	5	0				5	0			0	5			0	5		
AS-10	681	3300	2.25	11.24			5	5	0				3	2			0	5			0	5		
AS-11	765	3300	2.52	12.62			5	5	0	5			4	1	4		0	5			0	5		
AS-13	765	3300	2.52	12.62			5	5	0	4	1		3	2	3		0	5			0	5		

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	OK
	鋁板狀態	OK
	加工圖狀態	OK

生產狀態	完成量	百分比
	加工工序	60 100.0%
	組框工序	60 100.0%
	注膠工序	42 70.0%
	裝架工序	0 0.0%
	出貨工序	0 0.0%

製表日期: 09-01-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-3&4)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態				打膠狀態				包裝狀態				出貨狀態									
						97 總數量	0 已組裝 數量	97 尚欠 數量	0	0	0	0	0	97 已打膠 數量	0 尚欠 數量	0	0	0	0	0	97 已包裝 數量	0 尚欠 數量	0	0	0	0	0
AF-001	1830	3300	6.04	24.16		4	0	4	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	4	0	4
AF-002	1830	3250	5.95	5.95		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-005	1563	3300	5.16	20.63		4	0	4	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	4	0	4
AF-006	1563	3250	5.08	5.08		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-009	1309	3300	4.32	8.64		2	0	2	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2
AF-010	1699	3300	5.61	11.21		2	0	2	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2
AF-011	1857	3300	6.13	24.51		4	0	4	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	4	0	4
AF-012	1857	3250	6.03	6.03		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-051	665	3250	2.16	2.16		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-053	700	2345	1.64	3.28		2	0	2	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2
AF-060	644	3250	2.09	2.09		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-063	765	3250	2.49	2.49		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-068	1830	3300	6.04	6.04		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-069	1563	3300	5.16	5.16		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-071	1309	3300	4.32	4.32		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-072	1699	3300	5.61	5.61		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-073	1857	3300	6.13	6.13		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-100	1007	582.5	0.59	0.59		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-101	1007	582.5	0.59	0.59		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-102	1007	582.5	0.59	0.59		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-160	1245	1270	1.58	1.58		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-164	681	1270	0.86	1.73		2	0	2	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2
AF-165	1363	1270	1.73	1.73		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-167	1363	1270	1.73	1.73		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-168	1309	1270	1.66	1.66		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AF-169	1699	1270	2.16	2.16		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AM-01	1363	3300	4.50	35.97		8	0	8	0	0	0	0	0	0	0	0	8	0	8	0	0	0	0	0	8	0	8
AM-03	1363	3300	4.50	13.49		3	0	3	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	3	0	3
AM-10	1400	3300	4.62	23.10		5	0	5	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	5	0	5
AM-11	1245	3300	4.11	12.33		3	0	3	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	3	0	3
AM-14	1640	3300	5.41	27.06		5	0	5	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	5	0	5
AM-49	1400	3250	4.55	4.55		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AM-50	1640	3250	5.33	5.33		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AM-52	1363	3250	4.43	4.43		1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1
AS-01	700	3300	2.31	11.55		5	0	5	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	5	0	5
AS-02	700	3300	2.31	11.55		5	0	5	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	5	0	5
AS-09	681	3300	2.25	17.98		8	0	8	0	0	0	0	0	0	0	0	8	0	8	0	0	0	0	0	8	0	8
AS-10	681	3300	2.25	6.74		3	0	3	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	3	0	3
AS-11	765	3300	2.52	12.62		5	0	5	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	5	0	5
AS-14	665	3300	2.19	10.97		5	0	5	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	5	0	5

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	OK
	鋁板狀態	OK
加工圖狀態	OK	

生產狀態	完成量	百分比	
	加工工序	97	100.0%
	組框工序	0	0.0%
	注膠工序	0	0.0%
	裝架工序	0	0.0%
出貨工序	0	0.0%	

已加工完成，待組裝



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 08



Inspection Date: 3rd February 2023
Issue Date: 8th February 2023

Report Reference: 60646872-FI-R-08

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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Appendix

Appendix A- Die status for delivered extrusion

Appendix B- Details of assembled curtain wall panels (Zone M01 & M02)

Appendix C- Details of fabrication progress

Appendix D- Site Memo for corrective action by Midi

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	03 rd February 2023
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status





- General inspection, dimension checking and testing of raw materials / extrusion (Die no. X86344, X86345, X86334 & X86332);
- Check quantity of delivered extrusion (Detail please refer to Appendix A)
- Check quantity of assembled curtain wall panels for Zone M01 & M02 (Detail please refer to Appendix B);
- Progress of assembly work for first log unitized panels (Zone 1) remains unchanged since last factory inspection on 30-Nov-2022, please refer to Appendix C - details of fabrication progress;
- Fixing of structural sealant for glazing and aluminum hooks and make-good defective unitized panels for Zone M02 were in progress (2nd log unitized panels) , please refer to Appendix C - details of fabrication progress;
- Fit-up assembly of Mullion and Transom for Zone M3 & 4 (3rd log unitized panels M03) were in progress, please refer to Appendix C - details of fabrication progress;
- Materials cutting, milling and drilling of extrusions for T2 9/F to 11/F (4th log 148 nos. of unitized panels) for T2 9/F to 11/F, please refer to Appendix C - details of fabrication progress.

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For *Comments, Recommendation and Reminders* please refer to *Section 3*.
- 2) For *Summary table of finding and remedial action* please refer to *Section 4*.
- 3) For *Inspection Schedule*, please refer to *Section 5* at the end of this report.

<p>Photo 1</p>		
<p><u>Item:</u> Observation</p>	 <p>Flatness checking</p>	 <p>Dimension checking</p>
<p><u>Description:</u> General inspection, dimension checking and testing of raw materials / extrusion (Die no. X86344, X86345, X86334 & X86332)</p>	 <p>Coating thickness measurement</p>	 <p>Surface hardness test</p>
<p><u>Action:</u> -</p>		





<p>Photo 2</p>		
<p><u>Item:</u> Observation</p>	 <p>Color uniformity test</p>	 <p>Brightness test</p>
<p><u>Description:</u> General inspection, dimension checking and testing of raw materials / extrusion (Die no. X86344, X86345, X86334 & X86332)</p>	 <p>Adhesion test</p>	 <p>Hardness test</p>
<p><u>Action:</u> -</p>		

Photo 3

Item:
Observation

Description:
Check quantity of delivered extrusion (Detail please refer to Appendix A)

Action:
-



Photo 4

Item:
Observation

Description:
Check quantity of assembled curtain wall panels for Zone M01 & M02 (Detail please refer to Appendix B)

Action:
-



Photo 5

Item:
Observation

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

Action:

-

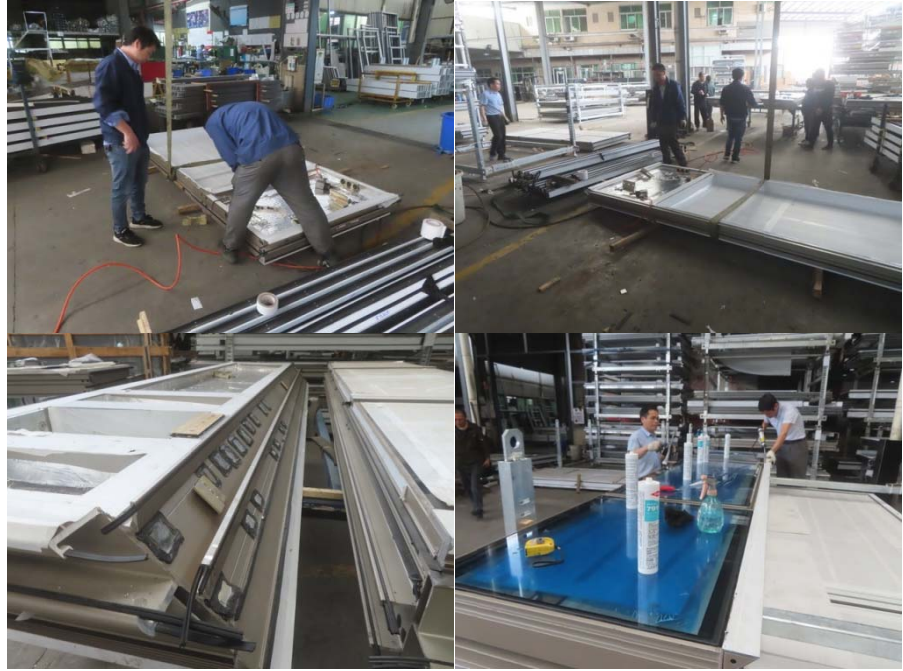


Photo 6

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

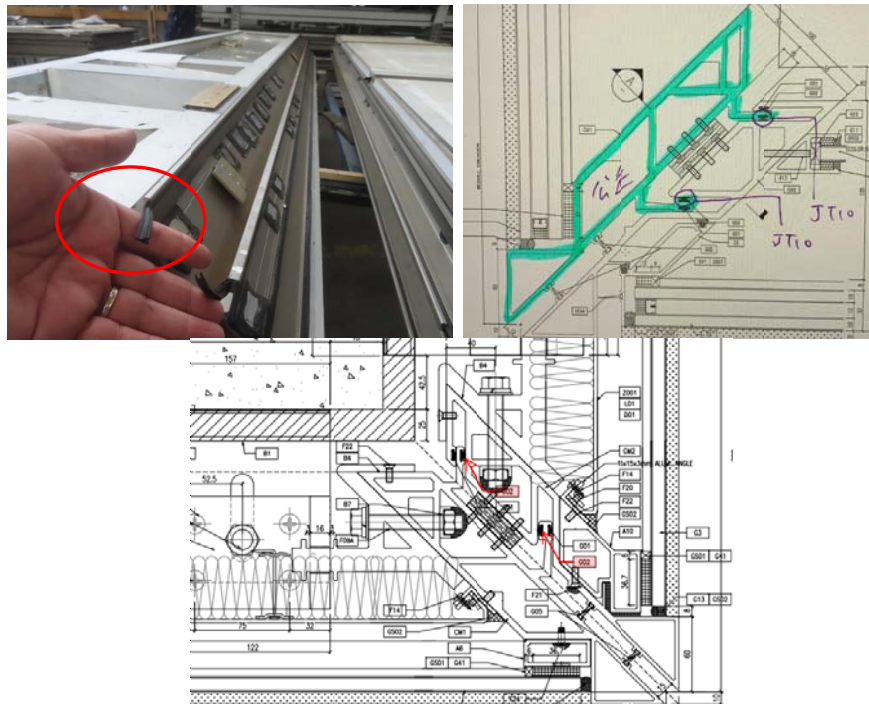


Photo 7

Item:
Observation

Description:
Make-good defective unitized panels for Zone M02 (5 nos. of water leakage)

Action:
-



Photo 8

Item:
Observation

Description:
Fit-up assembly of Mullion and Transom for Zone M3 & 4 (3rd log unitized panels M03)

Action:
-



Photo 9

Item:
Observation

Description:
Materials cutting, milling and drilling of extrusions for 4th log 148 nos. of unitized panels for T2 9/F to 11/F (Details please refer to Appendix C)

Action:
-



Photo 10

Item:
Observation

Description:
Application of bitumen coating for defective chrome plated floor bracket

Action:
-



3 COMMENT, RECOMMENDATIONS AND REMINDER




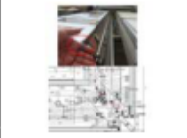
- Gasket of unitized panels for Zone M01 & 02 were found not match with design drawing. MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works;

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Accom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status	
1	Raw materials of extrusion were found messy and heavy loading condition		MIDI is required to ensure storage of materials without causing overstress, permanent deflection or warping.	Report-R-01 Photo 3 - 6		Reprct-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection.		Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Reprct-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant.		MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23- 24		Reprct-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Reprct-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project		MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection		MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-06 Photo 11	Refer to Site Memo for corrective action by Midi		Routine Monitoring
8	Improper holes drilling procedure was found during factory inspection		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16	Refer to Site Memo for corrective action by Midi		Routine Monitoring
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 16			
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12			
11	Defective gasket was found during factory inspection for Zone M02		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 03			
12	18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion		MIDI is required to carry out remedial works before fixing of glass panels	Report-R-07 Photo 04			

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Accom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
13	Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 12			
14	Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 13			
15	Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 14			
16	Gasket of unitized panels for Zone M02 were found not match with design drawing 	MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-08 Photo 06			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th	2022-11-30	CF. Cheng
5 th	2022-12-12	CF. Cheng
6 th	2022-12-20	CF. Cheng
7 th	2023-01-04	CF. Cheng
8 th	2023-02-03	CF. Cheng
9 th	2023-02-10	CF. Cheng

APPENDIX A

Die status for delivered extrusion



APPENDIX B

Details of assembled curtain wall panels (Zone M01 & M02)



**J-858康城11期 幕牆單元件生產狀態
(Zone-1)**

出貨狀態

					198.21						
單元編號	寬度 mm	高度 mm	單件 面積	總面積	備註	63 總數量	16 已出貨 數量	47 尚欠 數量	4	12	0
AF-021	1838	3300	6.06	24.26		4	2	2		2	
AF-022	1838	3250	5.97	5.97		1	0	1			
AF-025	1425	3300	4.70	18.81		4	2	2		2	
AF-026	1425	3250	4.63	4.63		1	0	1			
AF-029	1631	3300	5.38	10.76	有新圖紙改倉,加工中	2	0	2			
AF-047	700	3300	2.31	4.62	有新圖紙改倉,加工中	2	0	2			
AF-055	700	3250	2.28	4.55		2	0	2			
AF-056	700	3250	2.28	2.28		1	0	1			
AF-064	765	3250	2.49	2.49		1	0	1			
AF-079	1838	3300	6.06	6.06		1	0	1			
AF-081	1425	3300	4.70	4.70		1	0	1			
AF-084	1631	3300	5.38	5.38	有新圖紙改倉,加工中	1	0	1			
AF-095	700	3300	2.31	2.31	有新圖紙改倉,加工中	1	0	1			
AF-150	983	2195	2.16	2.16		1	0	1			
AF-152	1013	2195	2.22	2.22		1	0	1			
AF-153	1013	2195	2.22	2.22		1	0	1			
AF-160	1245	1270	1.58	1.58		1	1	0	1		
AF-161	700	1270	0.89	0.89	有新圖紙改倉,加工中	1	0	1			
AF-162	700	1270	0.89	0.89		1	0	1			
AF-163	1631	1270	2.07	2.07	有新圖紙改倉,加工中	1	0	1			
AF-164	681	1270	0.86	0.86		1	0	1			
AF-165	1363	1270	1.73	1.73		1	0	1			
AS-01	700	3300	2.31	11.55		5	2	3		2	
AS-03	700	3300	2.31	11.55		5	2	3		2	
AS-04	700	3300	2.31	6.93		3	0	3			
AS-07	700	3300	2.31	11.55		5	2	3		2	
AS-10	681	3300	2.25	6.74		3	0	3			
AS-12	765	3300	2.52	12.62		5	2	3		2	
AM-03	1363	3300	4.50	13.49		3	0	3			
AM-11	1245	3300	4.11	12.33		3	3	0	3		

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	OK
	鋁板狀態	OK
加工圖狀態	OK	

生產狀態
06-02-2023

Quantity OK-
Confirmed by
CF. Cheng

J-858康城11期 幕牆單元件生產狀態 (Zone-2)

出貨狀態

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	60 總數量	0 已出貨數量	60 尚欠數量	0	0
AM-03	1363	3300	4.50	22.48		5	0	5		
AM-05	1363	3300	4.50	22.48		5	0	5		
AM-12	1300	3300	4.29	21.45		5	0	5		
AM-48	1363	3250	4.43	4.43		1	0	1		
AM-53	1363	3250	4.43	4.43		1	0	1		
AM-54	1300	3250	4.23	4.23		1	0	1		
AF-011	1857	3300	6.13	24.51		4	0	4		
AF-013	1857	3250	6.03	6.03		1	0	1		
AF-031	1747	3250	5.68	5.68		1	0	1		
AF-030	1747	3300	5.76	23.05		4	0	4		
AF-060	681	3250	2.21	2.21		1	0	1		
AF-062	681	3250	2.21	2.21		1	0	1		
AF-064	765	3250	2.49	2.49		1	0	1		
AF-065	765	3250	2.49	2.49		1	0	1		
AF-073	1857	3300	6.13	6.13		1	0	1		
AF-085	1747	3300	5.76	5.76		1	0	1		
AF-111	1012	582.5	0.59	0.59		1	0	1		
AF-113	1012	582.5	0.59	0.59		1	0	1		
AF-115	1012	582.5	0.59	0.59		1	0	1		
AF-122	1003	582.5	0.58	0.58		1	0	1		
AF-123	1003	582.5	0.58	0.58		1	0	1		
AF-124	1003	582.5	0.58	0.58		1	0	1		
AS-09	681	3300	2.25	11.24		5	0	5		
AS-10	681	3300	2.25	11.24		5	0	5		
AS-11	765	3300	2.52	12.62		5	0	5		
AS-13	765	3300	2.52	12.62		5	0	5		

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	OK
	鋁板狀態	OK
加工圖狀態	OK	

生產狀態
OK

Quantity OK-
Confirmed by
CF. Cheng

06-02-2023

APPENDIX C

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)

J-858康城11期 幕牆單元件生產狀態 (Zone-1)					組裝狀態					打膠狀態				包裝狀態				出貨狀態					
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	總數量	已組裝數量	尚欠數量			已打膠數量	尚欠數量			已包裝數量	尚欠數量			已出貨數量	尚欠數量			
				198.21		63	63	0	7	3	63	0	29	13	58	5	37	12	16	47	4	12	0
AF-021	1838	3300	6.06	24.26		4	4	0	2		4	0		4	4	0		4	2	2		2	
AF-022	1838	3250	5.97	5.97		1	1	0		1	0		1	1	0		1	0	0	1			
AF-025	1425	3300	4.70	18.81		4	4	0			4	0	4	4	0	4		4	2	2		2	
AF-026	1425	3250	4.63	4.63		1	1	0			1	0	1	1	0		1	0	0	1			
AF-029	1631	3300	5.38	10.76	有新圖紙改倉,加工中	2	2	0			2	0		2	0				0	2			
AF-047	700	3300	2.31	4.62	有新圖紙改倉,加工中	2	2	0			2	0		2	0				0	2			
AF-055	700	3250	2.28	4.55		2	2	0			2	0	2	2	0	2		2	0	2			
AF-056	700	3250	2.28	2.28		1	1	0			1	0	1	1	0		1	0	0	1			
AF-064	765	3250	2.49	2.49		1	1	0		1	0		1	1	0		1	0	0	1			
AF-079	1838	3300	6.06	6.06		1	1	0		1	0		1	1	0		1	0	0	1			
AF-081	1425	3300	4.70	4.70		1	1	0		1	0	1		1	0	1		1	0	1			
AF-084	1631	3300	5.38	5.38	有新圖紙改倉,加工中	1	1	0			1	0		1	0				0	1			
AF-095	700	3300	2.31	2.31	有新圖紙改倉,加工中	1	1	0			1	0		1	0				0	1			
AF-150	983	2195	2.16	2.16		1	1	0			1	0		1	0		1	0	0	1			
AF-152	1013	2195	2.22	2.22		1	1	0			1	0	1	1	0	1		1	0	1			
AF-153	1013	2195	2.22	2.22		1	1	0			1	0	1	1	0	1		1	0	1			
AF-160	1245	1270	1.58	1.58		1	1	0			1	0		1	0	1		1	0	1		1	
AF-161	700	1270	0.89	0.89	有新圖紙改倉,加工中	1	1	0			1	0		1	0				0	1			
AF-162	700	1270	0.89	0.89		1	1	0			1	0		1	0	1		1	0	1			
AF-163	1631	1270	2.07	2.07	有新圖紙改倉,加工中	1	1	0			1	0		1	0	1		1	0	1			
AF-164	681	1270	0.86	0.86		1	1	0			1	0		1	0	1		1	0	1			
AF-165	1363	1270	1.73	1.73		1	1	0			1	0		1	0	1		1	0	1			
AS-01	700	3300	2.31	11.55		5	5	0			5	0	5	5	0	4	1	5	0	2	3		2
AS-03	700	3300	2.31	11.55		5	5	0			5	0	5	5	0	4	1	5	0	2	3		2
AS-04	700	3300	2.31	6.93		3	3	0			3	0		3	0	3		3	0	0	3		
AS-07	700	3300	2.31	11.55		5	5	0			5	0	5	5	0	5		5	0	2	3		2
AS-10	681	3300	2.25	6.74		3	3	0			3	0		3	0	1		3	0	0	3		
AS-12	765	3300	2.52	12.62		5	5	0	5		5	0		0	5			5	0	2	3		2
AM-03	1363	3300	4.50	13.49		3	3	0			3	0		3	0	3		3	0	0	3		
AM-11	1245	3300	4.11	12.33		3	3	0			3	0	3	3	0	3		3	0	3	0		3

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	OK
	鋁板狀態	OK
	加工圖狀態	OK

生產狀態	完成量	百分比	
	加工工序	63	100%
	組框工序	63	100%
	注膠工序	63	100%
	裝架工序	58	92%
	出貨工序	16	25%

8幅有新圖紙改倉, 在加工中

製表日期: 06-02-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-2)						組裝狀態					打膠狀態					包裝狀態				出貨狀態				
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	60	60	0	12	12	0	55	5	8	13	0	0	60	0	0	0	60	0	0
				211.29		總數量	已組裝數量	尚欠數量				已打膠數量	尚欠數量				已包裝數量	尚欠數量			已出貨數量	尚欠數量		
AM-03	1363	3300	4.50	22.48		5	5	0				5	0				0	5			0	5		
AM-05	1363	3300	4.50	22.48		5	5	0				5	0				0	5			0	5		
AM-12	1300	3300	4.29	21.45		5	5	0				5	0				0	5			0	5		
AM-48	1363	3250	4.43	4.43		1	1	0				1	0				0	1			0	1		
AM-53	1363	3250	4.43	4.43		1	1	0				1	0				0	1			0	1		
AM-54	1300	3250	4.23	4.23		1	1	0				1	0				0	1			0	1		
AF-011	1857	3300	6.13	24.51		4	4	0		4		4	0		4		0	4			0	4		
AF-013	1857	3250	6.03	6.03		1	1	0	1			0	1				0	1			0	1		
AF-031	1747	3250	5.68	5.68		1	1	0		1		0	1				0	1			0	1		
AF-030	1747	3300	5.76	23.05		4	4	0		4		2	2		2		0	4			0	4		
AF-060	681	3250	2.21	2.21		1	1	0				1	0				0	1			0	1		
AF-062	681	3250	2.21	2.21		1	1	0				1	0				0	1			0	1		
AF-064	765	3250	2.49	2.49		1	1	0	1			1	0		1		0	1			0	1		
AF-065	765	3250	2.49	2.49		1	1	0	1			1	0	1			0	1			0	1		
AF-073	1857	3300	6.13	6.13		1	1	0		1		1	0		1		0	1			0	1		
AF-085	1747	3300	5.76	5.76		1	1	0		1		0	1				0	1			0	1		
AF-111	1012	582.5	0.59	0.59		1	1	0				1	0				0	1			0	1		
AF-113	1012	582.5	0.59	0.59		1	1	0				1	0				0	1			0	1		
AF-115	1012	582.5	0.59	0.59		1	1	0				1	0				0	1			0	1		
AF-122	1003	582.5	0.58	0.58		1	1	0				1	0				0	1			0	1		
AF-123	1003	582.5	0.58	0.58		1	1	0				1	0				0	1			0	1		
AF-124	1003	582.5	0.58	0.58		1	1	0				1	0				0	1			0	1		
AS-09	681	3300	2.25	11.24		5	5	0				5	0				0	5			0	5		
AS-10	681	3300	2.25	11.24		5	5	0				5	0		2		0	5			0	5		
AS-11	765	3300	2.52	12.62		5	5	0	5			5	0	4	1		0	5			0	5		
AS-13	765	3300	2.52	12.62		5	5	0	4	1		5	0	3	2		0	5			0	5		

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	60	100.0%
	配件狀態	OK		組框工序	60	100.0%
	玻璃狀態	OK		注膠工序	55	91.7%
	鋁板狀態	OK		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

製表日期: 06-02-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-3&4)

						組裝狀態				打膠狀態				包裝狀態				出貨狀態			
						97	3	94	3	0	0	0	0	0	0	0	0	0	0	0	0
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	總數量	已組裝數量	尚欠數量	04/02	已打膠數量	尚欠數量	已包裝數量	尚欠數量	已出貨數量	尚欠數量						
AF-001	1830	3300	6.04	24.16		4	2	2	2	0	4	0	4	0	4						
AF-002	1830	3250	5.95	5.95		1	0	1		0	1	0	1	0	1						
AF-005	1563	3300	5.16	20.63		4	0	4		0	4	0	4	0	4						
AF-006	1563	3250	5.08	5.08		1	0	1		0	1	0	1	0	1						
AF-009	1309	3300	4.32	8.64		2	0	2		0	2	0	2	0	2						
AF-010	1699	3300	5.61	11.21		2	0	2		0	2	0	2	0	2						
AF-011	1857	3300	6.13	24.51		4	0	4		0	4	0	4	0	4						
AF-012	1857	3250	6.03	6.03		1	0	1		0	1	0	1	0	1						
AF-051	665	3250	2.16	2.16		1	0	1		0	1	0	1	0	1						
AF-053	700	2345	1.64	3.28		2	0	2		0	2	0	2	0	2						
AF-060	644	3250	2.09	2.09		1	0	1		0	1	0	1	0	1						
AF-063	765	3250	2.49	2.49		1	0	1		0	1	0	1	0	1						
AF-068	1830	3300	6.04	6.04		1	0	1		0	1	0	1	0	1						
AF-069	1563	3300	5.16	5.16		1	0	1		0	1	0	1	0	1						
AF-071	1309	3300	4.32	4.32		1	0	1		0	1	0	1	0	1						
AF-072	1699	3300	5.61	5.61		1	0	1		0	1	0	1	0	1						
AF-073	1857	3300	6.13	6.13		1	0	1		0	1	0	1	0	1						
AF-100	1007	582.5	0.59	0.59		1	0	1		0	1	0	1	0	1						
AF-101	1007	582.5	0.59	0.59		1	0	1		0	1	0	1	0	1						
AF-102	1007	582.5	0.59	0.59		1	0	1		0	1	0	1	0	1						
AF-160	1245	1270	1.58	1.58		1	0	1		0	1	0	1	0	1						
AF-164	681	1270	0.86	1.73		2	0	2		0	2	0	2	0	2						
AF-165	1363	1270	1.73	1.73		1	0	1		0	1	0	1	0	1						
AF-167	1363	1270	1.73	1.73		1	0	1		0	1	0	1	0	1						
AF-168	1309	1270	1.66	1.66		1	0	1		0	1	0	1	0	1						
AF-169	1699	1270	2.16	2.16		1	0	1		0	1	0	1	0	1						
AM-01	1363	3300	4.50	35.97		8	0	8		0	8	0	8	0	8						
AM-03	1363	3300	4.50	13.49		3	0	3		0	3	0	3	0	3						
AM-10	1400	3300	4.62	23.10		5	0	5		0	5	0	5	0	5						
AM-11	1245	3300	4.11	12.33		3	0	3		0	3	0	3	0	3						
AM-14	1640	3300	5.41	27.06		5	1	4	1	0	5	0	5	0	5						
AM-49	1400	3250	4.55	4.55		1	0	1		0	1	0	1	0	1						
AM-50	1640	3250	5.33	5.33		1	0	1		0	1	0	1	0	1						
AM-52	1363	3250	4.43	4.43		1	0	1		0	1	0	1	0	1						
AS-01	700	3300	2.31	11.55		5	0	5		0	5	0	5	0	5						
AS-02	700	3300	2.31	11.55		5	0	5		0	5	0	5	0	5						
AS-09	681	3300	2.25	17.98		8	0	8		0	8	0	8	0	8						
AS-10	681	3300	2.25	6.74		3	0	3		0	3	0	3	0	3						
AS-11	765	3300	2.52	12.62		5	0	5		0	5	0	5	0	5						
AS-14	665	3300	2.19	10.97		5	0	5		0	5	0	5	0	5						

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	OK
	鋁板狀態	OK
	加工圖狀態	OK

生產狀態	完成量	百分比	
	加工工序	97	100.0%
	組框工序	3	3.1%
	注膠工序	0	0.0%
	裝架工序	0	0.0%
	出貨工序	0	0.0%

正在組裝中

APPENDIX D

Site Memo for corrective action by Midi



MEMO

文件編號：20230201

送 呈： 輝哥

發件日期：2023/2/6

發 件 人： 美特-吳水洪

發出頁數：1+

副 本：

有關 J858 工程生產問題的回覆

有關之前上廠查驗時發現的生產問題，現回覆如下：

- 1、報告表內第 7 項（在工廠檢查中發現 82 件有 12 件鉻化料表面有缺陷，材料問題）；

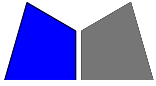
回覆：工廠會將有缺陷的鉻化鋁碼挑選出來，在完成配合組裝后再在缺陷位塗瀝清油處理；（詳見圖片）



缺陷鉻化料



缺陷鉻化料表面塗瀝清油后的效果



MEMO

送 呈： 輝哥

發件日期：2023/2/6

發 件 人： 美特-吳水洪

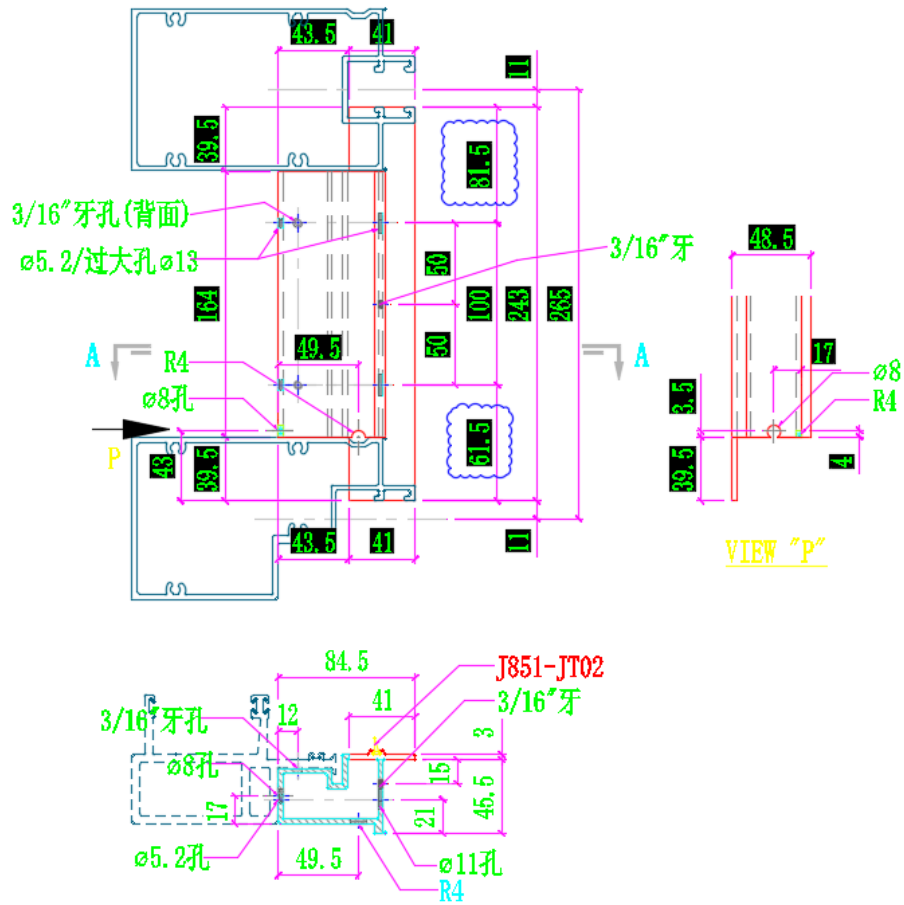
發出頁數：1+

副 本：

有關 J858 工程生產問題的回覆

2、報告表內第 8 項（在工廠檢查中發現單元玻璃骨孔位與主企安裝孔位不配，圖紙設計問題）：

回覆：工廠已將不配對的玻璃骨加工圖修正孔位（詳見圖片



云線內的尺寸為修改項



MEMO

送 呈：輝哥

發件日期：2023/2/6

發 件 人：美特-吳水洪

發出頁數：1+

副 本：

有關 J858 工程生產問題的回覆

3、報告表內第 11 項（在工廠檢查中發現 MO2 單元主企膠條出現缺陷問題）；

回覆：工廠會要求車間人員將有缺陷的膠條進行更換（詳見圖片）



會安排將有缺陷膠條進行更換



MEMO

送 呈：輝哥

發件日期：2023/2/6

發 件 人：美特-吳水洪

發出頁數：1+

副 本：

有關 J858 工程生產問題的回覆

4、報告表內第 12 項（在工廠檢查中發現 MO2 轉角單元梗玻璃位少排水孔-圖紙設計問題）；

回覆：工廠已由設計人員修改加工圖及車間已加排水孔（詳見圖片）



已安排依最新圖紙要求加排水孔



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 09



Inspection Date: 10th February 2023
Issue Date: 11th February 2023

Report Reference: 60646872-FI-R-09

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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1.2 General Information	1
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2.1 Status	2
2.2 Photographic Record	2
3 COMMENT, RECOMMENDATIONS AND REMINDER.....	8
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Appendix

Appendix A- Details of fabrication progress

Appendix B- QC test report for water flooding test

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	09 th February 2023
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- Final inspection of 1st log unitized panels (Zone 1), please refer to Appendix A - details of fabrication progress;
- Water test for 2nd log unitized panels (Please refer to Appendix B- QC test report)
 - 15F-T1A-CW4_AS-10 Re-test passed
 - 16F-T1A-CW4_AS-10 Re-test passed
 - 12F-T1A-CW4_AM012 Re-test passed
 - 10F-T1A-CW4_AS10 Re-test passed
 - 10F-T1A-CW4_AM-12 Re-test passed
 - 16F-T1A-CW5_AS-09 Re-test passed
 - 16F-T1A-CW4_AM12 Re-test passed
- Check fixing details and gasket of 2nd log unitized panels
- General inspection of assembly work for fixing of transom and mullion (3rd log unitized panels);
- Dimension checking of assembled transom and mullion (3rd log unitized panels);
- Materials cutting, milling and drilling of extrusions for 4th log 148 nos. of unitized panels for T2 9/F to 11/F;

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For *Comments, Recommendation and Reminders* please refer to *Section 3*.
- 2) For *Summary table of finding and remedial action* please refer to *Section 4*.
- 3) For *Inspection Schedule*, please refer to *Section 5* at the end of this report.

Photo 1

Item:
Observation

Description:
Final inspection of 1st log unitized panels (Zone 1)

Action:
-



Photo 2

Item:
Observation

Description:
Water flooding test for Panel number 16F-T1A CW5-AS-09 and 16F-T1A CW4-AS-10

Action:
-

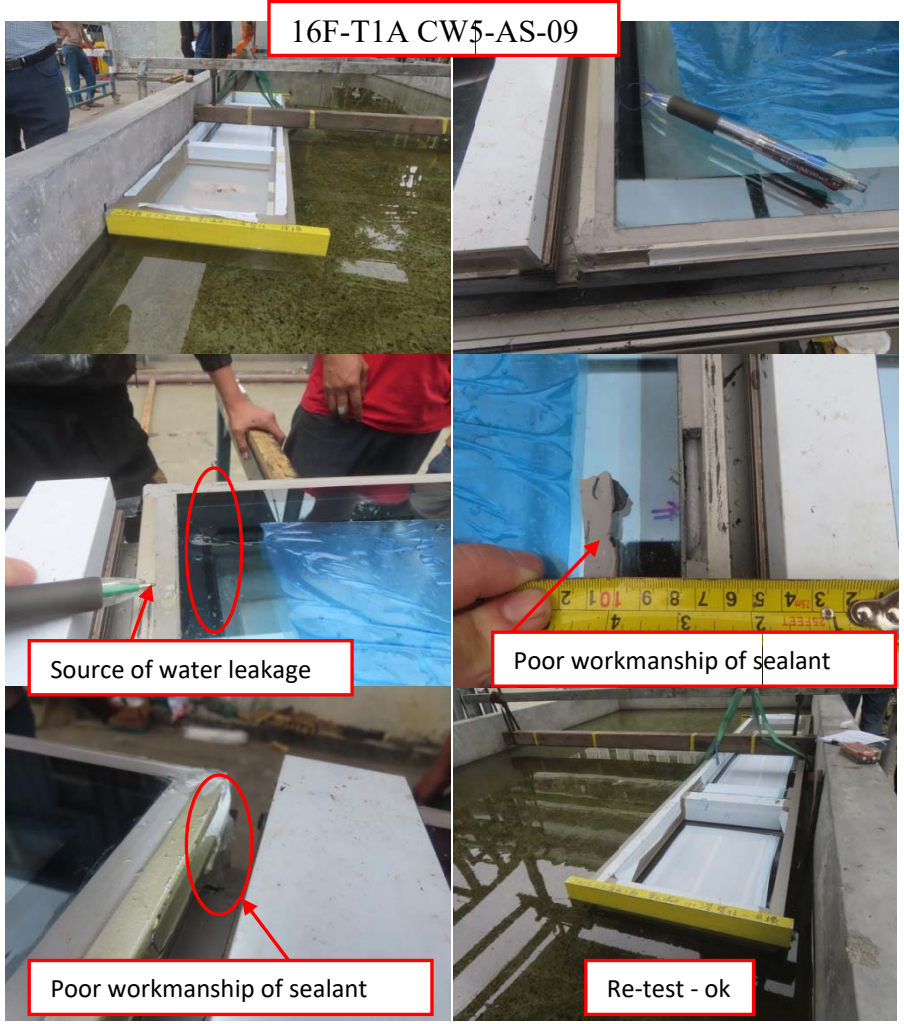


Photo 3

Item:
Observation

Description:
Check fixing details and gasket of 2nd log unitized panels

Action:
-

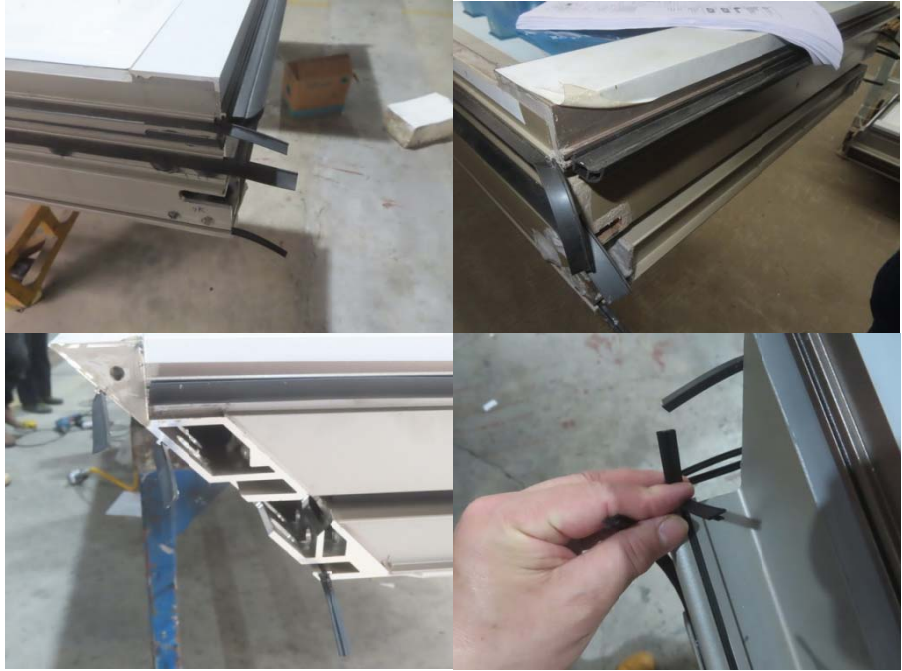


Photo 4

Item:
Observation

Description:
Defective gaskets for 2nd 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



Photo 5

Item:
Observation

Description:
General inspection of assembly work for fixing of transom and mullion (3rd log unitized panels)

Action:
-

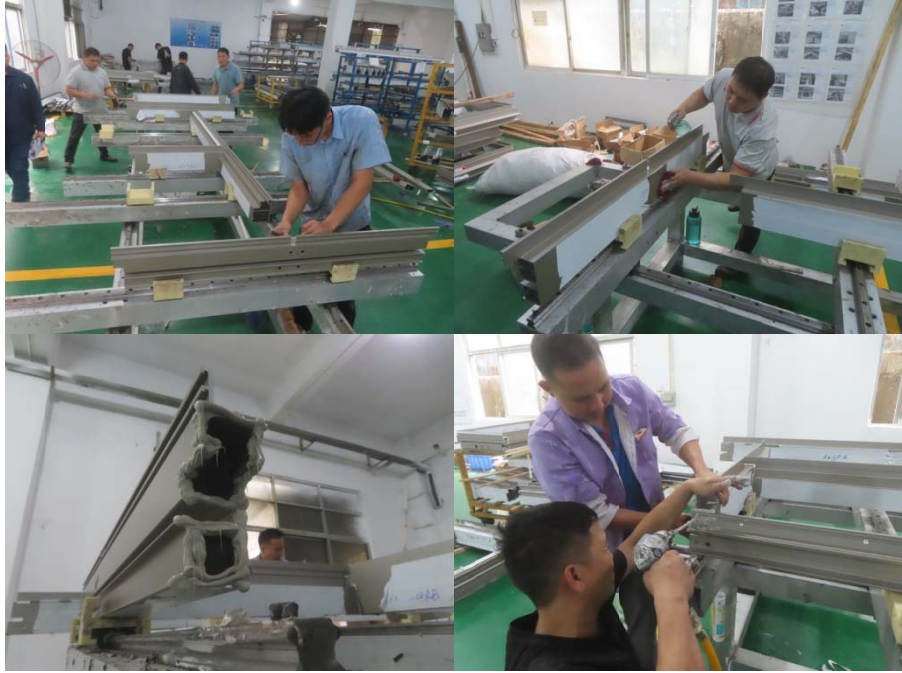


Photo 6

Item:
Observation

Dimension checking of assembled transom and mullion (3rd log unitized panels)

Action:
-

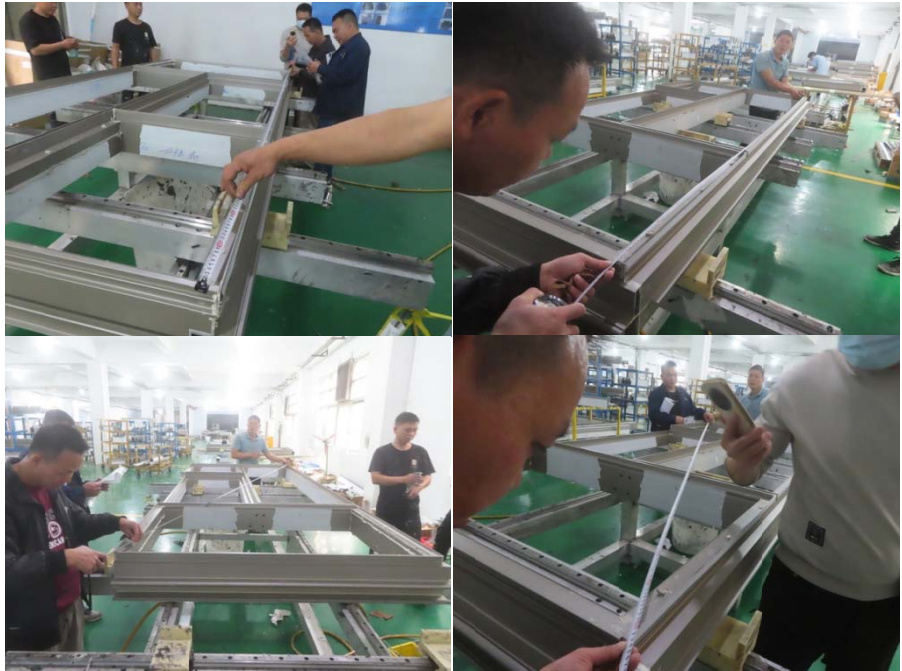


Photo 7

Item:
Observation

Description:
General inspection of assembly work for 3rd log unitized panels

Action:
-



Fixing of back panel



Fixing of thermo insulation



Application of sealant



General protection and packing

Photo 8

Item:
Observation

Materials cutting, milling and drilling of extrusions for 4th log 148 nos. of unitized panels for T2 9/F to 11/F

Action:
-



Photo 9

Item:
Observation

Description:
General inspection,
dimension checking
and testing of raw
materials / extrusion
for 5th log of unitized
panels

Action:

-







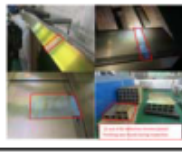
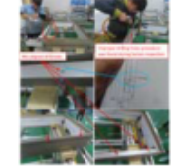




3 COMMENT, RECOMMENDATIONS AND REMINDER






- Defective gaskets for 2nd log unitized panels were found during final inspection and packing. MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23- 24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-06 Photo 11	Refer to Site Memo for corrective action by Midi		Routine Monitoring
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16	Refer to Site Memo for corrective action by Midi		Routine Monitoring
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 16	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
11	Defective gasket was found during factory inspection for Zone M02 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 03			
12	18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion 	MIDI is required to carry out remedial works before fixing of glass panels	Report-R-07 Photo 04	Refer to Site Memo for corrective action by Midi		Routine Monitoring

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
13	Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
14	Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 13	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
15	Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 14	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
16	Gasket of unitized panels for Zone M02 were found not match with design drawing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-08 Photo 06	Refer to factory inspection report-R-09 Photo 03		Routine Monitoring
17	Defective gaskets for 2nd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-09 Photo 04			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th	2022-11-30	CF. Cheng
5 th	2022-12-12	CF. Cheng
6 th	2022-12-20	CF. Cheng
7 th	2023-01-04	CF. Cheng
8 th	2023-02-03	CF. Cheng
9 th	2023-02-10	CF. Cheng
10 th	2023-02-17	CF. Cheng

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態					打膠狀態				包裝狀態				出貨狀態				
						總數量	已組裝數量	尚欠數量	7	3	已打膠數量	尚欠數量	25/11	21/12	已包裝數量	尚欠數量	25/11	21/12	已出貨數量	尚欠數量	28/11	12/01	
				198.21		63	63	0	7	3	63	0	29	13	58	5	37	12	16	47	4	12	0
AF-021	1838	3300	6.06	24.26		4	4	0	2		4	0		4	4	0		4	2	2		2	
AF-022	1838	3250	5.97	5.97		1	1	0		1	1	0		1	1	0		1	0	1			
AF-025	1425	3300	4.70	18.81		4	4	0			4	0	4		4	0	4		2	2		2	
AF-026	1425	3250	4.63	4.63		1	1	0			1	0	1		1	0	1		0	1			
AF-029	1631	3300	5.38	10.76	有新圖紙改倉,加工中	2	2	0			2	0			2	0			0	2			
AF-047	700	3300	2.31	4.62	有新圖紙改倉,加工中	2	2	0			2	0			2	0			0	2			
AF-055	700	3250	2.28	4.55		2	2	0			2	0	2		2	0	2		0	2			
AF-056	700	3250	2.28	2.28		1	1	0			1	0	1		1	0	1		0	1			
AF-064	765	3250	2.49	2.49		1	1	0		1	1	0		1	1	0		1	0	1			
AF-079	1838	3300	6.06	6.06		1	1	0		1	1	0		1	1	0		1	0	1			
AF-081	1425	3300	4.70	4.70		1	1	0		1	1	0	1		1	0	1		0	1			
AF-084	1631	3300	5.38	5.38	有新圖紙改倉,加工中	1	1	0			1	0			1	0			0	1			
AF-095	700	3300	2.31	2.31	有新圖紙改倉,加工中	1	1	0			1	0			1	0			0	1			
AF-150	983	2195	2.16	2.16		1	1	0			1	0		1	1	0		1	0	1			
AF-152	1013	2195	2.22	2.22		1	1	0			1	0	1		1	0	1		0	1			
AF-153	1013	2195	2.22	2.22		1	1	0			1	0	1		1	0	1		0	1			
AF-160	1245	1270	1.58	1.58		1	1	0			1	0		1	1	0	1		1	0	1		
AF-161	700	1270	0.89	0.89	有新圖紙改倉,加工中	1	1	0			1	0			1	0			0	1			
AF-162	700	1270	0.89	0.89		1	1	0			1	0		1	1	0	1		0	1			
AF-163	1631	1270	2.07	2.07	有新圖紙改倉,加工中	1	1	0			1	0		1	1	0	1		0	1			
AF-164	681	1270	0.86	0.86		1	1	0			1	0		1	1	0	1		0	1			
AF-165	1363	1270	1.73	1.73		1	1	0			1	0		1	1	0	1		0	1			
AS-01	700	3300	2.31	11.55		5	5	0			5	0	5		5	0	4	1	2	3		2	
AS-03	700	3300	2.31	11.55		5	5	0			5	0	5		5	0	4	1	2	3		2	
AS-04	700	3300	2.31	6.93		3	3	0			3	0		3	3	0	3		0	3			
AS-07	700	3300	2.31	11.55		5	5	0			5	0	5		5	0	5		2	3		2	
AS-10	681	3300	2.25	6.74		3	3	0			3	0		3	3	0	1		0	3			
AS-12	765	3300	2.52	12.62		5	5	0	5		5	0		5	0	5		2	3		2		
AM-03	1363	3300	4.50	13.49		3	3	0			3	0		3	3	0	3		0	3			
AM-11	1245	3300	4.11	12.33		3	3	0			3	0	3		3	0	3		3	0	3		

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	OK
	鋁板狀態	OK
	加工圖狀態	OK

生產狀態	完成量	百分比	
	加工工序	63	100%
	組框工序	63	100%
	注膠工序	63	100%
	裝架工序	58	92%
	出貨工序	16	25%

8幅有新圖紙改倉, 在加工中

製表日期: 10-02-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-2)

						組裝狀態						打膠狀態				包裝狀態				出貨狀態			
				211.29		60	60	0	12	12	0	60	0	5	0	18	42	18	0	0	60	0	0
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	總數量	已組裝數量	尚欠數量	18/12	19/12		已打膠數量	尚欠數量	07/02		已包裝數量	尚欠數量	08/02		已出貨數量	尚欠數量		
AM-03	1363	3300	4.50	22.48		5	5	0				5	0		1	4	1		0	5			
AM-05	1363	3300	4.50	22.48		5	5	0				5	0		3	2	3		0	5			
AM-12	1300	3300	4.29	21.45		5	5	0				5	0		1	4	1		0	5			
AM-48	1363	3250	4.43	4.43		1	1	0				1	0		0	1			0	1			
AM-53	1363	3250	4.43	4.43		1	1	0				1	0		0	1			0	1			
AM-54	1300	3250	4.23	4.23		1	1	0				1	0		0	1			0	1			
AF-011	1857	3300	6.13	24.51		4	4	0		4		4	0		3	1	3		0	4			
AF-013	1857	3250	6.03	6.03		1	1	0	1			1	0	1	0	1			0	1			
AF-031	1747	3250	5.68	5.68		1	1	0		1		1	0	1	0	1			0	1			
AF-030	1747	3300	5.76	23.05		4	4	0		4		4	0	2	1	3	1		0	4			
AF-060	681	3250	2.21	2.21		1	1	0				1	0		0	1			0	1			
AF-062	681	3250	2.21	2.21		1	1	0				1	0		0	1			0	1			
AF-064	765	3250	2.49	2.49		1	1	0	1			1	0		0	1			0	1			
AF-065	765	3250	2.49	2.49		1	1	0	1			1	0		0	1			0	1			
AF-073	1857	3300	6.13	6.13		1	1	0		1		1	0		0	1			0	1			
AF-085	1747	3300	5.76	5.76		1	1	0		1		1	0	1	0	1			0	1			
AF-111	1012	582.5	0.59	0.59		1	1	0				1	0		0	1			0	1			
AF-113	1012	582.5	0.59	0.59		1	1	0				1	0		0	1			0	1			
AF-115	1012	582.5	0.59	0.59		1	1	0				1	0		0	1			0	1			
AF-122	1003	582.5	0.58	0.58		1	1	0				1	0		0	1			0	1			
AF-123	1003	582.5	0.58	0.58		1	1	0				1	0		0	1			0	1			
AF-124	1003	582.5	0.58	0.58		1	1	0				1	0		0	1			0	1			
AS-09	681	3300	2.25	11.24		5	5	0				5	0		3	2	3		0	5			
AS-10	681	3300	2.25	11.24		5	5	0				5	0		1	4	1		0	5			
AS-11	765	3300	2.52	12.62		5	5	0	5			5	0		4	1	4		0	5			
AS-13	765	3300	2.52	12.62		5	5	0	4	1		5	0		1	4	1		0	5			

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	OK
	鋁板狀態	OK
	加工圖狀態	OK

生產狀態	完成量	百分比	
	加工工序	60	100.0%
	組框工序	60	100.0%
	注膠工序	60	100.0%
	裝架工序	18	30.0%
	出貨工序	0	0.0%

製表日期: 10-02-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-3&4)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態				打膠狀態				包裝狀態				出貨狀態			
						97	46	51	2	12	0	0	0	97	0	0	0	0	0	97	0
總數量	已組裝數量	尚欠數量	04/02	09/02	1	已打膠數量	尚欠數量	已包裝數量	尚欠數量	已出貨數量	尚欠數量	0	97	0	0	0	97	0	0		
AF-001	1830	3300	6.04	24.16		4	4	0	1		0	4	0	4	0	4	0	4	0	4	
AF-002	1830	3250	5.95	5.95		1	1	0			0	1	0	1	0	1	0	1	0	1	
AF-005	1563	3300	5.16	20.63		4	4	0			0	4	0	4	0	4	0	4	0	4	
AF-006	1563	3250	5.08	5.08		1	1	0			0	1	0	1	0	1	0	1	0	1	
AF-009	1309	3300	4.32	8.64		2	2	0		2	0	2	0	2	0	2	0	2	0	2	
AF-010	1699	3300	5.61	11.21		2	1	1		1	0	2	0	2	0	2	0	2	0	2	
AF-011	1857	3300	6.13	24.51		4	0	4			0	4	0	4	0	4	0	4	0	4	
AF-012	1857	3250	6.03	6.03		1	0	1			0	1	0	1	0	1	0	1	0	1	
AF-051	665	3250	2.16	2.16		1	1	0			0	1	0	1	0	1	0	1	0	1	
AF-053	700	2345	1.64	3.28		2	2	0			0	2	0	2	0	2	0	2	0	2	
AF-060	644	3250	2.09	2.09		1	0	1			0	1	0	1	0	1	0	1	0	1	
AF-063	765	3250	2.49	2.49		1	0	1			0	1	0	1	0	1	0	1	0	1	
AF-068	1830	3300	6.04	6.04		1	1	0		1	0	1	0	1	0	1	0	1	0	1	
AF-069	1563	3300	5.16	5.16		1	1	0		1	0	1	0	1	0	1	0	1	0	1	
AF-071	1309	3300	4.32	4.32		1	1	0		1	0	1	0	1	0	1	0	1	0	1	
AF-072	1699	3300	5.61	5.61		1	0	1			0	1	0	1	0	1	0	1	0	1	
AF-073	1857	3300	6.13	6.13		1	0	1			0	1	0	1	0	1	0	1	0	1	
AF-100	1007	582.5	0.59	0.59		1	1	0			0	1	0	1	0	1	0	1	0	1	
AF-101	1007	582.5	0.59	0.59		1	1	0			0	1	0	1	0	1	0	1	0	1	
AF-102	1007	582.5	0.59	0.59		1	1	0		1	0	1	0	1	0	1	0	1	0	1	
AF-160	1245	1270	1.58	1.58		1	0	1			0	1	0	1	0	1	0	1	0	1	
AF-164	681	1270	0.86	1.73		2	0	2			0	2	0	2	0	2	0	2	0	2	
AF-165	1363	1270	1.73	1.73		1	0	1			0	1	0	1	0	1	0	1	0	1	
AF-167	1363	1270	1.73	1.73		1	0	1			0	1	0	1	0	1	0	1	0	1	
AF-168	1309	1270	1.66	1.66		1	0	1			0	1	0	1	0	1	0	1	0	1	
AF-169	1699	1270	2.16	2.16		1	0	1			0	1	0	1	0	1	0	1	0	1	
AM-01	1363	3300	4.50	35.97		8	0	8			0	8	0	8	0	8	0	8	0	8	
AM-03	1363	3300	4.50	13.49		3	0	3			0	3	0	3	0	3	0	3	0	3	
AM-10	1400	3300	4.62	23.10		5	4	1		1	0	5	0	5	0	5	0	5	0	5	
AM-11	1245	3300	4.11	12.33		3	0	3			0	3	0	3	0	3	0	3	0	3	
AM-14	1640	3300	5.41	27.06		5	5	0		1	0	5	0	5	0	5	0	5	0	5	
AM-49	1400	3250	4.55	4.55		1	1	0			0	1	0	1	0	1	0	1	0	1	
AM-50	1640	3250	5.33	5.33		1	1	0			0	1	0	1	0	1	0	1	0	1	
AM-52	1363	3250	4.43	4.43		1	0	1			0	1	0	1	0	1	0	1	0	1	
AS-01	700	3300	2.31	11.55		5	5	0			0	5	0	5	0	5	0	5	0	5	
AS-02	700	3300	2.31	11.55		5	4	1			0	5	0	5	0	5	0	5	0	5	
AS-09	681	3300	2.25	17.98		8	3	5		3	0	8	0	8	0	8	0	8	0	8	
AS-10	681	3300	2.25	6.74		3	1	2		1	0	3	0	3	0	3	0	3	0	3	
AS-11	765	3300	2.52	12.62		5	0	5			0	5	0	5	0	5	0	5	0	5	
AS-14	665	3300	2.19	10.97		5	0	5			0	5	0	5	0	5	0	5	0	5	

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	97	100.0%
	配件狀態	OK		組框工序	46	47.4%
	玻璃狀態	OK		注膠工序	0	0.0%
	鋁板狀態	OK		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

正在組裝中

J-858康城11期 幕牆單元件生產狀態 (T2 9-11F)

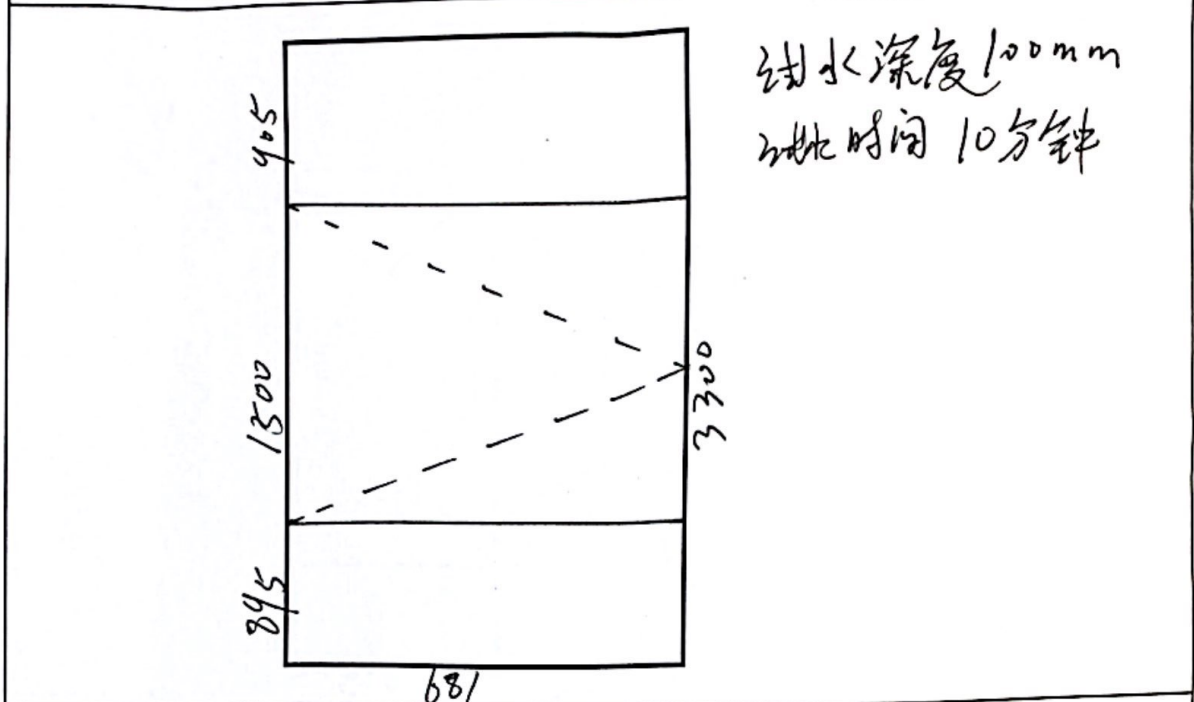
J-858康城11期 幕牆單元件生產狀態 (T2 9-11F)					組裝狀態					打膠狀態					包裝狀態					出貨狀態							
					148	0	148	0	0	0	0	148	0	0	0	0	0	148	0	0	0	0	148	0	0	0	0
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	總數量	已組裝數量	尚欠數量				已打膠數量	尚欠數量				已包裝數量	尚欠數量				已出貨數量	尚欠數量				
AF-005	1563	3300	5.16	10.31		2	0	2				0	2				0	2				0	2				
AF-006	1563	3250	5.08	5.08		1	0	1				0	1				0	1				0	1				
AF-009	1309	3300	4.32	8.64		2	0	2				0	2				0	2				0	2				
AF-011	1857	3300	6.13	24.51		4	0	4				0	4				0	4				0	4				
AF-012	1857	3250	6.03	6.03		1	0	1				0	1				0	1				0	1				
AF-013	1857	3250	6.03	6.03		1	0	1				0	1				0	1				0	1				
AF-017	1857	3300	6.13	12.25		2	0	2				0	2				0	2				0	2				
AF-018	1857	3250	6.03	6.03		1	0	1				0	1				0	1				0	1				
AF-035	1855	3300	6.12	12.24		2	0	2				0	2				0	2				0	2				
AF-036	1855	3250	6.03	6.03		1	0	1				0	1				0	1				0	1				
AF-039	1724	3300	5.69	11.38		2	0	2				0	2				0	2				0	2				
AF-040	1326	3300	4.38	8.75		2	0	2				0	2				0	2				0	2				
AF-041	1326	3250	4.31	4.31		1	0	1				0	1				0	1				0	1				
AF-042	1569	3300	5.18	10.35		2	0	2				0	2				0	2				0	2				
AF-048	787.5	3300	2.60	5.20		2	0	2				0	2				0	2				0	2				
AF-049	750	3300	2.48	4.95		2	0	2				0	2				0	2				0	2				
AF-050	750	3300	2.48	4.95		2	0	2				0	2				0	2				0	2				
AF-052	615	3250	2.00	2.00		1	0	1				0	1				0	1				0	1				
AF-053	700	3250	2.28	4.55		2	0	2				0	2				0	2				0	2				
AF-060	681	3250	2.21	4.43		2	0	2				0	2				0	2				0	2				
AF-061	681	3250	2.21	2.21		1	0	1				0	1				0	1				0	1				
AF-062	681	3250	2.21	2.21		1	0	1				0	1				0	1				0	1				
AF-063	765	3250	2.49	2.49		1	0	1				0	1				0	1				0	1				
AF-064	765	3250	2.49	2.49		1	0	1				0	1				0	1				0	1				
AF-065	765	3250	2.49	2.49		1	0	1				0	1				0	1				0	1				
AF-100	1007	583	0.59	0.59		1	0	1				0	1				0	1				0	1				
AF-101	1007	583	0.59	0.59		1	0	1				0	1				0	1				0	1				
AF-102	1007	583	0.59	0.59		1	0	1				0	1				0	1				0	1				
AF-103	1023	583	0.60	0.60		1	0	1				0	1				0	1				0	1				
AF-104	1023	583	0.60	0.60		1	0	1				0	1				0	1				0	1				
AF-105	1023	583	0.60	0.60		1	0	1				0	1				0	1				0	1				
AF-106	1363	583	0.79	0.79		1	0	1				0	1				0	1				0	1				
AF-107	681	583	0.40	0.40		1	0	1				0	1				0	1				0	1				
AF-108	1309	583	0.76	0.76		1	0	1				0	1				0	1				0	1				
AF-111	1012	583	0.59	1.77		3	0	3				0	3				0	3				0	3				
AF-112	1012	583	0.59	0.59		1	0	1				0	1				0	1				0	1				
AF-113	1012	583	0.59	1.18		2	0	2				0	2				0	2				0	2				
AF-115	1012	583	0.59	1.18		2	0	2				0	2				0	2				0	2				
AF-116	1012	583	0.59	0.59		1	0	1				0	1				0	1				0	1				
AF-118	985	583	0.57	0.57		1	0	1				0	1				0	1				0	1				
AF-119	985	583	0.57	0.57		1	0	1				0	1				0	1				0	1				
AF-120	985	583	0.57	0.57		1	0	1				0	1				0	1				0	1				
AF-140	1245	583	0.73	0.73		1	0	1				0	1				0	1				0	1				
AF-150	983	2195	2.16	2.16		1	0	1				0	1				0	1				0	1				
AF-152	1013	2195	2.22	2.22		1	0	1				0	1				0	1				0	1				
AF-153	1013	2195	2.22	2.22		1	0	1				0	1				0	1				0	1				
AF-156	1012	2195	2.22	2.22		1	0	1				0	1				0	1				0	1				
AF-157	1012	2195	2.22	2.22		1	0	1				0	1				0	1				0	1				
AF-158	1012	2195	2.22	2.22		1	0	1				0	1				0	1				0	1				
AF-160	1245	1270	1.58	1.58		1	0	1				0	1				0	1				0	1				
AF-162	700	1270	0.89	2.67		3	0	3				0	3				0	3				0	3				
AF-164	681	1270	0.86	2.59		3	0	3				0	3				0	3				0	3				
AF-165	1363	1270	1.73	1.73		1	0	1				0	1				0	1				0	1				
AF-167	1363	1270	1.73	3.46		2	0	2				0	2				0	2				0	2				
AF-168	1309	1270	1.66	1.66		1	0	1				0	1				0	1				0	1				
AF-170	1724	1270	2.19	2.19		1	0	1				0	1				0	1				0	1				
AF-171	1569	1270	1.99	1.99		1	0	1				0	1				0	1				0	1				
AF-172	787.5	1270	1.00	1.00		1	0	1				0	1				0	1				0	1				
AF-173	750	1270	0.95	0.95		1	0	1				0	1				0	1				0	1				
AF-174	750	1270	0.95	0.95		1	0	1				0	1				0	1				0	1				
AM-01	1363	3300	4.50	26.98		6	0	6				0	6				0	6				0	6				
AM-03	1363	3300	4.50	26.98		6	0	6				0	6				0	6				0	6				
AM-05	1363	3300	4.50	8.99		2	0	2				0	2				0	2				0	2				
AM-06	1728	3300	5.70	11.40		2	0	2				0	2				0	2				0	2				
AM-10	1728	3300	5.70	11.40		2	0	2				0	2				0	2				0	2				
AM-11	1245	3300	4.11	8.22		2	0	2				0	2				0	2				0	2				
AM-16	1690	3300	5.58	11.15		2	0	2				0	2				0	2				0	2				
AM-18	1780	3300	5.87	11.75		2	0	2				0	2				0	2				0	2				
AM-41	1363	3250	4.43	4.43		1	0	1				0	1				0	1				0	1				
AM-48	1363	3250	4.43	4.43		1	0	1				0	1				0	1				0	1				
AM-49	1400	3250	4.55	4.55		1	0	1				0	1				0	1				0	1				
AM-51	1690	3250	5.49	5.49		1	0	1				0	1				0	1				0	1				
AM-52	1363	3250	4.43	4.43		1	0	1				0	1				0	1				0	1				
AM-53	1363	3250	4.43	4.43		1	0	1				0	1				0	1				0	1				
AM-55	1728	3250	5.61	5.61		1	0	1				0	1				0	1				0	1				
AM-56	1780	3250	5.79	5.79		1	0																				

APPENDIX B

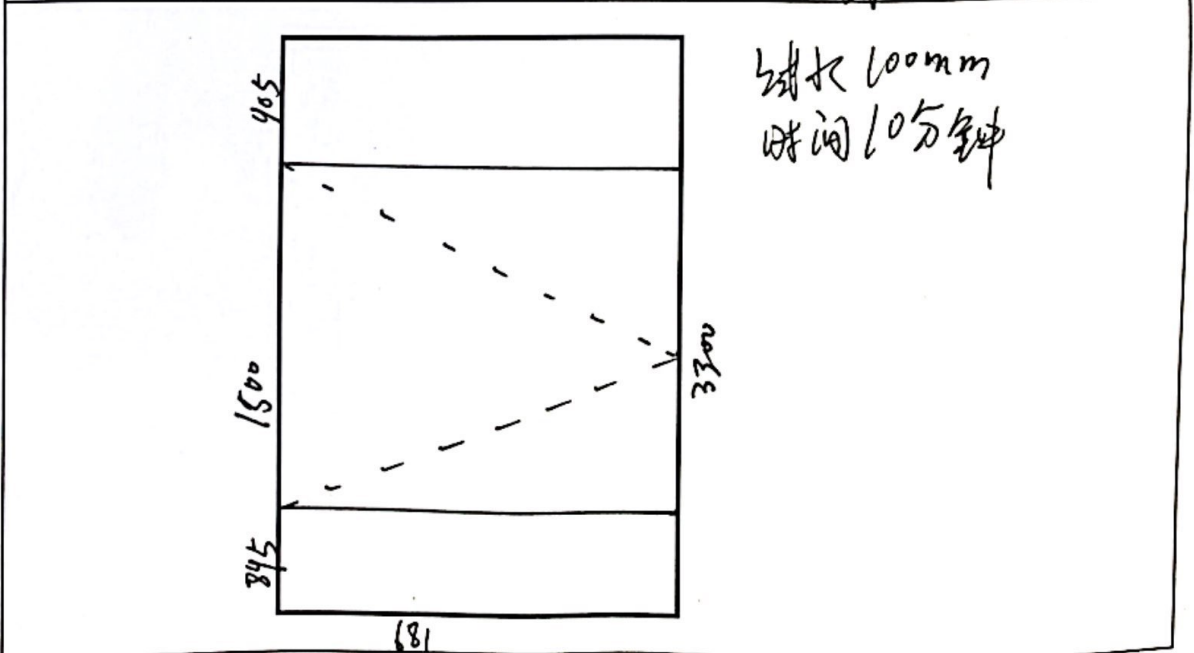
QC test report for water flooding test

幕墙单元件试水检验记录表

地盘名称: 日出康城11座A	工程编号: J858	报告编号: QC-858-010
品控员签名: 邱尚平	检验日期: 2023.2.2	加工图编号: E1/5272
审核人签名:	签名日期:	加工批次: 试水
单元件编号: AS-10	楼层编号: 15F-#4	数量: 1
检测要求: 单元件浸入水中深100mm, 各位置不可渗漏		查验结果: 合格



单元件编号: AS-10	楼层编号: 15F-#4	数量: 1
检测要求: 单元件浸入水中深100mm, 各位置不可渗漏		查验结果: 合格

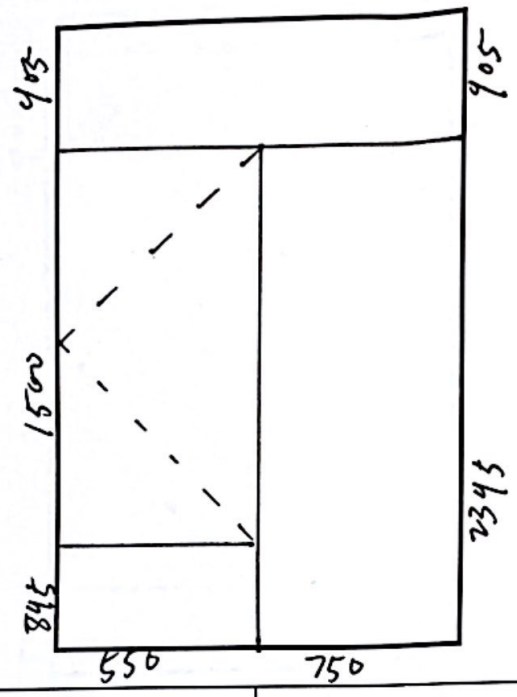


备注: 1. 检验结果合格在相应栏内打“√”。2. 检验结果不合格在相应栏内打“X”。并于空白位注明渗水位置。
3. 保证入水深度100mm, 浸泡时间10分钟。4. 根据单元件实状于框上作线, 渗水位以大写字母表示。

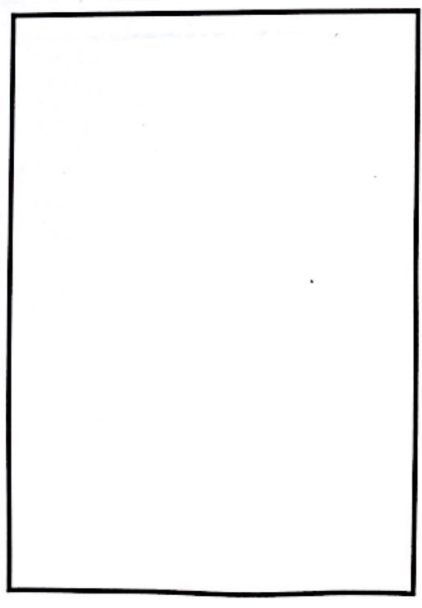


幕墙单元件试水检验记录表

地盘名称: <u>田寮康城11区</u>	工程编号: <u>J858</u>	报告编号: <u>QC-8858-014</u>
品控员签名: <u>田晓福</u>	检验日期: <u>2023.2.9</u>	加工图编号: <u>E1/5272</u>
审核人签名:	签名日期:	加工批次: <u>铺板</u>
单元件编号: <u>A3-012</u>	楼层编号: <u>10F-#1</u>	数量: <u>1</u>
检测要求: 单元件浸入水中深100mm, 各位置不可渗漏		查验结果: <u>合格</u>



单元件编号:	楼层编号:	数量:
检测要求: 单元件浸入水中深100mm, 各位置不可渗漏		查验结果:

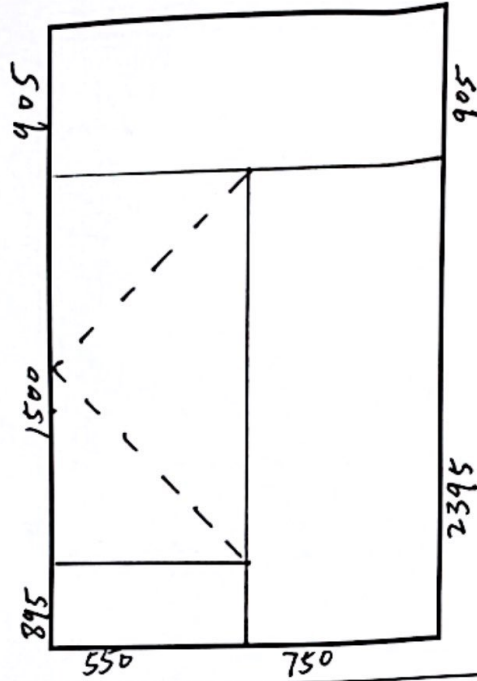


备注: 1. 检验结果合格在相应栏内打“V”。2. 检验结果不合格在相应栏内打“X”。并于空白位注明渗水位置。
3. 保证入水深度100mm, 浸泡时间10分钟。4. 根据单元件实状于框上作线, 渗水位以大写字母表示。



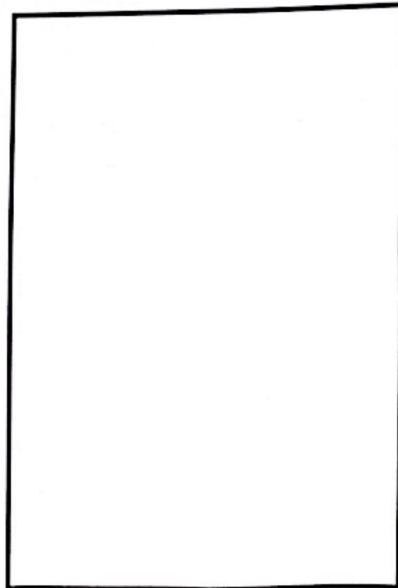
幕墙单元件试水检验记录表

地盘名称: <u>阳光城4期</u>	工程编号: <u>J858</u>	报告编号: <u>QC-J858-013</u>
品控员签名: <u>田清</u>	检验日期: <u>2023.2.9</u>	加工图编号: <u>61/5272</u>
审核人签名:	签名日期:	加工批次: <u>试水</u>
单元件编号: <u>Am-012</u>	楼层编号: <u>16F-#1</u>	数量: <u>1</u>
检测要求: 单元件浸入水中深100mm, 各位置不可渗漏		查验结果: <u>合格</u>



水深100mm
时间15分钟

单元件编号:	楼层编号:	数量:
检测要求: 单元件浸入水中深100mm, 各位置不可渗漏		查验结果:

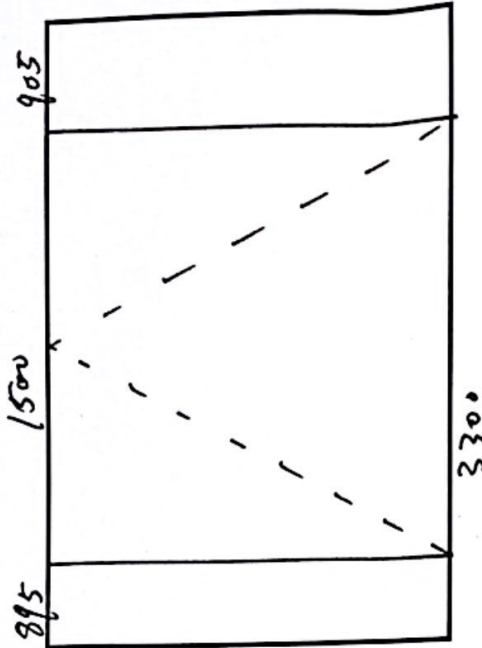


备注: 1. 检验结果合格在相应栏内打“V”。2. 检验结果不合格在相应栏内打“X”。并于空白位注明渗水位置。
3. 保证入水深度100mm, 浸泡时间10分钟。4. 根据单元件实状于框上作线, 渗水位以大写字母表示。



幕墙单元件试水检验记录表

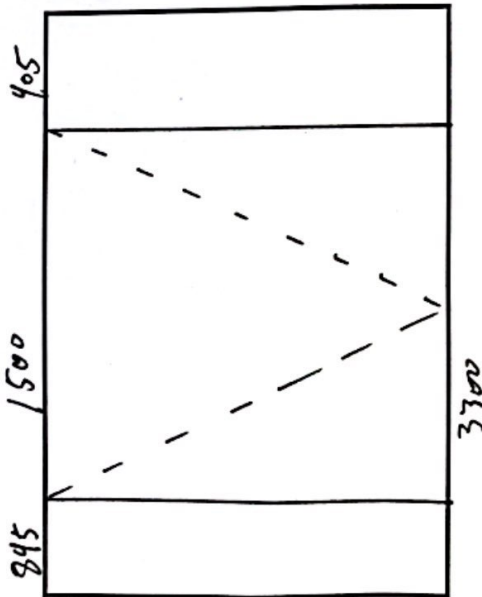
地盘名称: 日博城1期	工程编号: J85B	报告编号: QC-858-012
品控员签名: 田福裕	检验日期: 2023.2.9	加工图编号: E1/5272
审核人签名:	签名日期:	加工批次: 湖水
单元件编号: AS-09	楼层编号: 16F-#2	数量: 1
检测要求: 单元件浸入水中深100mm, 各位置不可渗漏		查验结果: 合格



水深 100mm
时间 15分钟

✓

单元件编号: AS-10	楼层编号: 16F-#4	数量: 1
检测要求: 单元件浸入水中深100mm, 各位置不可渗漏		查验结果: 合格



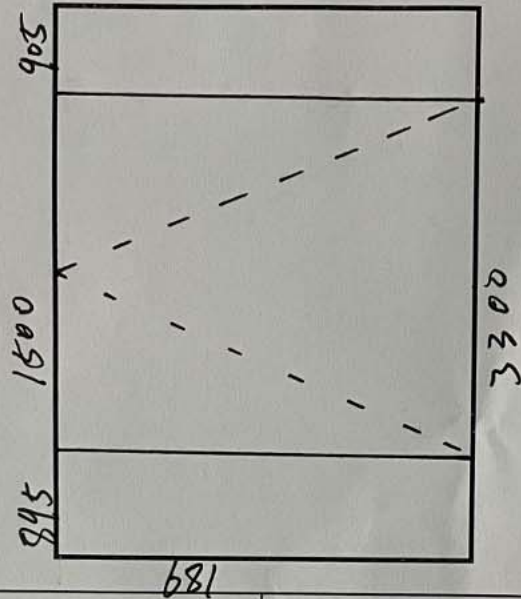
水深度 100mm
时间 10分钟

✓

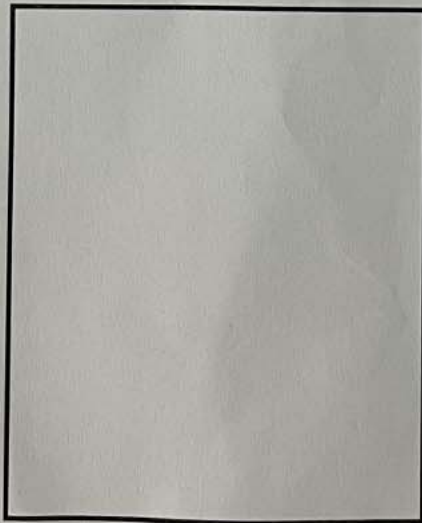
备注: 1. 检验结果合格在相应栏内打“V”。2. 检验结果不合格在相应栏内打“X”。并于空白位注明渗水位置。
3. 保证入水深度100mm, 浸泡时间10分钟。4. 根据单元件实状于框上作线, 渗水位以大写字母表示。

幕墙单元件试水检验记录表

地盘名称： <u>日出康城 11期</u>	工程编号： <u>J858</u>	报告编号： <u>QC-858-015</u>
品控员签名： <u>田南福</u>	检验日期： <u>2023.2.10</u>	加工图编号： <u>E1/5272</u>
审核人签名：	签名日期：	加工批次： <u>试水</u>
单元件编号： <u>A3-09</u>	楼层编号： <u>16F-#2</u>	数量： <u>1</u>
检测要求：单元件浸入水中深100mm，各位置不可渗漏		查验结果： <u>合格</u>



单元件编号：	楼层编号：	数量：
检测要求：单元件浸入水中深100mm，各位置不可渗漏		查验结果：



备注：1. 检验结果合格在相应栏内打“√”。2. 检验结果不合格在相应栏内打“X”。并于空白位注明渗水位置。
3. 保证入水深度100mm，浸泡时间10分钟。4. 根据单元件实状于框上作线，渗水位以大写字母表示。



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 10



Inspection Date: 17th February 2023
Issue Date: 18th February 2023

Report Reference: 60646872-FI-R-10

Site Inspection Report for
PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS
PARK, TSEUNG KWAN O. N.T.

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Appendix

Appendix A- Details of fabrication progress

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	17 th February 2023
Attending Parties:	Mr. Stephen Chow (SINO) Ms. Eunice Tang (Gammon) Mr. Jason Leung (MIDI) Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86288) for T3 9~11/F Zone M07 (T2 12 ~ 17/F Zone M06 fabrication at Hunam);
- Materials cutting, milling and drilling of extrusions for 4th log 148 nos. of unitized panels for T2 9/F to 11/F Zone M05 (Details please refer to Appendix A);
- General inspection of cleaning and degreasing process during fabrication;
- Fit-up assembly of Mullion and Transom for Zone M3 & 4 (3rd log unitized panels);
- Check fixing details and workmanship of 3rd log unitized panels for Zone M3 & 4 during fabrication;
- Check fixing details and workmanship of 3rd log unitized panels during fabrication;

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For ***Comments, Recommendation and Reminders*** please refer to ***Section 3***.
- 2) For ***Summary table of finding and remedial action*** please refer to ***Section 4***.
- 3) For ***Inspection Schedule***, please refer to ***Section 5*** at the end of this report.

Photo 1

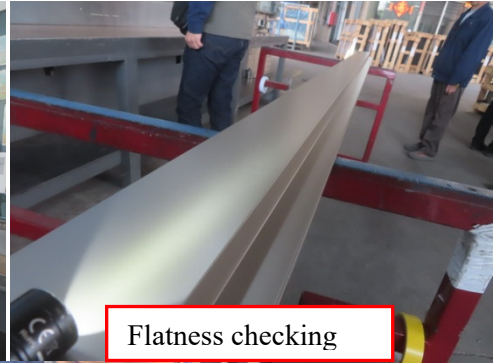
Location:
Observation

Description:
General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86288) for T3 9~11/F Zone M07

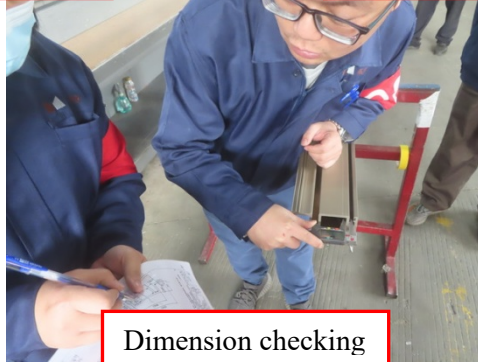
Action:



Visual Inspection



Flatness checking



Dimension checking

Photo 2

Location:
Observation

Description:
General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86288)

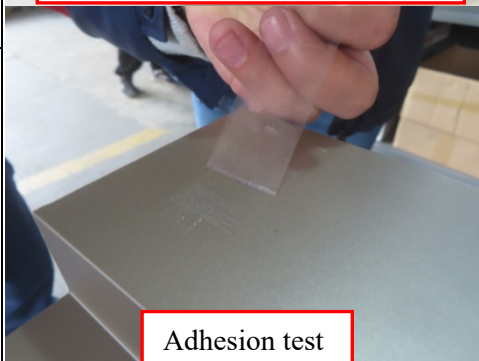
Action:



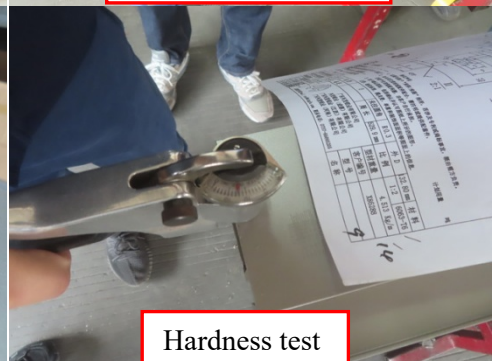
Coating thickness measurement



Surface hardness



Adhesion test



Hardness test

Photo 3

Location:
Observation

Description:
Materials cutting, milling and drilling of extrusions for 4th log 148 nos. of unitized panels for T2 9/F to 11/F Zone M05(Details please refer to Appendix A)

Action:



Photo 4

Location:
Observation

Description:
General inspection of cleaning and degreasing process during fabrication

Action:



Photo 5

Location:
Observation

Description:
Fit-up assembly of Mullion and Transom for Zone M3 & 4 (3rd 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

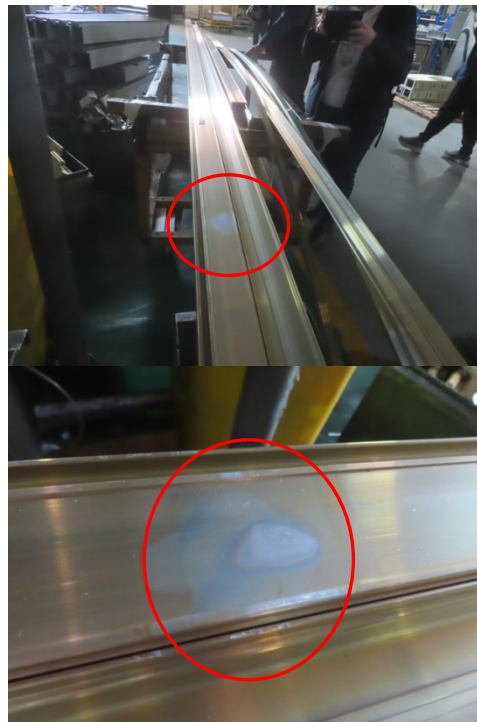


Photo 7

Location:
Observation

Description:
Check fixing details and workmanship of 3rd log unitized panels during fabrication

Action:

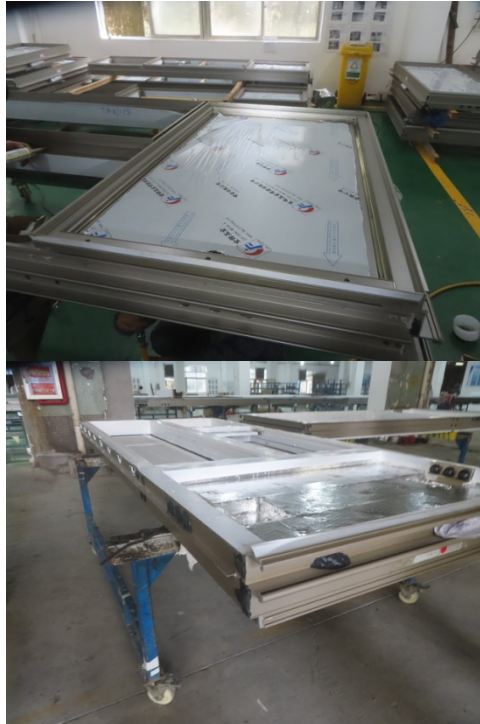


Photo 8

Location:
Observation

Description:
Check fixing details and workmanship of 3rd log unitized panels during fabrication

Action:



Photo 9

Location:
Observation

Description:
Samples for peel adhesion test and butterfly test

Action:

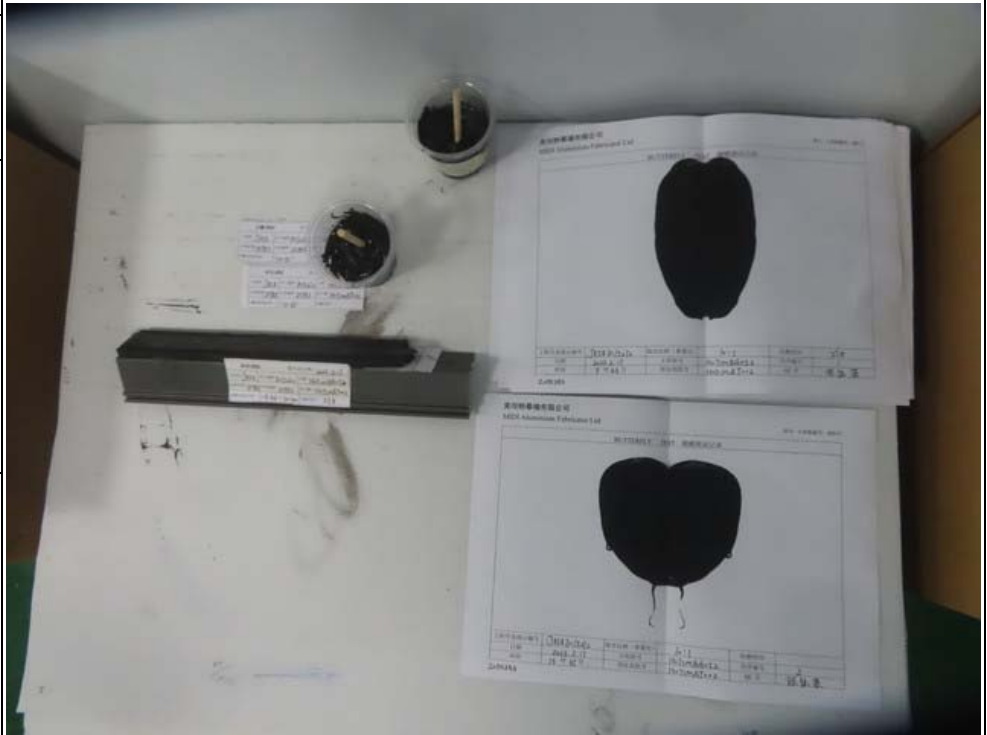


Photo 10

Location:
Observation

Description:
Defective sealant for 2nd & 3rd 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

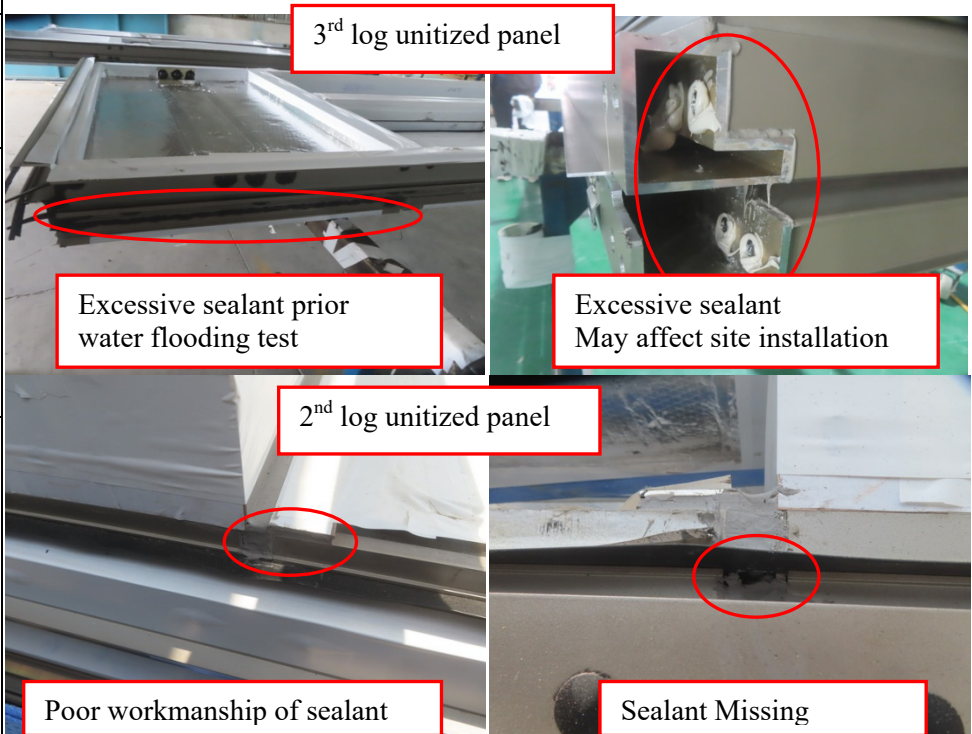


Photo 11

Location:
Observation

Description:
General view showing 3rd log packing was in progress

Action:
-

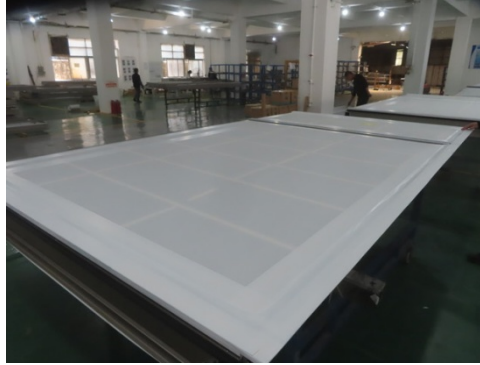


Photo 12

Location:
Observation

Description:
Final inspection of 2nd log 59 pcs. unitized panels (Zone 2)

Action:
-








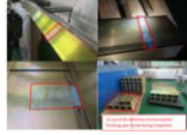
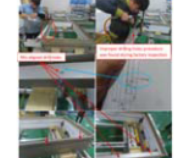
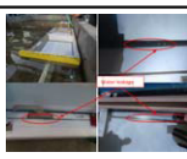





3 COMMENT, RECOMMENDATIONS AND REMINDER







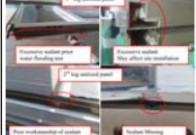
- Defective chrome plated finishing for gutter sleeve was found during factory inspection. MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works.
- Defective sealant for 2nd & 3rd log unitized panels were found during final inspection and packing. MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23- 24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-06 Photo 11	Refer to Site Memo for corrective action by Midi		Routine Monitoring
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16	Refer to Site Memo for corrective action by Midi		Routine Monitoring
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 16	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
11	Defective gasket was found during factory inspection for Zone M02 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 03	Reminder only		Routine Monitoring
12	18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion 	MIDI is required to carry out remedial works before fixing of glass panels	Report-R-07 Photo 04	Refer to Site Memo for corrective action by Midi		Routine Monitoring

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
13	Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
14	Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 13	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
15	Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 14	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
16	Gasket of unitized panels for Zone M02 were found not match with design drawing 	MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-08 Photo 06	Refer to factory inspection report-R-09 Photo 03		Routine Monitoring
17	Defective gaskets for 2nd log unitized panels were found during final inspection and packing 	MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-09 Photo 04	Reminder only		Routine Monitoring
18	Defective chrome plated finishing for gutter sleeve was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-10 Photo 06			
19	Defective sealant for 2nd & 3rd log unitized panels were found during final inspection and packing 	MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-10 Photo 10			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th	2022-11-30	CF. Cheng
5 th	2022-12-12	CF. Cheng
6 th	2022-12-20	CF. Cheng
7 th	2023-01-04	CF. Cheng
8 th	2023-02-03	CF. Cheng
9 th	2023-02-10	CF. Cheng
10 th	2023-02-17	CF. Cheng
11 th	2023-02-24	

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態			打膠狀態			包裝狀態			出貨狀態		
						總數量	已組裝數量	尚欠數量	已打膠數量	尚欠數量	已包裝數量	尚欠數量	已出貨數量	尚欠數量			
				198.21		63	63	0	63	0	63	0	43	20			
AF-021	1838	3300	6.06	24.26		4	4	0	4	0	4	0	4	0			
AF-022	1838	3250	5.97	5.97		1	1	0	1	0	1	0	1	0			
AF-025	1425	3300	4.70	18.81		4	4	0	4	0	4	0	4	0			
AF-026	1425	3250	4.63	4.63		1	1	0	1	0	1	0	1	0			
AF-029	1631	3300	5.38	10.76	有新圖紙改倉,加工中	2	2	0	2	0	2	0	0	2			
AF-047	700	3300	2.31	4.62	有新圖紙改倉,加工中	2	2	0	2	0	2	0	0	2			
AF-055	700	3250	2.28	4.55		2	2	0	2	0	2	0	2	0			
AF-056	700	3250	2.28	2.28		1	1	0	1	0	1	0	1	0			
AF-064	765	3250	2.49	2.49		1	1	0	1	0	1	0	1	0			
AF-079	1838	3300	6.06	6.06		1	1	0	1	0	1	0	1	0			
AF-081	1425	3300	4.70	4.70		1	1	0	1	0	1	0	1	0			
AF-084	1631	3300	5.38	5.38	有新圖紙改倉,加工中	1	1	0	1	0	1	0	0	1			
AF-095	700	3300	2.31	2.31	有新圖紙改倉,加工中	1	1	0	1	0	1	0	0	1			
AF-150	983	2195	2.16	2.16		1	1	0	1	0	1	0	1	0			
AF-152	1013	2195	2.22	2.22		1	1	0	1	0	1	0	1	0			
AF-153	1013	2195	2.22	2.22		1	1	0	1	0	1	0	1	0			
AF-160	1245	1270	1.58	1.58		1	1	0	1	0	1	0	1	0			
AF-161	700	1270	0.89	0.89	有新圖紙改倉,加工中	1	1	0	1	0	1	0	0	1			
AF-162	700	1270	0.89	0.89		1	1	0	1	0	1	0	0	1			
AF-163	1631	1270	2.07	2.07	有新圖紙改倉,加工中	1	1	0	1	0	1	0	0	1			
AF-164	681	1270	0.86	0.86		1	1	0	1	0	1	0	0	1			
AF-165	1363	1270	1.73	1.73		1	1	0	1	0	1	0	0	1			
AS-01	700	3300	2.31	11.55		5	5	0	5	0	5	0	5	0			
AS-03	700	3300	2.31	11.55		5	5	0	5	0	5	0	5	0			
AS-04	700	3300	2.31	6.93		3	3	0	3	0	3	0	0	3			
AS-07	700	3300	2.31	11.55		5	5	0	5	0	5	0	5	0			
AS-10	681	3300	2.25	6.74		3	3	0	3	0	3	0	0	3			
AS-12	765	3300	2.52	12.62		5	5	0	5	0	5	0	5	0			
AM-03	1363	3300	4.50	13.49		3	3	0	3	0	3	0	0	3			
AM-11	1245	3300	4.11	12.33		3	3	0	3	0	3	0	3	0			

物料狀態

	完成量	百分比
鋁料狀態	OK	
配件狀態	OK	
玻璃狀態	OK	
鋁板狀態	OK	
加工圖狀態	OK	

生產狀態

	完成量	百分比
加工工序	63	100%
組框工序	63	100%
注膠工序	63	100%
裝架工序	63	100%
出貨工序	43	68%

8幅有新圖紙改倉, 待組裝

製表日期: 17-02-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-2)						組裝狀態				打膠狀態				包裝狀態				出貨狀態							
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	60 總數量	60 已組裝數量	0 尚欠數量	12 18/12, 19/12	12 19/12	0	60 已打膠數量	0 尚欠數量	5 07/02	0	59 已包裝數量	1 尚欠數量	18 08/02	41 13/02	0	0 已出貨數量	60 尚欠數量	0	0	0
AM-03	1363	3300	4.50	22.48		5	5	0				5	0			5	0	1	4		0	5			
AM-05	1363	3300	4.50	22.48		5	5	0				5	0			5	0	3	2		0	5			
AM-12	1300	3300	4.29	21.45		5	5	0				5	0			5	0	1	4		0	5			
AM-48	1363	3250	4.43	4.43		1	1	0				1	0			1	0		1		0	1			
AM-53	1363	3250	4.43	4.43		1	1	0				1	0			1	0		1		0	1			
AM-54	1300	3250	4.23	4.23		1	1	0				1	0			1	0		1		0	1			
AF-011	1857	3300	6.13	24.51		4	4	0		4		4	0			4	0	3	1		0	4			
AF-013	1857	3250	6.03	6.03		1	1	0	1			1	0	1		1	0		1		0	1			
AF-031	1747	3250	5.68	5.68		1	1	0		1		1	0	1		1	0		1		0	1			
AF-030	1747	3300	5.76	23.05		4	4	0		4		4	0	2		3	1	1	2		0	4			
AF-060	681	3250	2.21	2.21		1	1	0				1	0			1	0		1		0	1			
AF-062	681	3250	2.21	2.21		1	1	0				1	0			1	0		1		0	1			
AF-064	765	3250	2.49	2.49		1	1	0	1			1	0			1	0		1		0	1			
AF-065	765	3250	2.49	2.49		1	1	0	1			1	0			1	0		1		0	1			
AF-073	1857	3300	6.13	6.13		1	1	0		1		1	0			1	0		1		0	1			
AF-085	1747	3300	5.76	5.76		1	1	0		1		1	0	1		1	0		1		0	1			
AF-111	1012	582.5	0.59	0.59		1	1	0				1	0			1	0		1		0	1			
AF-113	1012	582.5	0.59	0.59		1	1	0				1	0			1	0		1		0	1			
AF-115	1012	582.5	0.59	0.59		1	1	0				1	0			1	0		1		0	1			
AF-122	1003	582.5	0.58	0.58		1	1	0				1	0			1	0		1		0	1			
AF-123	1003	582.5	0.58	0.58		1	1	0				1	0			1	0		1		0	1			
AF-124	1003	582.5	0.58	0.58		1	1	0				1	0			1	0		1		0	1			
AS-09	681	3300	2.25	11.24		5	5	0				5	0			5	0	3	2		0	5			
AS-10	681	3300	2.25	11.24		5	5	0				5	0			5	0	1	4		0	5			
AS-11	765	3300	2.52	12.62		5	5	0	5			5	0			5	0	4	1		0	5			
AS-13	765	3300	2.52	12.62		5	5	0	4	1		5	0			5	0	1	4		0	5			

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	60	100.0%
	配件狀態	OK		組框工序	60	100.0%
	玻璃狀態	OK		注膠工序	60	100.0%
	鋁板狀態	OK		裝架工序	59	98.3%
	加工圖狀態	OK		出貨工序	0	0.0%

製表日期: 17-02-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-3&4)					組裝狀態				打膠狀態				包裝狀態			出貨狀態									
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	97	90	7	2	12	6	0	34	63	9	8	0	0	97	0	0	0	97	0	0
				353.49		總數量	已組裝數量	尚欠數量	03/02	09/02	10/02		已打膠數量	尚欠數量	15/02	16/02		已包裝數量	尚欠數量		已出貨數量	尚欠數量			
AF-001	1830	3300	6.04	24.16		4	4	0	1				2	2	1			0	4		0	4			
AF-002	1830	3250	5.95	5.95		1	1	0					1	0				0	1		0	1			
AF-005	1563	3300	5.16	20.63		4	4	0					2	2				0	4		0	4			
AF-006	1563	3250	5.08	5.08		1	1	0					1	0				0	1		0	1			
AF-009	1309	3300	4.32	8.64		2	2	0		2			1	1		1		0	2		0	2			
AF-010	1699	3300	5.61	11.21		2	2	0		1			0	2				0	2		0	2			
AF-011	1857	3300	6.13	24.51		4	4	0					2	2	2			0	4		0	4			
AF-012	1857	3250	6.03	6.03		1	1	0					0	1				0	1		0	1			
AF-051	665	3250	2.16	2.16		1	1	0					1	0				0	1		0	1			
AF-053	700	2345	1.64	3.28		2	2	0					2	0				0	2		0	2			
AF-060	644	3250	2.09	2.09		1	1	0					1	0		1		0	1		0	1			
AF-063	765	3250	2.49	2.49		1	1	0					0	1				0	1		0	1			
AF-068	1830	3300	6.04	6.04		1	1	0		1			0	1				0	1		0	1			
AF-069	1563	3300	5.16	5.16		1	1	0		1			0	1				0	1		0	1			
AF-071	1309	3300	4.32	4.32		1	1	0		1			1	0		1		0	1		0	1			
AF-072	1699	3300	5.61	5.61		1	1	0					0	1				0	1		0	1			
AF-073	1857	3300	6.13	6.13		1	1	0					0	1				0	1		0	1			
AF-100	1007	582.5	0.59	0.59		1	1	0					1	0	1			0	1		0	1			
AF-101	1007	582.5	0.59	0.59		1	1	0					1	0	1			0	1		0	1			
AF-102	1007	582.5	0.59	0.59		1	1	0		1			1	0	1			0	1		0	1			
AF-160	1245	1270	1.58	1.58		1	1	0					0	1				0	1		0	1			
AF-164	681	1270	0.86	1.73		2	2	0					0	2				0	2		0	2			
AF-165	1363	1270	1.73	1.73		1	1	0					0	1				0	1		0	1			
AF-167	1363	1270	1.73	1.73		1	1	0					0	1				0	1		0	1			
AF-168	1309	1270	1.66	1.66		1	1	0					0	1				0	1		0	1			
AF-169	1699	1270	2.16	2.16		1	1	0					0	1				0	1		0	1			
AM-01	1363	3300	4.50	35.97		8	7	1			3		4	4	2	2		0	8		0	8			
AM-03	1363	3300	4.50	13.49		3	2	1			1		0	3				0	3		0	3			
AM-10	1400	3300	4.62	23.10		5	5	0		1	1		2	3				0	5		0	5			
AM-11	1245	3300	4.11	12.33		3	3	0					0	3				0	3		0	3			
AM-14	1640	3300	5.41	27.06		5	5	0		1			1	4				0	5		0	5			
AM-49	1400	3250	4.55	4.55		1	1	0					1	0				0	1		0	1			
AM-50	1640	3250	5.33	5.33		1	1	0					1	0				0	1		0	1			
AM-52	1363	3250	4.43	4.43		1	1	0					1	0		1		0	1		0	1			
AS-01	700	3300	2.31	11.55		5	5	0					2	3				0	5		0	5			
AS-02	700	3300	2.31	11.55		5	4	1					2	3				0	5		0	5			
AS-09	681	3300	2.25	17.98		8	7	1			3		2	6	1	1		0	8		0	8			
AS-10	681	3300	2.25	6.74		3	3	0		1	1		0	3				0	3		0	3			
AS-11	765	3300	2.52	12.62		5	2	3					0	5				0	5		0	5			
AS-14	665	3300	2.19	10.97		5	5	0					1	4		1		0	5		0	5			

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	97	100.0%
	配件狀態	OK		組框工序	90	92.8%
	玻璃狀態	OK		注膠工序	34	35.1%
	鋁板狀態	OK		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

J-858康城11期 幕牆單元件生產狀態 (T2 9-11F)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態				打膠狀態				包裝狀態				出貨狀態			
						148	0	148	0	0	0	0	0	0	148	0	0	0	0	0	148
總數量	已組裝數量	尚欠數量				已打膠數量	尚欠數量			已包裝數量	尚欠數量			已出貨數量	尚欠數量						
AF-005	1563	3300	5.16	10.31		2	0	2		0	2		0	2		0	2		0	2	
AF-006	1563	3250	5.08	5.08		1	0	1		0	1		0	1		0	1		0	1	
AF-009	1309	3300	4.32	8.64		2	0	2		0	2		0	2		0	2		0	2	
AF-011	1857	3300	6.13	24.51		4	0	4		0	4		0	4		0	4		0	4	
AF-012	1857	3250	6.03	6.03		1	0	1		0	1		0	1		0	1		0	1	
AF-013	1857	3250	6.03	6.03		1	0	1		0	1		0	1		0	1		0	1	
AF-017	1857	3300	6.13	12.25		2	0	2		0	2		0	2		0	2		0	2	
AF-018	1857	3250	6.03	6.03		1	0	1		0	1		0	1		0	1		0	1	
AF-035	1855	3300	6.12	12.24		2	0	2		0	2		0	2		0	2		0	2	
AF-036	1855	3250	6.03	6.03		1	0	1		0	1		0	1		0	1		0	1	
AF-039	1724	3300	5.69	11.38		2	0	2		0	2		0	2		0	2		0	2	
AF-040	1326	3300	4.38	8.75		2	0	2		0	2		0	2		0	2		0	2	
AF-041	1326	3250	4.31	4.31		1	0	1		0	1		0	1		0	1		0	1	
AF-042	1569	3300	5.18	10.35		2	0	2		0	2		0	2		0	2		0	2	
AF-048	787.5	3300	2.60	5.20		2	0	2		0	2		0	2		0	2		0	2	
AF-049	750	3300	2.48	4.95		2	0	2		0	2		0	2		0	2		0	2	
AF-050	750	3300	2.48	4.95		2	0	2		0	2		0	2		0	2		0	2	
AF-052	615	3250	2.00	2.00		1	0	1		0	1		0	1		0	1		0	1	
AF-053	700	3250	2.28	4.55		2	0	2		0	2		0	2		0	2		0	2	
AF-060	681	3250	2.21	4.43		2	0	2		0	2		0	2		0	2		0	2	
AF-061	681	3250	2.21	2.21		1	0	1		0	1		0	1		0	1		0	1	
AF-062	681	3250	2.21	2.21		1	0	1		0	1		0	1		0	1		0	1	
AF-063	765	3250	2.49	2.49		1	0	1		0	1		0	1		0	1		0	1	
AF-064	765	3250	2.49	2.49		1	0	1		0	1		0	1		0	1		0	1	
AF-065	765	3250	2.49	2.49		1	0	1		0	1		0	1		0	1		0	1	
AF-100	1007	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-101	1007	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-102	1007	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-103	1023	583	0.60	0.60		1	0	1		0	1		0	1		0	1		0	1	
AF-104	1023	583	0.60	0.60		1	0	1		0	1		0	1		0	1		0	1	
AF-105	1023	583	0.60	0.60		1	0	1		0	1		0	1		0	1		0	1	
AF-106	1363	583	0.79	0.79		1	0	1		0	1		0	1		0	1		0	1	
AF-107	681	583	0.40	0.40		1	0	1		0	1		0	1		0	1		0	1	
AF-108	1309	583	0.76	0.76		1	0	1		0	1		0	1		0	1		0	1	
AF-111	1012	583	0.59	1.77		3	0	3		0	3		0	3		0	3		0	3	
AF-112	1012	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-113	1012	583	0.59	1.18		2	0	2		0	2		0	2		0	2		0	2	
AF-115	1012	583	0.59	1.18		2	0	2		0	2		0	2		0	2		0	2	
AF-116	1012	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-118	985	583	0.57	0.57		1	0	1		0	1		0	1		0	1		0	1	
AF-119	985	583	0.57	0.57		1	0	1		0	1		0	1		0	1		0	1	
AF-120	985	583	0.57	0.57		1	0	1		0	1		0	1		0	1		0	1	
AF-140	1245	583	0.73	0.73		1	0	1		0	1		0	1		0	1		0	1	
AF-150	983	2195	2.16	2.16		1	0	1		0	1		0	1		0	1		0	1	
AF-152	1013	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-153	1013	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-156	1012	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-157	1012	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-158	1012	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-160	1245	1270	1.58	1.58		1	0	1		0	1		0	1		0	1		0	1	
AF-162	700	1270	0.89	2.67		3	0	3		0	3		0	3		0	3		0	3	
AF-164	681	1270	0.86	2.59		3	0	3		0	3		0	3		0	3		0	3	
AF-165	1363	1270	1.73	1.73		1	0	1		0	1		0	1		0	1		0	1	
AF-167	1363	1270	1.73	3.46		2	0	2		0	2		0	2		0	2		0	2	
AF-168	1309	1270	1.66	1.66		1	0	1		0	1		0	1		0	1		0	1	
AF-170	1724	1270	2.19	2.19		1	0	1		0	1		0	1		0	1		0	1	
AF-171	1569	1270	1.99	1.99		1	0	1		0	1		0	1		0	1		0	1	
AF-172	787.5	1270	1.00	1.00		1	0	1		0	1		0	1		0	1		0	1	
AF-173	750	1270	0.95	0.95		1	0	1		0	1		0	1		0	1		0	1	
AF-174	750	1270	0.95	0.95		1	0	1		0	1		0	1		0	1		0	1	
AM-01	1363	3300	4.50	26.98		6	0	6		0	6		0	6		0	6		0	6	
AM-03	1363	3300	4.50	26.98		6	0	6		0	6		0	6		0	6		0	6	
AM-05	1363	3300	4.50	8.99		2	0	2		0	2		0	2		0	2		0	2	
AM-06	1728	3300	5.70	11.40		2	0	2		0	2		0	2		0	2		0	2	
AM-10	1728	3300	5.70	11.40		2	0	2		0	2		0	2		0	2		0	2	
AM-11	1245	3300	4.11	8.22		2	0	2		0	2		0	2		0	2		0	2	
AM-16	1690	3300	5.58	11.15		2	0	2		0	2		0	2		0	2		0	2	
AM-18	1780	3300	5.87	11.75		2	0	2		0	2		0	2		0	2		0	2	
AM-41	1363	3250	4.43	4.43		1	0	1		0	1		0	1		0	1		0	1	
AM-48	1363	3250	4.43	4.43		1	0	1		0	1		0	1		0	1		0	1	
AM-49	1400	3250	4.55	4.55		1	0	1		0	1		0	1		0	1		0	1	
AM-51	1690	3250	5.49	5.49		1	0	1		0	1		0	1		0	1		0	1	
AM-52	1363	3250	4.43	4.43		1	0	1		0	1		0	1		0	1		0	1	
AM-53	1363	3250	4.43	4.43		1	0	1		0	1		0	1		0	1		0	1	
AM-55	1728	3250	5.61	5.61		1	0	1		0	1		0	1		0	1		0	1	
AM-56	1780	3250	5.79	5.79		1	0	1		0	1		0	1		0	1		0	1	
AS-01	700	3300	2.31	4.62		2	0	2		0	2		0	2		0	2		0	2	
AS-02	700	3300	2.31	9.24		4	0	4		0	4		0	4		0	4		0	4	
AS-05	700	3300	2.31	4.62		2	0	2		0	2		0	2		0	2		0	2	
AS-06	700	3300	2.31	4.62		2	0	2		0	2		0	2		0	2		0	2	
AS-09	681	3300	2.25	17.98		8	0	8		0	8		0	8		0	8		0	8	
AS-10	681	3300	2.25	13.48		6	0	6		0	6		0	6		0	6		0	6	
AS-11	765	3300	2.52	10.10		4	0	4		0	4		0	4		0	4		0	4	
AS-12	765	3300	2.52	5.05		2	0	2		0	2		0	2		0	2		0	2	
AS-15	615	3300	2.03	4.06		2	0	2		0	2		0	2		0	2		0	2	

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	已到96%
	鋁板狀態	OK
	加工圖狀態	OK

生產狀態	完成量	百分比
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J-858康城11期 幕牆單元件生產狀態 (T2 12-17F)						組裝狀態						打膠狀態						包裝狀態						出貨狀態												
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	136	0	136	0	0	0	0	0	136	0	0	0	0	0	0	136	0	0	0	0	0	136	0	0	0	0	136	0	0	0	0
				530.11		總數量	已組裝數量	尚欠數量						已打膠數量	尚欠數量						已包裝數量	尚欠數量					已出貨數量	尚欠數量								
AF-005	1563	3300	5.16	10.31		2	0	2						0	2						0	2					0	2								
AF-008	1563	3300	5.16	5.16		1	0	1						0	1						0	1					0	1								
AF-009	1309	3300	4.32	12.96		3	0	3						0	3						0	3					0	3								
AF-011	1857	3300	6.13	24.51		4	0	4						0	4						0	4					0	4								
AF-015	2046	3300	6.75	6.75		1	0	1						0	1						0	1					0	1								
AF-016	2046	3300	6.75	6.75		1	0	1						0	1						0	1					0	1								
AF-017	1857	3300	6.13	12.25		2	0	2						0	2						0	2					0	2								
AF-020	2046	3300	6.75	6.75		1	0	1						0	1						0	1					0	1								
AF-035	1855	3300	6.12	12.24		2	0	2						0	2						0	2					0	2								
AF-038	1855	3300	6.12	6.12		1	0	1						0	1						0	1					0	1								
AF-039	1724	3300	5.69	5.69		1	0	1						0	1						0	1					0	1								
AF-040	1326	3300	4.38	13.13		3	0	3						0	3						0	3					0	3								
AF-042	1569	3300	5.18	5.18		1	0	1						0	1						0	1					0	1								
AF-048	787.5	3300	2.60	2.60		1	0	1						0	1						0	1					0	1								
AF-049	750	3300	2.48	2.48		1	0	1						0	1						0	1					0	1								
AF-050	750	3300	2.48	2.48		1	0	1						0	1						0	1					0	1								
AF-069	1563	3300	5.16	5.16		1	0	1						0	1						0	1					0	1								
AF-071	1309	3300	4.32	4.32		1	0	1						0	1						0	1					0	1								
AF-073	1857	3300	6.13	12.25		2	0	2						0	2						0	2					0	2								
AF-077	1857	3300	6.13	6.13		1	0	1						0	1						0	1					0	1								
AF-087	1855	3300	6.12	6.12		1	0	1						0	1						0	1					0	1								
AF-088	1724	3300	5.69	5.69		1	0	1						0	1						0	1					0	1								
AF-089	1326	3300	4.38	4.38		1	0	1						0	1						0	1					0	1								
AF-093	1569	3300	5.18	5.18		1	0	1						0	1						0	1					0	1								
AF-096	787.5	3300	2.60	2.60		1	0	1						0	1						0	1					0	1								
AF-097	750	3300	2.48	2.48		1	0	1						0	1						0	1					0	1								
AF-098	750	3300	2.48	2.48		1	0	1						0	1						0	1					0	1								
AM-01	1363	3300	4.50	40.47		9	0	9						0	9						0	9					0	9								
AM-02	1363	3300	4.50	4.50		1	0	1						0	1						0	1					0	1								
AM-03	1363	3300	4.50	40.47		9	0	9						0	9						0	9					0	9								
AM-04	1363	3300	4.50	4.50		1	0	1						0	1						0	1					0	1								
AM-05	1363	3300	4.50	17.99		4	0	4						0	4						0	4					0	4								
AM-06	1728	3300	5.70	17.10		3	0	3						0	3						0	3					0	3								
AM-07	1728	3300	5.70	5.70		1	0	1						0	1						0	1					0	1								
AM-10	1400	3300	4.62	18.48		4	0	4						0	4						0	4					0	4								
AM-11	1245	3300	4.11	16.43		4	0	4						0	4						0	4					0	4								
AM-16	1690	3300	5.58	16.73		3	0	3						0	3						0	3					0	3								
AM-17	1690	3300	5.58	5.58		1	0	1						0	1						0	1					0	1								
AM-18	1780	3300	5.87	17.62		3	0	3						0	3						0	3					0	3								
AM-19	1780	3300	5.87	5.87		1	0	1						0	1						0	1					0	1								
AS-01	700	3300	2.31	6.93		3	0	3						0	3						0	3					0	3								
AS-02	700	3300	2.31	11.55		5	0	5						0	5						0	5					0	5								
AS-05	700	3300	2.31	4.62		2	0	2						0	2						0	2					0	2								
AS-06	700	3300	2.31	4.62		2	0	2						0	2						0	2					0	2								
AS-09	681	3300	2.25	26.97		12	0	12						0	12						0	12					0	12								
AS-10	681	3300	2.25	20.23		9	0	9						0	9						0	9					0	9								
AS-11	765	3300	2.52	15.15		6	0	6						0	6						0	6					0	6								
AS-12	765	3300	2.52	7.57		3	0	3						0	3						0	3					0	3								
AS-15	615	3300	2.03	8.12		4	0	4						0	4						0	4					0	4								
AS-16	700	3300	2.31	2.31		1	0	1						0	1						0	1					0	1								
AS-17	700	3300	2.31	2.31		1	0	1						0	1						0	1					0	1								
AS-18	681	3300	2.25	2.25		1	0	1						0	1						0	1					0	1								
AS-19	954.5	3300	3.15	3.15		1	0	1						0	1						0	1					0	1								
AS-24	681	3300	2.25	2.25		1	0	1						0	1						0	1					0	1								
AS-25	681	3300	2.25	2.25		1	0	1						0	1						0	1					0	1								
AS-26	954.5	3300	3.15	3.15		1	0	1						0	1						0	1					0	1								
AS-27	954.5	3300	3.15	3.15		1	0	1						0	1						0	1					0	1								

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	0	0.0%
	配件狀態	OK		組框工序	0	0.0%
	玻璃狀態	已到98%		注膠工序	0	0.0%
	鋁板狀態	預計21號到貨		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

開料加工中

製表日期: 17-02-2023

J-858康城11期 幕牆單元件生產狀態 (T3 9-11F)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態				打膠狀態				包裝狀態				出貨狀態			
						總數量	已組裝數量	尚欠數量		已打膠數量	尚欠數量		已包裝數量	尚欠數量		已出貨數量	尚欠數量				
				358.64		136	0	136	0	0	0	0	0	0	0	0	0	0			
AF-005	1563	3300	5.16	10.31		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-006	1563	3250	5.08	5.08		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-009	1309	3300	4.32	8.64		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-011	1857	3300	6.13	12.25		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-013	2046	3250	6.65	6.65		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-021	1838	3300	6.06	12.13		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-022	2027	3250	6.59	6.59		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-025	1425	3300	4.70	9.41		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-026	1425	3250	4.63	4.63		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-035	1855	3300	6.12	12.24		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-036	2138	3250	6.95	6.95		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-042	1569	3300	5.18	10.35		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-043	1590	3300	5.25	10.49		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-044	1590	3250	5.17	5.17		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-048	787.5	3300	2.60	5.20		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-052	615	3250	2.00	2.00		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-053	700	3250	2.28	4.55		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-055	700	3250	2.28	4.55		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-056	700	3250	2.28	2.28		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-057	700	3250	2.28	2.28		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-062	681	3250	2.21	2.21		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-063	954.5	3250	3.10	3.10		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-064	954.5	3250	3.10	3.10		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-065	954.5	3250	3.10	3.10		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-100	1007	582.5	0.59	0.59		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-101	1007	582.5	0.59	0.59		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-102	1007	582.5	0.59	0.59		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-103	1023	582.5	0.60	0.60		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-104	1023	582.5	0.60	0.60		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-105	1023	582.5	0.60	0.60		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-106	1363	582.5	0.79	1.59		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-107	681	582.5	0.40	0.79		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-108	1309	582.5	0.76	0.76		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-111	1012	582.5	0.59	1.77		3	0	3	0	3	0	3	0	3	0	3	0	3			
AF-112	1012	582.5	0.59	0.59		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-113	1012	582.5	0.59	1.18		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-115	1012	582.5	0.59	1.18		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-116	1012	582.5	0.59	0.59		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-118	985	582.5	0.57	0.57		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-119	985	582.5	0.57	0.57		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-120	985	582.5	0.57	0.57		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-126	983	582.5	0.57	0.57		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-127	1013	582.5	0.59	0.59		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-128	1013	582.5	0.59	0.59		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-130	700	582.5	0.41	0.41		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-131	787.5	582.5	0.46	0.46		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-137	1569	582.5	0.91	0.91		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-139	1690	905	1.53	1.53		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-140	1245	582.5	0.73	0.73		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-154	1012	2195	2.22	4.44		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-155	1012	2195	2.22	2.22		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-156	1012	2195	2.22	2.22		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-157	1012	2195	2.22	4.44		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-160	1245	1270	1.58	1.58		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-162	700	1270	0.89	2.67		3	0	3	0	3	0	3	0	3	0	3	0	3			
AF-164	681	1270	0.86	3.46		4	0	4	0	4	0	4	0	4	0	4	0	4			
AF-165	1363	1270	1.73	3.46		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-167	1363	1270	1.73	3.46		2	0	2	0	2	0	2	0	2	0	2	0	2			
AF-168	1309	1270	1.66	1.66		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-170	1724	1270	2.19	2.19		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-171	1569	1270	1.99	1.99		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-172	787.5	1270	1.00	1.00		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-173	750	1270	0.95	0.95		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-174	750	1270	0.95	0.95		1	0	1	0	1	0	1	0	1	0	1	0	1			
AF-175	1326	1270	1.68	1.68		1	0	1	0	1	0	1	0	1	0	1	0	1			
AM-01	1363	3300	4.50	17.99		4	0	4	0	4	0	4	0	4	0	4	0	4			
AM-05	1363	3300	4.50	8.99		2	0	2	0	2	0	2	0	2	0	2	0	2			
AM-08	1825	3300	6.02	12.05		2	0	2	0	2	0	2	0	2	0	2	0	2			
AM-10	1400	3300	4.62	9.24		2	0	2	0	2	0	2	0	2	0	2	0	2			
AM-11	1245	3300	4.11	8.22		2	0	2	0	2	0	2	0	2	0	2	0	2			
AM-16	1690	3300	5.58	5.58		1	0	1	0	1	0	1	0	1	0	1	0	1			
AM-48	1363	3250	4.43	4.43		1	0	1	0	1	0	1	0	1	0	1	0	1			
AM-49	1400	3250	4.55	4.55		1	0	1	0	1	0	1	0	1	0	1	0	1			
AM-51	1690	3250	5.49	5.49		1	0	1	0	1	0	1	0	1	0	1	0	1			
AM-57	1825	3250	5.93	5.93		1	0	1	0	1	0	1	0	1	0	1	0	1			
AS-01	700	3300	2.31	9.24		4	0	4	0	4	0	4	0	4	0	4	0	4			
AS-02	700	3300	2.31	4.62		2	0	2	0	2	0	2	0	2	0	2	0	2			
AS-03	700	3300	2.31																		



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 11



Inspection Date: 24th February 2023
Issue Date: 26th February 2023

Report Reference: 60646872-FI-R-11

Site Inspection Report for
PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS
PARK, TSEUNG KWAN O. N.T.

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Appendix

Appendix A- Details of fabrication progress

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	24 th February 2023
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 邱秉安先生(美而特生產主管) 王良先生(美而特質檢主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- General inspection, dimension checking and testing of raw materials / extrusion(Die no.X86288) for T3 9~11/F Zone M07;
- Materials cutting, milling and drilling of extrusions for 6th log 136 nos. of unitized panels for T3 9/F to 11/F Zone M07 (Details please refer to Appendix A);
- Fit-up assembly of Mullion and Transom for Zone M3 & 4 (3rd log unitized panels);
- Dimension checking of assembled transom and mullion (3th log unitized panels for Zone M3 & 4);
- Fixing of back panel and application of sealant for Zone M01 (1st log unitized panels- 8 幅改倉);
- Fixing of glazing for Zone M01 (1st log unitized panels- 8 幅改倉);
- Sampling of structural sealant and verification;
- Application of structural sealant for 1st log unitized panels- 8 幅改倉;
- Application of Dowsil 791 weather sealant and final protection for 1st log unitized panels- 8 幅改倉;

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For ***Comments, Recommendation and Reminders*** please refer to ***Section 3***.
- 2) For ***Summary table of finding and remedial action*** please refer to ***Section 4***.
- 3) For ***Inspection Schedule***, please refer to ***Section 5*** at the end of this report.

Photo 1

Location:
Observation

Description:
General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86288) for T3 9~11/F Zone M07

Action:



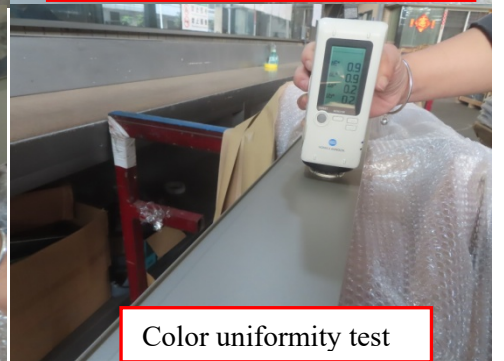
Visual Inspection



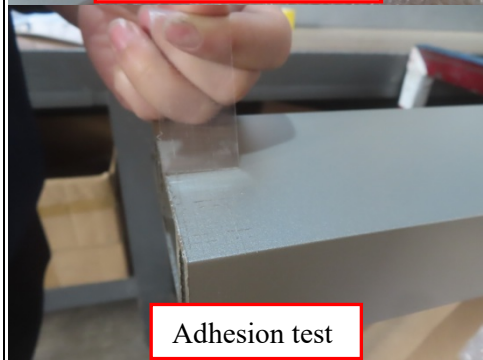
Coating thickness measurement



Brightness test



Color uniformity test



Adhesion test



Hardness test

Photo 2

Location:
Observation

Description:
Materials cutting, milling and drilling of extrusions for 6th log 136 nos. of unitized panels for T3 9/F to 11/F Zone M07 (Details please refer to Appendix A)

Action:

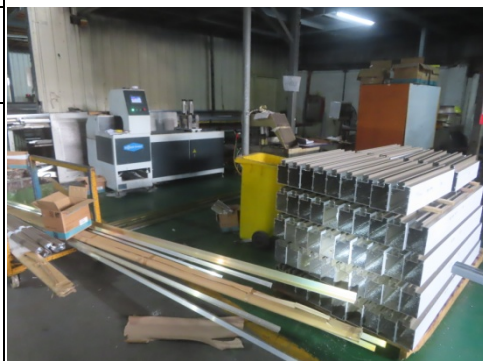


Photo 3

Location:
Observation

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

Action:
-

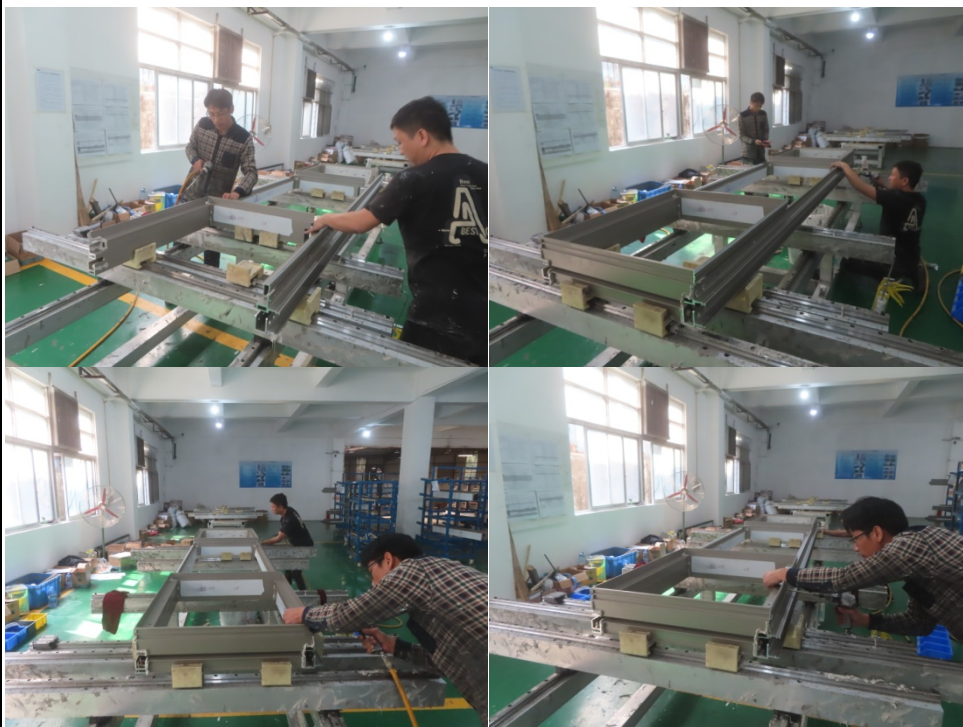


Photo 4

Location:
Observation

Description:
Dimension checking of assembled transom and mullion (3th log unitized panels for Zone M3 & 4)

Action:
-



Photo 5

Location:
Observation

Description:
Fixing of back panel and application of sealant for Zone M01 (1st log unitized panels- 8 幅改倉)

Action:

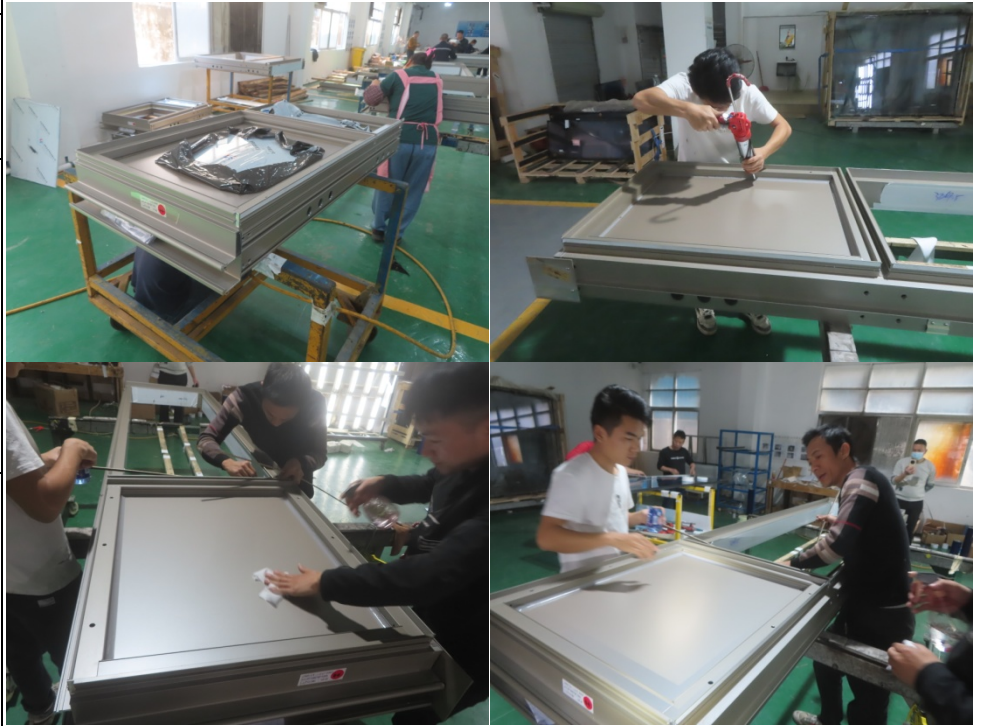


Photo 6

Location:
Observation

Description:
Fixing of glazing for Zone M01 (1st log unitized panels- 8 幅改倉)

Action:



Photo 7

Location:
Observation

Description:
Sampling of structural sealant and verification

Action:



Structural sealant verification

Sampling for structural sealant - Butterfly test and peel adhesion test

Photo 8

Location:
Observation

Description:
Application of structural sealant

Action:



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 2nd & 3rd 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

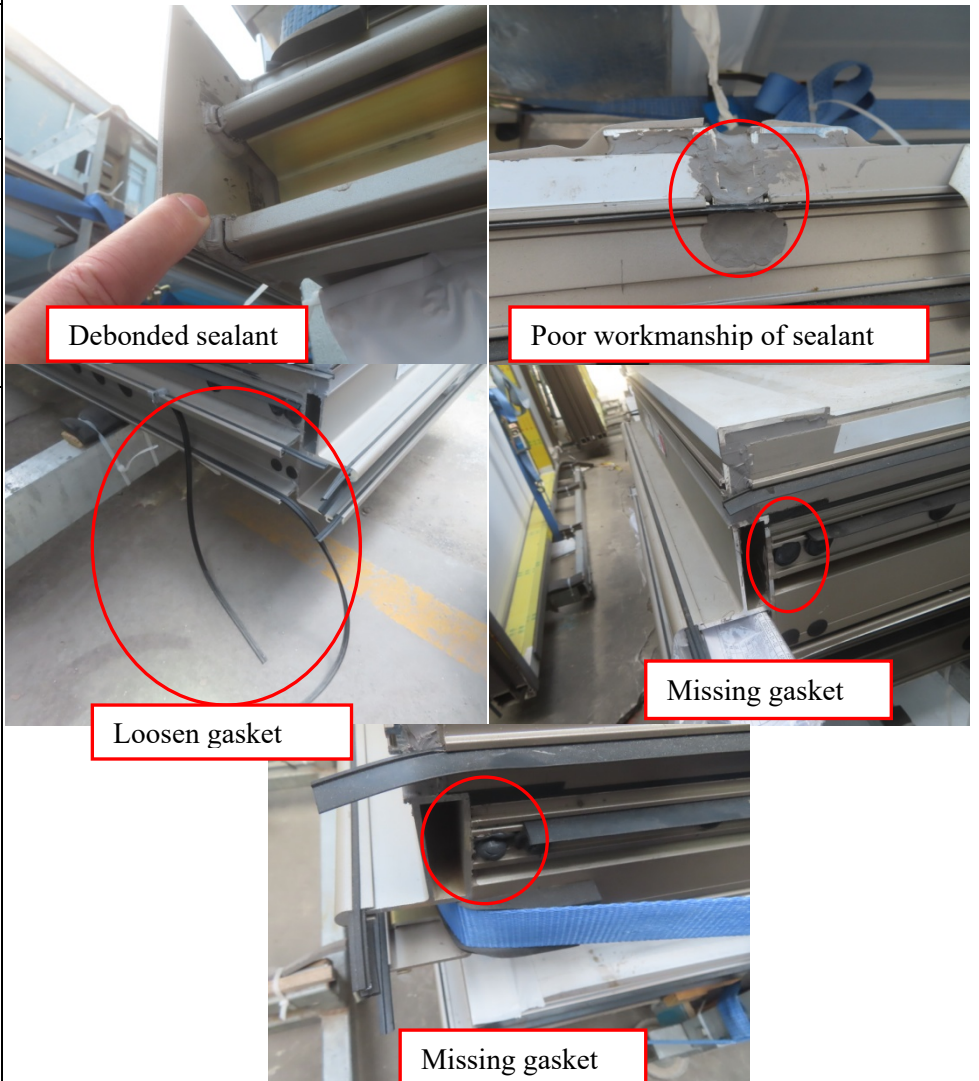


Photo 11

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












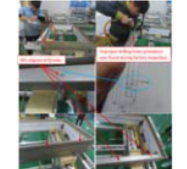






3 COMMENT, RECOMMENDATIONS AND REMINDER










- Defective sealant and gasket for 2nd & 3rd log unitized panels were found during final inspection and packing. MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works.
- Defective chrome plated finishing for extrusion clip was found during factory inspection. MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23- 24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-06 Photo 11	Refer to Site Memo for corrective action by Midi		Routine Monitoring
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16	Refer to Site Memo for corrective action by Midi		Routine Monitoring
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 16	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
11	Defective gasket was found during factory inspection for Zone M02 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 03	Reminder only		Routine Monitoring
12	18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion 	MIDI is required to carry out remedial works before fixing of glass panels	Report-R-07 Photo 04	Refer to Site Memo for corrective action by Midi		Routine Monitoring

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
13	Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
14	Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 13	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
15	Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 14	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
16	Gasket of unitized panels for Zone M02 were found not match with design drawing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-08 Photo 06	Refer to factory inspection report-R-09 Photo 03		Routine Monitoring
17	Defective gaskets for 2nd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-09 Photo 04	Reminder only		Routine Monitoring
18	Defective chrome plated finishing for gutter sleeve was found during factory inspection	 MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-10 Photo 06			
19	Defective sealant for 2nd & 3rd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-10 Photo 10			
20	Defective sealant and gasket for 2nd & 3rd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-11 Photo 10			
21	Defective chrome plated finishing for extrusion clip was found during factory inspection	 MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-11 Photo 11			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule		
	Date	Inspection Engineer
1 st	2022-11-18	CF. Cheng
2 nd	2022-11-21	CF. Cheng
3 rd	2022-11-25	CF. Cheng
4 th	2022-11-30	CF. Cheng
5 th	2022-12-12	CF. Cheng
6 th	2022-12-20	CF. Cheng
7 th	2023-01-04	CF. Cheng
8 th	2023-02-03	CF. Cheng
9 th	2023-02-10	CF. Cheng
10 th	2023-02-17	CF. Cheng
11 th	2023-02-24	CF. Cheng
12 th	2023-03-03	

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態					打膠狀態				包裝狀態				出貨狀態							
						總數量	已組裝數量	尚欠數量	7	3	0	已打膠數量	尚欠數量	25/11	21/12	已包裝數量	尚欠數量	21/12	13/02	已出貨數量	尚欠數量	28/11	12/01	13/02		
				198.21		63	63	0	7	3	0	63	0	29	13	63	0	12	5	43	20	4	12	27	0	
AF-021	1838	3300	6.06	24.26		4	4	0	2			4	0		4	4	0	4		4	0		2	2		
AF-022	1838	3250	5.97	5.97		1	1	0		1		1	0		1	1	0	1		1	0			1		
AF-025	1425	3300	4.70	18.81		4	4	0				4	0	4		4	0			4	0		2	2		
AF-026	1425	3250	4.63	4.63		1	1	0				1	0	1		1	0	1		1	0			1		
AF-029	1631	3300	5.38	10.76	改倉已組框, 待擠膠	2	2	0				2	0			2	0			0	2					
AF-047	700	3300	2.31	4.62	改倉已組框, 待擠膠	2	2	0				2	0			2	0			0	2					
AF-055	700	3250	2.28	4.55		2	2	0				2	0	2		2	0			2	0			2		
AF-056	700	3250	2.28	2.28		1	1	0				1	0	1		1	0	1		1	0			1		
AF-064	765	3250	2.49	2.49		1	1	0		1		1	0		1	0	1	1		1	0			1		
AF-079	1838	3300	6.06	6.06		1	1	0		1		1	0		1	0	1	1		1	0			1		
AF-081	1425	3300	4.70	4.70		1	1	0				1	0	1		1	0			1	0			1		
AF-084	1631	3300	5.38	5.38	改倉已組框, 待擠膠	1	1	0				1	0			1	0			0	1					
AF-095	700	3300	2.31	2.31	改倉已組框, 待擠膠	1	1	0				1	0			1	0			0	1					
AF-150	983	2195	2.16	2.16		1	1	0				1	0		1	0	1			1	0			1		
AF-152	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0			1		
AF-153	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0			1		
AF-160	1245	1270	1.58	1.58		1	1	0				1	0			1	0			1	0	1				
AF-161	700	1270	0.89	0.89	改倉已組框, 待擠膠	1	1	0				1	0			1	0			0	1					
AF-162	700	1270	0.89	0.89		1	1	0				1	0			1	0			0	1					
AF-163	1631	1270	2.07	2.07	改倉已組框, 待擠膠	1	1	0				1	0			1	0			0	1					
AF-164	681	1270	0.86	0.86		1	1	0				1	0			1	0			0	1					
AF-165	1363	1270	1.73	1.73		1	1	0				1	0			1	0			0	1					
AS-01	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1	1	5	0		2	3		
AS-03	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1	1	5	0		2	3		
AS-04	700	3300	2.31	6.93		3	3	0				3	0			3	0			0	3					
AS-07	700	3300	2.31	11.55		5	5	0				5	0	5		5	0			5	0		2	3		
AS-10	681	3300	2.25	6.74		3	3	0				3	0			3	0			0	3					
AS-12	765	3300	2.52	12.62		5	5	0	5			5	0		5	5	0	5		5	0		2	3		
AM-03	1363	3300	4.50	13.49		3	3	0				3	0			3	0			0	3					
AM-11	1245	3300	4.11	12.33		3	3	0				3	0	3		3	0			3	0	3				

物料狀態

	完成量	百分比
鋁料狀態	OK	
配件狀態	OK	
玻璃狀態	OK	
鋁板狀態	OK	
加工圖狀態	OK	

生產狀態

	完成量	百分比
加工工序	63	100%
組框工序	63	100%
注膠工序	63	100%
裝架工序	63	100%
出貨工序	43	68%

8幅改倉 已組框, 待擠膠

製表日期: 24-02-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-2)

單元編號	寬度 mm	高度 mm	單件面積	####	總面積	備註	組裝狀態					打膠狀態				包裝狀態				出貨狀態						
							總數量	已組裝數量	尚欠數量	18/12	19/12	已打膠數量	尚欠數量	07/02	已包裝數量	尚欠數量	08/02	已出貨數量	尚欠數量	0	0	0				
AM-03	1363	3300	4.50	22.48			5	5	0				5	0		5	0	1	0	0	5					
AM-05	1363	3300	4.50	22.48			5	5	0				5	0		5	0	3	0	0	5					
AM-12	1300	3300	4.29	21.45			5	5	0				5	0		5	0	1	0	0	5					
AM-48	1363	3250	4.43	4.43			1	1	0				1	0		1	0			0	1					
AM-53	1363	3250	4.43	4.43			1	1	0				1	0		1	0			0	1					
AM-54	1300	3250	4.23	4.23			1	1	0				1	0		1	0			0	1					
AF-011	1857	3300	6.13	24.51			4	4	0		4		4	0		4	0	3		0	4					
AF-013	1857	3250	6.03	6.03			1	1	0		1		1	0	1	1	0			0	1					
AF-031	1747	3250	5.68	5.68			1	1	0		1		1	0	1	1	0			0	1					
AF-030	1747	3300	5.76	23.05			4	4	0		4		4	0	2		4	0	1		0	4				
AF-060	681	3250	2.21	2.21			1	1	0				1	0		1	0			0	1					
AF-062	681	3250	2.21	2.21			1	1	0				1	0		1	0			0	1					
AF-064	765	3250	2.49	2.49			1	1	0		1		1	0		1	0			0	1					
AF-065	765	3250	2.49	2.49			1	1	0		1		1	0		1	0			0	1					
AF-073	1857	3300	6.13	6.13			1	1	0		1		1	0		1	0			0	1					
AF-085	1747	3300	5.76	5.76			1	1	0		1		1	0	1		1	0			0	1				
AF-111	1012	582.5	0.59	0.59			1	1	0				1	0		1	0			0	1					
AF-113	1012	582.5	0.59	0.59			1	1	0				1	0		1	0			0	1					
AF-115	1012	582.5	0.59	0.59			1	1	0				1	0		1	0			0	1					
AF-122	1003	582.5	0.58	0.58			1	1	0				1	0		1	0			0	1					
AF-123	1003	582.5	0.58	0.58			1	1	0				1	0		1	0			0	1					
AF-124	1003	582.5	0.58	0.58			1	1	0				1	0		1	0			0	1					
AS-09	681	3300	2.25	11.24			5	5	0				5	0		5	0	3		0	5					
AS-10	681	3300	2.25	11.24			5	5	0				5	0		5	0	1		0	5					
AS-11	765	3300	2.52	12.62			5	5	0		5		5	0		5	0	4		0	5					
AS-13	765	3300	2.52	12.62			5	5	0		4	1	5	0		5	0	1		0	5					

物料狀態

	完成量	百分比
鋁料狀態	OK	
配件狀態	OK	
玻璃狀態	OK	
鋁板狀態	OK	
加工圖狀態	OK	

生產狀態

	完成量	百分比
加工工序	60	100.0%
組框工序	60	100.0%
注膠工序	60	100.0%
裝架工序	60	100.0%
出貨工序	0	0.0%

製表日期: 24-02-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-3&4)					組裝狀態					打膠狀態				包裝狀態				出貨狀態									
單元編號	寬度 mm	高度 mm	單件 面積	總面積	備註	353.49	97	97	0	2	12	6	0	97	0	9	8	0	45	52	20	15	0	0	97	0	0
						總數量	已組裝 數量	尚欠 數量	03/02	09/02	10/02	已打膠 數量	尚欠 數量	15/02	16/02	已包裝 數量	尚欠 數量	18/02	20/02	已出貨 數量	尚欠 數量						
AF-001	1830	3300	6.04	24.16			4	4	0				4	0				2	2				0	4			
AF-002	1830	3250	5.95	5.95			1	1	0				1	0				1	0				0	1			
AF-005	1563	3300	5.16	20.63			4	4	0				4	0				3	1				0	4			
AF-006	1563	3250	5.08	5.08			1	1	0				1	0				1	0				0	1			
AF-009	1309	3300	4.32	8.64			2	2	0			2	2	0			1	1			1	1	0	2			
AF-010	1699	3300	5.61	11.21			2	2	0			1	2	0				0	2				0	2			
AF-011	1857	3300	6.13	24.51			4	4	0				4	0			2	2			2	2	0	4			
AF-012	1857	3250	6.03	6.03			1	1	0				1	0				0	1				0	1			
AF-051	665	3250	2.16	2.16			1	1	0				1	0				1	0			1	0	1			
AF-053	700	2345	1.64	3.28			2	2	0				2	0				2	0			2	0	2			
AF-060	644	3250	2.09	2.09			1	1	0				1	0			1	0			1	0	0	1			
AF-063	765	3250	2.49	2.49			1	1	0				1	0				0	1				0	1			
AF-068	1830	3300	6.04	6.04			1	1	0			1	1	0				0	1				0	1			
AF-069	1563	3300	5.16	5.16			1	1	0				1	0				0	1				0	1			
AF-071	1309	3300	4.32	4.32			1	1	0			1	1	0			1	0			1	0	0	1			
AF-072	1699	3300	5.61	5.61			1	1	0				1	0				0	1			1	0	0	1		
AF-073	1857	3300	6.13	6.13			1	1	0				1	0				0	1				0	1			
AF-100	1007	582.5	0.59	0.59			1	1	0				1	0			1	0			1	0	0	1			
AF-101	1007	582.5	0.59	0.59			1	1	0				1	0			1	0			1	0	0	1			
AF-102	1007	582.5	0.59	0.59			1	1	0			1	1	0				1	0			1	0	0	1		
AF-160	1245	1270	1.58	1.58			1	1	0				1	0				0	1				0	1			
AF-164	681	1270	0.86	1.73			2	2	0				2	0				0	2				0	2			
AF-165	1363	1270	1.73	1.73			1	1	0				1	0				0	1				0	1			
AF-167	1363	1270	1.73	1.73			1	1	0				1	0				0	1				0	1			
AF-168	1309	1270	1.66	1.66			1	1	0				1	0				0	1				0	1			
AF-169	1699	1270	2.16	2.16			1	1	0				1	0				0	1				0	1			
AM-01	1363	3300	4.50	35.97			8	8	0			3	8	0			2	2			4	4	4	0	8		
AM-03	1363	3300	4.50	13.49			3	3	0			1	3	0				0	3				0	3			
AM-10	1400	3300	4.62	23.10			5	5	0			1	5	0				3	2			2	2	0	5		
AM-11	1245	3300	4.11	12.33			3	3	0				3	0				0	3				0	3			
AM-14	1640	3300	5.41	27.06			5	5	0			1	5	0				3	2			1	1	0	5		
AM-49	1400	3250	4.55	4.55			1	1	0				1	0				1	0			1	0	0	1		
AM-50	1640	3250	5.33	5.33			1	1	0				1	0				1	0			1	0	0	1		
AM-52	1363	3250	4.43	4.43			1	1	0				1	0			1	0			1	0	0	1			
AS-01	700	3300	2.31	11.55			5	5	0				5	0				3	2			2	2	0	5		
AS-02	700	3300	2.31	11.55			5	5	0				5	0				3	2			2	2	0	5		
AS-09	681	3300	2.25	17.98			8	8	0			3	8	0			1	1			3	5	3	0	8		
AS-10	681	3300	2.25	6.74			3	3	0			1	3	0				0	3				0	3			
AS-11	765	3300	2.52	12.62			5	5	0				5	0				2	3			2	2	0	5		
AS-14	665	3300	2.19	10.97			5	5	0				5	0			1	1			3	2	1	0	5		

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	97	100.0%
	配件狀態	OK		組框工序	97	100.0%
	玻璃狀態	OK		注膠工序	97	100.0%
	鋁板狀態	OK		裝架工序	45	46.4%
	加工圖狀態	OK		出貨工序	0	0.0%

製表日期: 24-02-2023

J-858康城11期 幕牆單元件生產狀態 (T2 9-11F)						組裝狀態				打膠狀態				包裝狀態				出貨狀態			
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	148				0				148				0			
						總數量	已組裝數量	尚欠數量		總數量	已打膠數量	尚欠數量		總數量	已包裝數量	尚欠數量		總數量	已出貨數量	尚欠數量	
AF-005	1563	3300	5.16	10.31		2	0	2		0	2		0	2		0	2		0	2	
AF-006	1563	3250	5.08	5.08		1	0	1		0	1		0	1		0	1		0	1	
AF-009	1309	3300	4.32	8.64		2	0	2		0	2		0	2		0	2		0	2	
AF-011	1857	3300	6.13	24.51		4	0	4		0	4		0	4		0	4		0	4	
AF-012	1857	3250	6.03	6.03		1	0	1		0	1		0	1		0	1		0	1	
AF-013	1857	3250	6.03	6.03		1	0	1		0	1		0	1		0	1		0	1	
AF-017	1857	3300	6.13	12.25		2	0	2		0	2		0	2		0	2		0	2	
AF-018	1857	3250	6.03	6.03		1	0	1		0	1		0	1		0	1		0	1	
AF-035	1855	3300	6.12	12.24		2	0	2		0	2		0	2		0	2		0	2	
AF-036	1855	3250	6.03	6.03		1	0	1		0	1		0	1		0	1		0	1	
AF-039	1724	3300	5.69	11.38		2	0	2		0	2		0	2		0	2		0	2	
AF-040	1326	3300	4.38	8.75		2	0	2		0	2		0	2		0	2		0	2	
AF-041	1326	3250	4.31	4.31		1	0	1		0	1		0	1		0	1		0	1	
AF-042	1569	3300	5.18	10.35		2	0	2		0	2		0	2		0	2		0	2	
AF-048	787.5	3300	2.60	5.20		2	0	2		0	2		0	2		0	2		0	2	
AF-049	750	3300	2.48	4.95		2	0	2		0	2		0	2		0	2		0	2	
AF-050	750	3300	2.48	4.95		2	0	2		0	2		0	2		0	2		0	2	
AF-052	615	3250	2.00	2.00		1	0	1		0	1		0	1		0	1		0	1	
AF-053	700	3250	2.28	4.55		2	0	2		0	2		0	2		0	2		0	2	
AF-060	681	3250	2.21	4.43		2	0	2		0	2		0	2		0	2		0	2	
AF-061	681	3250	2.21	2.21		1	0	1		0	1		0	1		0	1		0	1	
AF-062	681	3250	2.21	2.21		1	0	1		0	1		0	1		0	1		0	1	
AF-063	765	3250	2.49	2.49		1	0	1		0	1		0	1		0	1		0	1	
AF-064	765	3250	2.49	2.49		1	0	1		0	1		0	1		0	1		0	1	
AF-065	765	3250	2.49	2.49		1	0	1		0	1		0	1		0	1		0	1	
AF-100	1007	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-101	1007	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-102	1007	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-103	1023	583	0.60	0.60		1	0	1		0	1		0	1		0	1		0	1	
AF-104	1023	583	0.60	0.60		1	0	1		0	1		0	1		0	1		0	1	
AF-105	1023	583	0.60	0.60		1	0	1		0	1		0	1		0	1		0	1	
AF-106	1363	583	0.79	0.79		1	0	1		0	1		0	1		0	1		0	1	
AF-107	681	583	0.40	0.40		1	0	1		0	1		0	1		0	1		0	1	
AF-108	1309	583	0.76	0.76		1	0	1		0	1		0	1		0	1		0	1	
AF-111	1012	583	0.59	1.77		3	0	3		0	3		0	3		0	3		0	3	
AF-112	1012	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-113	1012	583	0.59	1.18		2	0	2		0	2		0	2		0	2		0	2	
AF-115	1012	583	0.59	1.18		2	0	2		0	2		0	2		0	2		0	2	
AF-116	1012	583	0.59	0.59		1	0	1		0	1		0	1		0	1		0	1	
AF-118	985	583	0.57	0.57		1	0	1		0	1		0	1		0	1		0	1	
AF-119	985	583	0.57	0.57		1	0	1		0	1		0	1		0	1		0	1	
AF-120	985	583	0.57	0.57		1	0	1		0	1		0	1		0	1		0	1	
AF-140	1245	583	0.73	0.73		1	0	1		0	1		0	1		0	1		0	1	
AF-150	983	2195	2.16	2.16		1	0	1		0	1		0	1		0	1		0	1	
AF-152	1013	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-153	1013	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-156	1012	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-157	1012	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-158	1012	2195	2.22	2.22		1	0	1		0	1		0	1		0	1		0	1	
AF-160	1245	1270	1.58	1.58		1	0	1		0	1		0	1		0	1		0	1	
AF-162	700	1270	0.89	2.67		3	0	3		0	3		0	3		0	3		0	3	
AF-164	681	1270	0.86	2.59		3	0	3		0	3		0	3		0	3		0	3	
AF-165	1363	1270	1.73	1.73		1	0	1		0	1		0	1		0	1		0	1	
AF-167	1363	1270	1.73	3.46		2	0	2		0	2		0	2		0	2		0	2	
AF-168	1309	1270	1.66	1.66		1	0	1		0	1		0	1		0	1		0	1	
AF-170	1724	1270	2.19	2.19		1	0	1		0	1		0	1		0	1		0	1	
AF-171	1569	1270	1.99	1.99		1	0	1		0	1		0	1		0	1		0	1	
AF-172	787.5	1270	1.00	1.00		1	0	1		0	1		0	1		0	1		0	1	
AF-173	750	1270	0.95	0.95		1	0	1		0	1		0	1		0	1		0	1	
AF-174	750	1270	0.95	0.95		1	0	1		0	1		0	1		0	1		0	1	
AM-01	1363	3300	4.50	26.98		6	0	6		0	6		0	6		0	6		0	6	
AM-03	1363	3300	4.50	26.98		6	0	6		0	6		0	6		0	6		0	6	
AM-05	1363	3300	4.50	8.99		2	0	2		0	2		0	2		0	2		0	2	
AM-06	1728	3300	5.70	11.40		2	0	2		0	2		0	2		0	2		0	2	
AM-10	1728	3300	5.70	11.40		2	0	2		0	2		0	2		0	2		0	2	
AM-11	1245	3300	4.11	8.22		2	0	2		0	2		0	2		0	2		0	2	
AM-16	1690	3300	5.58	11.15		2	0	2		0	2		0	2		0	2		0	2	
AM-18	1780	3300	5.87	11.75		2	0	2		0	2		0	2		0	2		0	2	
AM-41	1363	3250	4.43	4.43		1	0	1		0	1		0	1		0	1		0	1	
AM-48	1363	3250	4.43	4.43		1	0	1		0	1		0	1		0	1		0	1	
AM-49	1400	3250	4.55	4.55		1	0	1		0	1		0	1		0	1		0	1	
AM-51	1690	3250	5.49	5.49		1	0	1		0	1		0	1		0	1		0	1	
AM-52	1363	3250	4.43	4.43		1	0	1		0	1		0	1		0	1		0	1	
AM-53	1363	3250	4.43	4.43		1	0	1		0	1		0	1		0	1		0	1	
AM-55	1728	3250	5.61	5.61		1	0	1		0	1		0	1		0	1		0	1	
AM-56	1780	3250	5.79	5.79		1	0	1		0	1		0	1		0	1		0	1	
AS-01	700	3300	2.31	4.62		2	0	2		0	2		0	2		0	2		0	2	
AS-02	700	3300	2.31	9.24		4	0	4		0	4		0	4		0	4		0	4	
AS-05	700	3300	2.31	4.62		2	0	2		0	2		0	2		0	2		0	2	
AS-06	700	3300	2.31	4.62		2	0	2		0	2		0	2		0	2		0	2	
AS-09	681	3300	2.25	17.98		8	0	8		0	8		0	8		0	8		0	8	
AS-10	681	3300	2.25	13.48		6	0	6		0	6		0	6		0	6		0	6	
AS-11	765	3300	2.52	10.10		4	0	4		0	4		0	4		0	4		0	4	
AS-12	765	3300	2.52	5.05		2	0	2		0	2		0	2		0	2		0	2	
AS-15	615	3300	2.03	4.06		2	0	2		0	2		0	2		0	2		0	2	

物料狀態	完成量	百分比	生產狀態	完成量	百分比
	鋁料狀態	OK			加工工序
配件狀態	OK		組框工序	0	0.0%
玻璃狀態	已到96%		注膠工序	0	0.0%
鋁板狀態	OK		裝架工序	0	0.0%
加工圖狀態	OK		出貨工序	0	0.0%

J-858康城11期 幕牆單元件生產狀態 (T2 12-17F)						組裝狀態				打膠狀態				包裝狀態				出貨狀態															
					530.11																												
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	136	0	136	0	0	0	0	0	0	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						總數量	已組裝數量	尚欠數量	已打膠數量	尚欠數量	已包裝數量	尚欠數量	已出貨數量	尚欠數量																			
AF-005	1563	3300	5.16	10.31		2	0	2						0	2					0	2					0	2						
AF-008	1563	3300	5.16	5.16		1	0	1						0	1					0	1					0	1						
AF-009	1309	3300	4.32	12.96		3	0	3						0	3					0	3					0	3						
AF-011	1857	3300	6.13	24.51		4	0	4						0	4					0	4					0	4						
AF-015	2046	3300	6.75	6.75		1	0	1						0	1					0	1					0	1						
AF-016	2046	3300	6.75	6.75		1	0	1						0	1					0	1					0	1						
AF-017	1857	3300	6.13	12.25		2	0	2						0	2					0	2					0	2						
AF-020	2046	3300	6.75	6.75		1	0	1						0	1					0	1					0	1						
AF-035	1855	3300	6.12	12.24		2	0	2						0	2					0	2					0	2						
AF-038	1855	3300	6.12	6.12		1	0	1						0	1					0	1					0	1						
AF-039	1724	3300	5.69	5.69		1	0	1						0	1					0	1					0	1						
AF-040	1326	3300	4.38	13.13		3	0	3						0	3					0	3					0	3						
AF-042	1569	3300	5.18	5.18		1	0	1						0	1					0	1					0	1						
AF-048	787.5	3300	2.60	2.60		1	0	1						0	1					0	1					0	1						
AF-049	750	3300	2.48	2.48		1	0	1						0	1					0	1					0	1						
AF-050	750	3300	2.48	2.48		1	0	1						0	1					0	1					0	1						
AF-069	1563	3300	5.16	5.16		1	0	1						0	1					0	1					0	1						
AF-071	1309	3300	4.32	4.32		1	0	1						0	1					0	1					0	1						
AF-073	1857	3300	6.13	12.25		2	0	2						0	2					0	2					0	2						
AF-077	1857	3300	6.13	6.13		1	0	1						0	1					0	1					0	1						
AF-087	1855	3300	6.12	6.12		1	0	1						0	1					0	1					0	1						
AF-088	1724	3300	5.69	5.69		1	0	1						0	1					0	1					0	1						
AF-089	1326	3300	4.38	4.38		1	0	1						0	1					0	1					0	1						
AF-093	1569	3300	5.18	5.18		1	0	1						0	1					0	1					0	1						
AF-096	787.5	3300	2.60	2.60		1	0	1						0	1					0	1					0	1						
AF-097	750	3300	2.48	2.48		1	0	1						0	1					0	1					0	1						
AF-098	750	3300	2.48	2.48		1	0	1						0	1					0	1					0	1						
AM-01	1363	3300	4.50	40.47		9	0	9						0	9					0	9					0	9						
AM-02	1363	3300	4.50	4.50		1	0	1						0	1					0	1					0	1						
AM-03	1363	3300	4.50	40.47		9	0	9						0	9					0	9					0	9						
AM-04	1363	3300	4.50	4.50		1	0	1						0	1					0	1					0	1						
AM-05	1363	3300	4.50	17.99		4	0	4						0	4					0	4					0	4						
AM-06	1728	3300	5.70	17.10		3	0	3						0	3					0	3					0	3						
AM-07	1728	3300	5.70	5.70		1	0	1						0	1					0	1					0	1						
AM-10	1400	3300	4.62	18.48		4	0	4						0	4					0	4					0	4						
AM-11	1245	3300	4.11	16.43		4	0	4						0	4					0	4					0	4						
AM-16	1690	3300	5.58	16.73		3	0	3						0	3					0	3					0	3						
AM-17	1690	3300	5.58	5.58		1	0	1						0	1					0	1					0	1						
AM-18	1780	3300	5.87	17.62		3	0	3						0	3					0	3					0	3						
AM-19	1780	3300	5.87	5.87		1	0	1						0	1					0	1					0	1						
AS-01	700	3300	2.31	6.93		3	0	3						0	3					0	3					0	3						
AS-02	700	3300	2.31	11.55		5	0	5						0	5					0	5					0	5						
AS-05	700	3300	2.31	4.62		2	0	2						0	2					0	2					0	2						
AS-06	700	3300	2.31	4.62		2	0	2						0	2					0	2					0	2						
AS-09	681	3300	2.25	26.97		12	0	12						0	12					0	12					0	12						
AS-10	681	3300	2.25	20.23		9	0	9						0	9					0	9					0	9						
AS-11	765	3300	2.52	15.15		6	0	6						0	6					0	6					0	6						
AS-12	765	3300	2.52	7.57		3	0	3						0	3					0	3					0	3						
AS-15	615	3300	2.03	8.12		4	0	4						0	4					0	4					0	4						
AS-16	700	3300	2.31	2.31		1	0	1						0	1					0	1					0	1						
AS-17	700	3300	2.31	2.31		1	0	1						0	1					0	1					0	1						
AS-18	681	3300	2.25	2.25		1	0	1						0	1					0	1					0	1						
AS-19	954.5	3300	3.15	3.15		1	0	1						0	1					0	1					0	1						
AS-24	681	3300	2.25	2.25		1	0	1						0	1					0	1					0	1						
AS-25	681	3300	2.25	2.25		1	0	1						0	1					0	1					0	1						
AS-26	954.5	3300	3.15	3.15		1	0	1						0	1					0	1					0	1						
AS-27	954.5	3300	3.15	3.15		1	0	1						0	1					0	1					0	1						

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	0	0.0%
	配件狀態	OK		組框工序	0	0.0%
	玻璃狀態	已到98%		注膠工序	0	0.0%
	鋁板狀態	預計21號到貨		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

製表日期: 24-02-2023

J-858康城11期 幕墙單元件生產狀態 (T3 9-11F)						組裝狀態				打膠狀態				包裝狀態				出貨狀態			
單元編號	寬度 mm	高度 mm	單元面積	總面積	備註	358.64	136	0	136	0	0	0	0	0	0	0	0	0	0	0	
						總數量	已組裝數量	尚欠數量	已打膠數量	尚欠數量	已包裝數量	尚欠數量	已出貨數量	尚欠數量							
AF-005	1563	3300	5.16	10.31			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-006	1563	3250	5.08	5.08			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-009	1309	3300	4.32	8.64			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-011	1857	3300	6.13	12.25			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-013	2046	3250	6.65	6.65			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-021	1838	3300	6.06	12.13			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-022	2027	3250	6.59	6.59			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-025	1425	3300	4.70	9.41			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-026	1425	3250	4.63	4.63			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-035	1855	3300	6.12	12.24			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-036	2138	3250	6.95	6.95			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-042	1569	3300	5.18	10.35			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-043	1590	3300	5.25	10.49			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-044	1590	3250	5.17	5.17			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-048	787.5	3300	2.60	5.20			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-052	615	3250	2.00	2.00			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-053	700	3250	2.28	4.55			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-055	700	3250	2.28	4.55			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-056	700	3250	2.28	2.28			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-057	700	3250	2.28	2.28			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-062	681	3250	2.21	2.21			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-063	954.5	3250	3.10	3.10			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-064	954.5	3250	3.10	3.10			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-065	954.5	3250	3.10	3.10			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-100	1007	582.5	0.59	0.59			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-101	1007	582.5	0.59	0.59			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-102	1007	582.5	0.59	0.59			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-103	1023	582.5	0.60	0.60			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-104	1023	582.5	0.60	0.60			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-105	1023	582.5	0.60	0.60			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-106	1363	582.5	0.79	1.59			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-107	681	582.5	0.40	0.79			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-108	1309	582.5	0.76	0.76			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-111	1012	582.5	0.59	1.77			3	0	3	0	0	0	0	0	3	0	3	0	3		
AF-112	1012	582.5	0.59	0.59			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-113	1012	582.5	0.59	1.18			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-115	1012	582.5	0.59	1.18			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-116	1012	582.5	0.59	0.59			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-118	985	582.5	0.57	0.57			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-119	985	582.5	0.57	0.57			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-120	985	582.5	0.57	0.57			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-126	983	582.5	0.57	0.57			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-127	1013	582.5	0.59	0.59			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-128	1013	582.5	0.59	0.59			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-130	700	582.5	0.41	0.41			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-131	787.5	582.5	0.46	0.46			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-137	1569	582.5	0.91	0.91			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-139	1690	905	1.53	1.53			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-140	1245	582.5	0.73	0.73			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-154	1012	2195	2.22	4.44			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-155	1012	2195	2.22	2.22			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-156	1012	2195	2.22	2.22			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-157	1012	2195	2.22	4.44			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-160	1245	1270	1.58	1.58			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-162	700	1270	0.89	2.67			3	0	3	0	0	0	0	0	3	0	3	0	3		
AF-164	681	1270	0.86	3.46			4	0	4	0	0	0	0	0	4	0	4	0	4		
AF-165	1363	1270	1.73	3.46			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-167	1363	1270	1.73	3.46			2	0	2	0	0	0	0	0	2	0	2	0	2		
AF-168	1309	1270	1.66	1.66			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-170	1724	1270	2.19	2.19			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-171	1569	1270	1.99	1.99			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-172	787.5	1270	1.00	1.00			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-173	750	1270	0.95	0.95			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-174	750	1270	0.95	0.95			1	0	1	0	0	0	0	0	1	0	1	0	1		
AF-175	1326	1270	1.68	1.68			1	0	1	0	0	0	0	0	1	0	1	0	1		
AM-01	1363	3300	4.50	17.99			4	0	4	0	0	0	0	0	4	0	4	0	4		
AM-05	1363	3300	4.50	8.99			2	0	2	0	0	0	0	0	2	0	2	0	2		
AM-08	1825	3300	6.02	12.05			2	0	2	0	0	0	0	0	2	0	2	0	2		
AM-10	1400	3300	4.62	9.24			2	0	2	0	0	0	0	0	2	0	2	0	2		
AM-11	1245	3300	4.11	8.22			2	0	2	0	0	0	0	0	2	0	2	0	2		
AM-16	1690	3300	5.58	5.58			1	0	1	0	0	0	0	0	1	0	1	0	1		
AM-48	1363	3250	4.43	4.43			1	0	1	0	0	0	0	0	1	0	1	0	1		
AM-49	1400	3250	4.55	4.55			1	0	1	0	0	0	0	0	1	0	1	0	1		
AM-51	1690	3250	5.49	5.49			1	0	1	0	0	0	0	0	1	0	1	0	1		
AM-57	1825	3250	5.93	5.93			1	0	1	0	0	0	0	0	1	0	1	0	1		
AS-01	700	3300	2.31	9.24			4	0	4	0	0	0	0	0	4	0	4	0	4		
AS-02	700	3300	2.31	4.62			2	0	2	0	0	0	0	0	2	0	2	0	2		
AS-03	700	3300	2.31	4.62			2	0	2	0	0	0	0	0	2	0	2	0	2		
AS-05	700	3300	2.31	4.62			2	0	2	0	0	0	0	0	2	0	2	0	2		
AS-07	700	3300	2.31	4.62			2	0	2	0	0	0	0	0	2	0	2	0	2		
AS-08	700	3300	2.31	4.62			2	0	2	0	0	0	0	0	2	0	2	0	2		
AS-09	681	3300	2.25	13.48			6	0	6	0	0	0	0	0	6	0	6	0	6		
AS-11	765	3300	2.52	10.10			4	0	4	0	0	0	0	0	4	0	4	0	4		
AS-12	765	3300	2.52	5.05			2	0	2	0	0	0	0	0	2	0	2	0	2		
AS-15	615	3300	2.03	4.06			2	0	2	0	0	0	0	0	2	0	2	0	2		

物料狀態	完成量	百分比
	鋁料狀態	OK
配件狀態	OK	
玻璃狀態	待來貨	
鋁板狀態	OK	
加工圖狀態	OK	

生產狀態	完成量	百分比
	加工工序	0
組框工序	0	0.0%
注膠工序		



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 12



Inspection Date: 03rd March 2023
Issue Date: 04th March 2023

Report Reference: 60646872-FI-R-12

Factory Inspection Report for
PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS
PARK, TSEUNG KWAN O. N.T.

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Appendix

Appendix A- Details of fabrication progress

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out Factory inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	03 rd March 2023
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 王良先生(美而特質檢主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86277) for T2 12~17/F Zone M06 for 湖南廠;
- Materials cutting, milling and drilling of extrusions for 6th log 136 nos. of unitized panels for T3 9/F to 11/F Zone M07 (Details please refer to Appendix A);
- General inspection of Aluminum brackets during fabrication;
- General inspection of cleaning and degreasing process during fabrication;
- Fit-up assembly of operable windows for T2 9-11/F Zone M05 (4th log unitized panels);
- Fit-up assembly of Mullion and Transom for T2 9-11/F Zone M05 (4th log unitized panels);
- Fit-up assembly of Mullion and Transom for T3 9-11/F Zone M07 (6th log unitized panels);
- Fixing of back panel for 1st log unitized panels- 改倉;
- Application of Dowsil 791 weather sealant and final protection for 1st log unitized panels- 改倉;
- Application of structural sealant for Zone M3 & 4 (3rd log unitized panels);
- Application of structural sealant for 2nd & 3rd log unitized panels (Zone M02 to M04);
- Final inspection of 2nd & 3rd log unitized panels (Zone M02 to M04) unitized panels after remedial works

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For ***Comments, Recommendation and Reminders*** please refer to ***Section 3***.
- 2) For ***Summary table of finding and remedial action*** please refer to ***Section 4***.
- 3) For ***Inspection Schedule***, please refer to ***Section 5*** at the end of this report.

Photo 1

Location:
Observation

Description:
General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86277) for T2 12~17/F Zone M06 For 湖南廠

Action:



Photo 2

Location:
Observation

Description:
Materials cutting, milling and drilling of extrusions for 6th log 136 nos. of unitized panels for T3 9/F to 11/F Zone M07 (Details please refer to Appendix A)

Action:



Photo 1

Location:
Observation

Description:
General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86277) for T2 12~17/F Zone M06 For 湖南廠

Action:



Photo 2

Location:
Observation

Description:
Materials cutting, milling and drilling of extrusions for 6th log 136 nos. of unitized panels for T3 9/F to 11/F Zone M07 (Details please refer to Appendix A)

Action:



Photo 3

Location:
Observation

Description:
General inspection of Aluminum brackets during fabrication

Action:
-



Photo 4

Location:
Observation

Description:
General inspection of cleaning and degreasing process during fabrication

Action:
-



Photo 5

Location:
Observation

Description:
Fit-up assembly of operable windows for T2 9-11/F Zone M05 (4th log unitized panels)

Action:



Photo 6

Location:
Observation

Description:
Fit-up assembly of Mullion and Transom for T2 9-11/F Zone M05 (4th log unitized panels)

Action:



Photo 7

Location:
Observation

Description:
Fit-up assembly of Mullion and Transom for T3 9-11/F Zone M07 (6th log unitized panels)

Action:



Photo 8

Location:
Observation

Description:
Fixing of back panel for 1st log unitized panels-改倉

Action:



Photo 9

Location:
Observation

Description:
Application of structural sealant for Zone M3 & 4 (3rd log unitized panels)

Action:



Photo 10

Location:
Observation

Description:
Application of structural sealant for 2nd & 3rd log unitized panels (Zone M02 to M04)

Action:

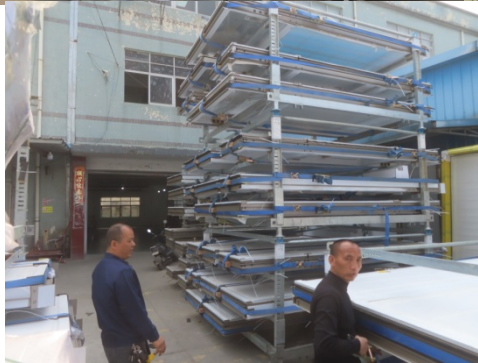


Photo 11

Location:
Observation

Description:
Final inspection of 2nd & 3rd log unitized panels (Zone M02 to M04) unitized panels after remedial works

Action:
-






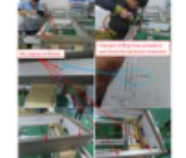






3 COMMENT, RECOMMENDATIONS AND REMINDER





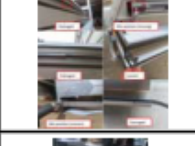

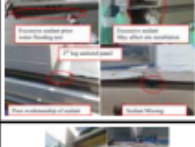

- No adverse comment this week.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Accom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing overstress, permanent defection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23-24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-06 Photo 11	Refer to Site Memo for corrective action by Midi		Routine Monitoring
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16	Refer to Site Memo for corrective action by Midi		Routine Monitoring
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 16	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
11	Defective gasket was found during factory inspection for Zone M02 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 03	Reminder only		Routine Monitoring
12	18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion 	MIDI is required to carry out remedial works before fixing of glass panels	Report-R-07 Photo 04	Refer to Site Memo for corrective action by Midi		Routine Monitoring

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
13	Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
14	Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 13	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
15	Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 14	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
16	Gasket of unitized panels for Zone M02 were found not match with design drawing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-08 Photo 06	Refer to factory inspection report-R-09 Photo 03		Routine Monitoring
17	Defective gaskets for 2nd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-09 Photo 04	Reminder only		Routine Monitoring
18	Defective chrome plated finishing for gutter sleeve was found during factory inspection	 MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-10 Photo 06	Final inspection on 3-Mar-2023, No adverse comment		Routine Monitoring
19	Defective sealant for 2nd & 3rd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-10 Photo 10			Routine Monitoring
20	Defective sealant and gasket for 2nd & 3rd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-11 Photo 10			Routine Monitoring
21	Defective chrome plated finishing for extrusion clip was found during factory inspection	 MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-11 Photo 11			Routine Monitoring

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule			
No. of Visit	Date	Factory	Inspection Engineer
1	2022-11-18	Midi 中堂 Factory	CF. Cheng
2	2022-11-21	Midi 中堂 Factory	CF. Cheng
3	2022-11-25	Midi 中堂 Factory	CF. Cheng
4	2022-11-30	Midi 中堂 Factory	CF. Cheng
5	2022-12-12	Midi 中堂 Factory	CF. Cheng
6	2022-12-20	Midi 中堂 Factory	CF. Cheng
7	2023-01-04	Midi 中堂 Factory	CF. Cheng
8	2023-02-03	Midi 中堂 Factory	CF. Cheng
9	2023-02-10	Midi 中堂 Factory	CF. Cheng
10	2023-02-17	Midi 中堂 Factory	CF. Cheng
11	2023-02-17	Polyfair~泰克邦(鋁板廠)	CF. Cheng
		Polyfair~普立幕牆(鋁料廠)	
12	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
15	2023-03-09	Midi 湖南 Factory	CF. Cheng
16	2023-03-10	Midi 中堂 Factory	CF. Cheng

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)						組裝狀態					打膠狀態				包裝狀態				出貨狀態									
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	63	63	0	7	3	0	63	0	29	13	63	0	12	5	43	20	12	27	0				
						總數量	已組裝數量	尚欠數量	17/12	19/12		已打膠數量	尚欠數量	25/11	21/12	已包裝數量	尚欠數量	21/12	13/02	已出貨數量	尚欠數量	12/01	13/02					
AF-021	1838	3300	6.06	24.26		4	4	0	2			4	0	4		4	0	4		4	0	2	2					
AF-022	1838	3250	5.97	5.97		1	1	0		1		1	0	1		1	0	1		1	0		1					
AF-025	1425	3300	4.70	18.81		4	4	0				4	0	4		4	0			4	0	2	2					
AF-026	1425	3250	4.63	4.63		1	1	0				1	0	1		1	0	1		1	0		1					
AF-029	1631	3300	5.38	10.76	改倉已擠膠, 待落架	2	2	0				2	0			2	0			2	0							
AF-047	700	3300	2.31	4.62	改倉已擠膠, 待落架	2	2	0				2	0			2	0			2	0							
AF-055	700	3250	2.28	4.55		2	2	0				2	0	2		2	0			2	0		2					
AF-056	700	3250	2.28	2.28		1	1	0				1	0	1		1	0	1		1	0		1					
AF-064	765	3250	2.49	2.49		1	1	0		1		1	0	1	1	1	0	1		1	0		1					
AF-079	1838	3300	6.06	6.06		1	1	0		1		1	0	1	1	1	0	1		1	0		1					
AF-081	1425	3300	4.70	4.70		1	1	0				1	0	1		1	0			1	0		1					
AF-084	1631	3300	5.38	5.38	改倉已擠膠, 待落架	1	1	0				1	0			1	0			1	0							
AF-095	700	3300	2.31	2.31	改倉已擠膠, 待落架	1	1	0				1	0			1	0			1	0							
AF-150	983	2195	2.16	2.16		1	1	0				1	0	1		1	0	1		1	0		1					
AF-152	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0		1					
AF-153	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0		1					
AF-160	1245	1270	1.58	1.58		1	1	0				1	0			1	0			1	0							
AF-161	700	1270	0.89	0.89	改倉已擠膠, 待落架	1	1	0				1	0			1	0			1	0							
AF-162	700	1270	0.89	0.89		1	1	0				1	0			1	0			1	0							
AF-163	1631	1270	2.07	2.07	改倉已擠膠, 待落架	1	1	0				1	0			1	0			1	0							
AF-164	681	1270	0.86	0.86		1	1	0				1	0			1	0			1	0							
AF-165	1363	1270	1.73	1.73		1	1	0				1	0			1	0			1	0							
AS-01	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1		5	0	2	3					
AS-03	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1		5	0	2	3					
AS-04	700	3300	2.31	6.93		3	3	0				3	0			3	0			3	0							
AS-07	700	3300	2.31	11.55		5	5	0				5	0	5		5	0			5	0	2	3					
AS-10	681	3300	2.25	6.74		3	3	0				3	0			3	0			3	0							
AS-12	765	3300	2.52	12.62		5	5	0	5			5	0	5		5	0	5		5	0	2	3					
AM-03	1363	3300	4.50	13.49		3	3	0				3	0			3	0			3	0							
AM-11	1245	3300	4.11	12.33		3	3	0				3	0	3		3	0			3	0							
物料狀態	完成量		百分比																									
	鋁料狀態		OK																									
	配件狀態		OK																									
	玻璃狀態		OK																									
	鋁板狀態		OK																									
	加工圖狀態		OK																									
生產狀態	完成量		百分比																									
	加工工序		63		100%																							
	組框工序		63		100%																							
	注膠工序		63		100%																							
	裝架工序		63		100%																							
	出貨工序		43		68%																							

8幅改倉 已擠膠, 待落架

製表日期: 03-03-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-2)

單元編號	寬度 mm	高度 mm	單件面積	####	總面積	備註	組裝狀態					打膠狀態				包裝狀態				出貨狀態				
							60	60	0	12	12	0	60	0	5	0	60	0	18	0	27	33	27	0
							總數量	已組裝數量	尚欠數量	18/12	19/12	已打膠數量	尚欠數量	07/02	已包裝數量	尚欠數量	08/02	已出貨數量	尚欠數量	03/03				
AM-03	1363	3300	4.50	22.48			5	5	0			5	0		5	0	1	0	5					
AM-05	1363	3300	4.50	22.48			5	5	0			5	0		5	0	3		5		5			
AM-12	1300	3300	4.29	21.45			5	5	0			5	0		5	0	1		0		5			
AM-48	1363	3250	4.43	4.43			1	1	0			1	0		1	0			1		0		1	
AM-53	1363	3250	4.43	4.43			1	1	0			1	0		1	0			0		1			
AM-54	1300	3250	4.23	4.23			1	1	0			1	0		1	0			0		1			
AF-011	1857	3300	6.13	24.51			4	4	0		4	4	0		4	0	3		4		0		4	
AF-013	1857	3250	6.03	6.03			1	1	0		1	1	0	1	1	0			1		0		1	
AF-031	1747	3250	5.68	5.68			1	1	0		1	1	0	1	1	0			0		1			
AF-030	1747	3300	5.76	23.05			4	4	0		4	4	0	2	4	0	1		0		4			
AF-060	681	3250	2.21	2.21			1	1	0			1	0		1	0			0		1			
AF-062	681	3250	2.21	2.21			1	1	0			1	0		1	0			1		0		1	
AF-064	765	3250	2.49	2.49			1	1	0		1	1	0		1	0			0		1			
AF-065	765	3250	2.49	2.49			1	1	0		1	1	0		1	0			1		0		1	
AF-073	1857	3300	6.13	6.13			1	1	0		1	1	0		1	0			1		0		1	
AF-085	1747	3300	5.76	5.76			1	1	0		1	1	0	1	1	0			0		1			
AF-111	1012	582.5	0.59	0.59			1	1	0			1	0		1	0			1		0		1	
AF-113	1012	582.5	0.59	0.59			1	1	0			1	0		1	0			1		0		1	
AF-115	1012	582.5	0.59	0.59			1	1	0			1	0		1	0			1		0		1	
AF-122	1003	582.5	0.58	0.58			1	1	0			1	0		1	0			0		1			
AF-123	1003	582.5	0.58	0.58			1	1	0			1	0		1	0			0		1			
AF-124	1003	582.5	0.58	0.58			1	1	0			1	0		1	0			0		1			
AS-09	681	3300	2.25	11.24			5	5	0			5	0		5	0	3		5		0		5	
AS-10	681	3300	2.25	11.24			5	5	0			5	0		5	0	1		0		5			
AS-11	765	3300	2.52	12.62			5	5	0		5	5	0		5	0	4		5		0		5	
AS-13	765	3300	2.52	12.62			5	5	0		4	5	0		5	0	1		0		5			

物料狀態

	完成量	百分比
鋁料狀態	OK	
配件狀態	OK	
玻璃狀態	OK	
鋁板狀態	OK	
加工圖狀態	OK	

生產狀態

	完成量	百分比
加工工序	60	100.0%
組框工序	60	100.0%
注膠工序	60	100.0%
裝架工序	60	100.0%
出貨工序	27	45.0%

製表日期: 03-03-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-3&4)						組裝狀態						打膠狀態						包裝狀態						出貨狀態																											
				353.49		97		97		0		2		12		6		0		97		0		9		8		0		68		29		10		0		97		0		0									
單元編號	寬度 mm	高度 mm	單件 面積	總面積	備註	總數量	已組裝 數量	尚欠 數量	03/02	09/02	10/02	已打膠 數量	尚欠 數量	15/02	16/02	已包裝 數量	尚欠 數量	02/03	已出貨 數量	尚欠 數量																															
AF-001	1830	3300	6.04	24.16		4	4	0				1																																							
AF-002	1830	3250	5.95	5.95		1	1	0																																											
AF-005	1563	3300	5.16	20.63		4	4	0																																											
AF-006	1563	3250	5.08	5.08		1	1	0																																											
AF-009	1309	3300	4.32	8.64		2	2	0				2																																							
AF-010	1699	3300	5.61	11.21		2	2	0				1																																							
AF-011	1857	3300	6.13	24.51		4	4	0																																											
AF-012	1857	3250	6.03	6.03		1	1	0																																											
AF-051	665	3250	2.16	2.16		1	1	0																																											
AF-053	700	2345	1.64	3.28		2	2	0																																											
AF-060	644	3250	2.09	2.09		1	1	0																																											
AF-063	765	3250	2.49	2.49		1	1	0																																											
AF-068	1830	3300	6.04	6.04		1	1	0				1																																							
AF-069	1563	3300	5.16	5.16		1	1	0																																											
AF-071	1309	3300	4.32	4.32		1	1	0				1																																							
AF-072	1699	3300	5.61	5.61		1	1	0																																											
AF-073	1857	3300	6.13	6.13		1	1	0																																											
AF-100	1007	582.5	0.59	0.59		1	1	0																																											
AF-101	1007	582.5	0.59	0.59		1	1	0																																											
AF-102	1007	582.5	0.59	0.59		1	1	0				1																																							
AF-160	1245	1270	1.58	1.58		1	1	0																																											
AF-164	681	1270	0.86	1.73		2	2	0																																											
AF-165	1363	1270	1.73	1.73		1	1	0																																											
AF-167	1363	1270	1.73	1.73		1	1	0																																											
AF-168	1309	1270	1.66	1.66		1	1	0																																											
AF-169	1699	1270	2.16	2.16		1	1	0																																											
AM-01	1363	3300	4.50	35.97		8	8	0																																											
AM-03	1363	3300	4.50	13.49		3	3	0																																											
AM-10	1400	3300	4.62	23.10		5	5	0				1																																							
AM-11	1245	3300	4.11	12.33		3	3	0																																											
AM-14	1640	3300	5.41	27.06		5	5	0				1																																							
AM-49	1400	3250	4.55	4.55		1	1	0																																											
AM-50	1640	3250	5.33	5.33		1	1	0																																											
AM-52	1363	3250	4.43	4.43		1	1	0																																											
AS-01	700	3300	2.31	11.55		5	5	0																																											
AS-02	700	3300	2.31	11.55		5	5	0																																											
AS-09	681	3300	2.25	17.98		8	8	0																																											
AS-10	681	3300	2.25	6.74		3	3	0																																											
AS-11	765	3300	2.52	12.62		5	5	0																																											
AS-14	665	3300	2.19	10.97		5	5	0																																											

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	97	100.0%
	配件狀態	OK		組框工序	97	100.0%
	玻璃狀態	OK		注膠工序	97	100.0%
	鋁板狀態	OK		裝架工序	68	70.1%
	加工圖狀態	OK		出貨工序	0	0.0%

J-858康城11期 幕牆單元件生產狀態 (T2 9-11F)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態				打膠狀態				包裝狀態				出貨狀態			
						148	0	148	0	0	0	0	0	0	148	0	0	0	0	0	0
總數量	已組裝數量	尚欠數量				已打膠數量	尚欠數量			已包裝數量	尚欠數量			已出貨數量	尚欠數量						
AF-005	1563	3300	5.16	10.31		2	0	2			0	2			0	2			0	2	
AF-006	1563	3250	5.08	5.08		1	0	1			0	1			0	1			0	1	
AF-009	1309	3300	4.32	8.64		2	0	2			0	2			0	2			0	2	
AF-011	1857	3300	6.13	24.51		4	0	4			0	4			0	4			0	4	
AF-012	1857	3250	6.03	6.03		1	0	1			0	1			0	1			0	1	
AF-013	1857	3250	6.03	6.03		1	0	1			0	1			0	1			0	1	
AF-017	1857	3300	6.13	12.25		2	0	2			0	2			0	2			0	2	
AF-018	1857	3250	6.03	6.03		1	0	1			0	1			0	1			0	1	
AF-035	1855	3300	6.12	12.24		2	0	2			0	2			0	2			0	2	
AF-036	1855	3250	6.03	6.03		1	0	1			0	1			0	1			0	1	
AF-039	1724	3300	5.69	11.38		2	0	2			0	2			0	2			0	2	
AF-040	1326	3300	4.38	8.75		2	0	2			0	2			0	2			0	2	
AF-041	1326	3250	4.31	4.31		1	0	1			0	1			0	1			0	1	
AF-042	1569	3300	5.18	10.35		2	0	2			0	2			0	2			0	2	
AF-048	787.5	3300	2.60	5.20		2	0	2			0	2			0	2			0	2	
AF-049	750	3300	2.48	4.95		2	0	2			0	2			0	2			0	2	
AF-050	750	3300	2.48	4.95		2	0	2			0	2			0	2			0	2	
AF-052	615	3250	2.00	2.00		1	0	1			0	1			0	1			0	1	
AF-053	700	3250	2.28	4.55		2	0	2			0	2			0	2			0	2	
AF-060	681	3250	2.21	4.43		2	0	2			0	2			0	2			0	2	
AF-061	681	3250	2.21	2.21		1	0	1			0	1			0	1			0	1	
AF-062	681	3250	2.21	2.21		1	0	1			0	1			0	1			0	1	
AF-063	765	3250	2.49	2.49		1	0	1			0	1			0	1			0	1	
AF-064	765	3250	2.49	2.49		1	0	1			0	1			0	1			0	1	
AF-065	765	3250	2.49	2.49		1	0	1			0	1			0	1			0	1	
AF-100	1007	583	0.59	0.59		1	0	1			0	1			0	1			0	1	
AF-101	1007	583	0.59	0.59		1	0	1			0	1			0	1			0	1	
AF-102	1007	583	0.59	0.59		1	0	1			0	1			0	1			0	1	
AF-103	1023	583	0.60	0.60		1	0	1			0	1			0	1			0	1	
AF-104	1023	583	0.60	0.60		1	0	1			0	1			0	1			0	1	
AF-105	1023	583	0.60	0.60		1	0	1			0	1			0	1			0	1	
AF-106	1363	583	0.79	0.79		1	0	1			0	1			0	1			0	1	
AF-107	681	583	0.40	0.40		1	0	1			0	1			0	1			0	1	
AF-108	1309	583	0.76	0.76		1	0	1			0	1			0	1			0	1	
AF-111	1012	583	0.59	1.77		3	0	3			0	3			0	3			0	3	
AF-112	1012	583	0.59	0.59		1	0	1			0	1			0	1			0	1	
AF-113	1012	583	0.59	1.18		2	0	2			0	2			0	2			0	2	
AF-115	1012	583	0.59	1.18		2	0	2			0	2			0	2			0	2	
AF-116	1012	583	0.59	0.59		1	0	1			0	1			0	1			0	1	
AF-118	985	583	0.57	0.57		1	0	1			0	1			0	1			0	1	
AF-119	985	583	0.57	0.57		1	0	1			0	1			0	1			0	1	
AF-120	985	583	0.57	0.57		1	0	1			0	1			0	1			0	1	
AF-140	1245	583	0.73	0.73		1	0	1			0	1			0	1			0	1	
AF-150	983	2195	2.16	2.16		1	0	1			0	1			0	1			0	1	
AF-152	1013	2195	2.22	2.22		1	0	1			0	1			0	1			0	1	
AF-153	1013	2195	2.22	2.22		1	0	1			0	1			0	1			0	1	
AF-156	1012	2195	2.22	2.22		1	0	1			0	1			0	1			0	1	
AF-157	1012	2195	2.22	2.22		1	0	1			0	1			0	1			0	1	
AF-158	1012	2195	2.22	2.22		1	0	1			0	1			0	1			0	1	
AF-160	1245	1270	1.58	1.58		1	0	1			0	1			0	1			0	1	
AF-162	700	1270	0.89	2.67		3	0	3			0	3			0	3			0	3	
AF-164	681	1270	0.86	2.59		3	0	3			0	3			0	3			0	3	
AF-165	1363	1270	1.73	1.73		1	0	1			0	1			0	1			0	1	
AF-167	1363	1270	1.73	3.46		2	0	2			0	2			0	2			0	2	
AF-168	1309	1270	1.66	1.66		1	0	1			0	1			0	1			0	1	
AF-170	1724	1270	2.19	2.19		1	0	1			0	1			0	1			0	1	
AF-171	1569	1270	1.99	1.99		1	0	1			0	1			0	1			0	1	
AF-172	787.5	1270	1.00	1.00		1	0	1			0	1			0	1			0	1	
AF-173	750	1270	0.95	0.95		1	0	1			0	1			0	1			0	1	
AF-174	750	1270	0.95	0.95		1	0	1			0	1			0	1			0	1	
AM-01	1363	3300	4.50	26.98		6	0	6			0	6			0	6			0	6	
AM-03	1363	3300	4.50	26.98		6	0	6			0	6			0	6			0	6	
AM-05	1363	3300	4.50	8.99		2	0	2			0	2			0	2			0	2	
AM-06	1728	3300	5.70	11.40		2	0	2			0	2			0	2			0	2	
AM-10	1728	3300	5.70	11.40		2	0	2			0	2			0	2			0	2	
AM-11	1245	3300	4.11	8.22		2	0	2			0	2			0	2			0	2	
AM-16	1690	3300	5.58	11.15		2	0	2			0	2			0	2			0	2	
AM-18	1780	3300	5.87	11.75		2	0	2			0	2			0	2			0	2	
AM-41	1363	3250	4.43	4.43		1	0	1			0	1			0	1			0	1	
AM-48	1363	3250	4.43	4.43		1	0	1			0	1			0	1			0	1	
AM-49	1400	3250	4.55	4.55		1	0	1			0	1			0	1			0	1	
AM-51	1690	3250	5.49	5.49		1	0	1			0	1			0	1			0	1	
AM-52	1363	3250	4.43	4.43		1	0	1			0	1			0	1			0	1	
AM-53	1363	3250	4.43	4.43		1	0	1			0	1			0	1			0	1	
AM-55	1728	3250	5.61	5.61		1	0	1			0	1			0	1			0	1	
AM-56	1780	3250	5.79	5.79		1	0	1			0	1			0	1			0	1	
AS-01	700	3300	2.31	4.62		2	0	2			0	2			0	2			0	2	
AS-02	700	3300	2.31	9.24		4	0	4			0	4			0	4			0	4	
AS-05	700	3300	2.31	4.62		2	0	2			0	2			0	2			0	2	
AS-06	700	3300	2.31	4.62		2	0	2			0	2			0	2			0	2	
AS-09	681	3300	2.25	17.98		8	0	8			0	8			0	8			0	8	
AS-10	681	3300	2.25	13.48		6	0	6			0	6			0	6			0	6	
AS-11	765	3300	2.52	10.10		4	0	4			0	4			0	4			0	4	
AS-12	765	3300	2.52	5.05		2	0	2			0	2			0	2			0	2	
AS-15	615	3300	2.03	4.06		2	0	2			0	2			0	2			0	2	

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	已到96%
	鋁板狀態	OK
加工圖狀態	OK	

生產狀態	完成量	百分比	正在組框	
	加工工序	0		0.0%
	組框工序	0		0.0%
	注膠工序	0		0.0%
	裝架工序	0		0.0%
出貨工序	0	0.0%		

J-858康城11期 幕牆單元件生產狀態 (T2 12-17F)						組裝狀態				打膠狀態				包裝狀態				出貨狀態							
				530.11		136	12	124	5	7	0	0	0	0	0	0	0	136	0	0	0	0	0	0	0
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	總數量	已組裝數量	尚欠數量	28/02	02/03				已打膠數量	尚欠數量				已包裝數量	尚欠數量					
AF-005	1563	3300	5.16	10.31		2	0	2						0	2				0	2					
AF-008	1563	3300	5.16	5.16		1	0	1						0	1				0	1					
AF-009	1309	3300	4.32	12.96		3	0	3						0	3				0	3					
AF-011	1857	3300	6.13	24.51		4	0	4						0	4				0	4					
AF-015	2046	3300	6.75	6.75		1	0	1						0	1				0	1					
AF-016	2046	3300	6.75	6.75		1	0	1						0	1				0	1					
AF-017	1857	3300	6.13	12.25		2	0	2						0	2				0	2					
AF-020	2046	3300	6.75	6.75		1	0	1						0	1				0	1					
AF-035	1855	3300	6.12	12.24		2	0	2						0	2				0	2					
AF-038	1855	3300	6.12	6.12		1	0	1						0	1				0	1					
AF-039	1724	3300	5.69	5.69		1	0	1						0	1				0	1					
AF-040	1326	3300	4.38	13.13		3	3	0	1	2				0	3				0	3					
AF-042	1569	3300	5.18	5.18		1	0	1						0	1				0	1					
AF-048	787.5	3300	2.60	2.60		1	0	1						0	1				0	1					
AF-049	750	3300	2.48	2.48		1	0	1						0	1				0	1					
AF-050	750	3300	2.48	2.48		1	0	1						0	1				0	1					
AF-069	1563	3300	5.16	5.16		1	0	1						0	1				0	1					
AF-071	1309	3300	4.32	4.32		1	0	1						0	1				0	1					
AF-073	1857	3300	6.13	12.25		2	0	2						0	2				0	2					
AF-077	1857	3300	6.13	6.13		1	0	1						0	1				0	1					
AF-087	1855	3300	6.12	6.12		1	0	1						0	1				0	1					
AF-088	1724	3300	5.69	5.69		1	0	1						0	1				0	1					
AF-089	1326	3300	4.38	4.38		1	1	0	1					0	1				0	1					
AF-093	1569	3300	5.18	5.18		1	0	1						0	1				0	1					
AF-096	787.5	3300	2.60	2.60		1	0	1						0	1				0	1					
AF-097	750	3300	2.48	2.48		1	0	1						0	1				0	1					
AF-098	750	3300	2.48	2.48		1	0	1						0	1				0	1					
AM-01	1363	3300	4.50	40.47		9	0	9						0	9				0	9					
AM-02	1363	3300	4.50	4.50		1	0	1						0	1				0	1					
AM-03	1363	3300	4.50	40.47		9	3	6	1	2				0	9				0	9					
AM-04	1363	3300	4.50	4.50		1	0	1						0	1				0	1					
AM-05	1363	3300	4.50	17.99		4	0	4						0	4				0	4					
AM-06	1728	3300	5.70	17.10		3	0	3						0	3				0	3					
AM-07	1728	3300	5.70	5.70		1	0	1						0	1				0	1					
AM-10	1400	3300	4.62	18.48		4	0	4						0	4				0	4					
AM-11	1245	3300	4.11	16.43		4	0	4						0	4				0	4					
AM-16	1690	3300	5.58	16.73		3	0	3						0	3				0	3					
AM-17	1690	3300	5.58	5.58		1	0	1						0	1				0	1					
AM-18	1780	3300	5.87	17.62		3	1	2	1					0	3				0	3					
AM-19	1780	3300	5.87	5.87		1	0	1						0	1				0	1					
AS-01	700	3300	2.31	6.93		3	0	3						0	3				0	3					
AS-02	700	3300	2.31	11.55		5	0	5						0	5				0	5					
AS-05	700	3300	2.31	4.62		2	0	2						0	2				0	2					
AS-06	700	3300	2.31	4.62		2	0	2						0	2				0	2					
AS-09	681	3300	2.25	26.97		12	0	12						0	12				0	12					
AS-10	681	3300	2.25	20.23		9	4	5	1	3				0	9				0	9					
AS-11	765	3300	2.52	15.15		6	0	6						0	6				0	6					
AS-12	765	3300	2.52	7.57		3	0	3						0	3				0	3					
AS-15	615	3300	2.03	8.12		4	0	4						0	4				0	4					
AS-16	700	3300	2.31	2.31		1	0	1						0	1				0	1					
AS-17	700	3300	2.31	2.31		1	0	1						0	1				0	1					
AS-18	681	3300	2.25	2.25		1	0	1						0	1				0	1					
AS-19	954.5	3300	3.15	3.15		1	0	1						0	1				0	1					
AS-24	681	3300	2.25	2.25		1	0	1						0	1				0	1					
AS-25	681	3300	2.25	2.25		1	0	1						0	1				0	1					
AS-26	954.5	3300	3.15	3.15		1	0	1						0	1				0	1					
AS-27	954.5	3300	3.15	3.15		1	0	1						0	1				0	1					

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	136	100.0%
	配件狀態	OK		組框工序	12	8.8%
	玻璃狀態	已到98%		注膠工序	0	0.0%
	鋁板狀態	OK		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

正在組框

製表日期: 03-03-2023



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 15



Inspection Date: 09th & 10th March 2023
Issue Date: 11th March 2023

Report Reference: 60646872-FI-R-15

Factory Inspection Report for
PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS
PARK, TSEUNG KWAN O. N.T.

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Appendix

Appendix A- Details of fabrication progress

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out Factory inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號 湖南郴州市汝城县智能科技產業園
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	09 & 10 th March 2023
Attending Parties:	Mr. Stephen Chow (Sino) Mr. Michael Chan (Sino) Mr. Lai chin pang (Sino) Mr. Jun Tsui (Gammon) Mr. Francis Mau (Midi) Mr. Jason Leung (Midi) 吳水洪先生(美特 駐廠代表) 王良先生(美而特質檢主管) Mr. CF.Cheng (ACF)

Report By: Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

湖南廠

- Quality checking and general inspection of raw materials prior fabrication;
- Preliminary review the factory's performance including its capacity, technical capability, quality procedure of fabrication;
- Fit-up assembly of Mullion and Transom for T2 12-17/F Zone M06 (5th log unitized panels)
- Fixing of back panel for T2 12-17/F Zone M06 (5th log unitized panels)
- General inspection and dimension checking of glazing prior fit-up assembly and sealant works;
- Application of structural sealant for T2 12-17/F Zone M06 (5th log unitized panels);
- General inspection of T2 12-17/F Zone M06 unitized panels during fabrication;
- Water test of T2 12-17/F Zone M06 unitized panels;

中堂廠

- General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86273) for T3 9~11/F Zone M07;
- Materials cutting, milling and drilling of extrusions for 6th log 136 nos. of unitized panels for T3 9/F to 11/F Zone M07 (Details please refer to Appendix A);
- General inspection of brackets during fabrication;
- General inspection of cleaning and degreasing process during fabrication;
- Fit-up assembly of Mullion and Transom for T2 12 ~ 17/F unitized panels (5th log Zone M06);
- Fixing of back panel for T2 12 ~ 17/F unitized panels (5th log Zone M06);
- Quality checking of glazing for T2 12 ~ 17/F unitized panels (5th log Zone M06);
- Application of structural sealant for T2 12 ~ 17/F unitized panels (5th log Zone M06);
- Water test of unitized panels for T2 12 ~ 17/F (5th log Zone M06);
- General inspection of unitized panels for T2 9 to 17/F (4th & 5th log Zone M05 & M06).

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For **Comments, Recommendation and Reminders** please refer to **Section 3**.
- 2) For **Summary table of finding and remedial action** please refer to **Section 4**.
- 3) For **Inspection Schedule**, please refer to **Section 5** at the end of this report.

Photo 1

Location:

湖南廠

Observation

Description:

General view of factory at 湖南郴州市汝城廠

Action:



Photo 2

Location:

湖南廠

Observation

Description:

General view showing quality checking and storage of raw materials prior fabrication

Action:



Photo 3

Location:

湖南廠

Observation

Description:

標準單元生產線一條，車仔生產線一條，6台加工中心，五軸加工中心一台，四軸加工中心1台，三軸加工中心4台，數控端銑床機2台，大型雙頭鋸2台，數控單頭鋸2台，自動切割機1台，衝床多台

Action:



The production flow, machinery & production layout was found systematic form raw materials cutting, fit-up assembly, fabrication and quality control testing.

Photo 4

Location:

湖南廠

Observation

Description:

General inspection, of raw materials / extrusion during degreasing process

Action:

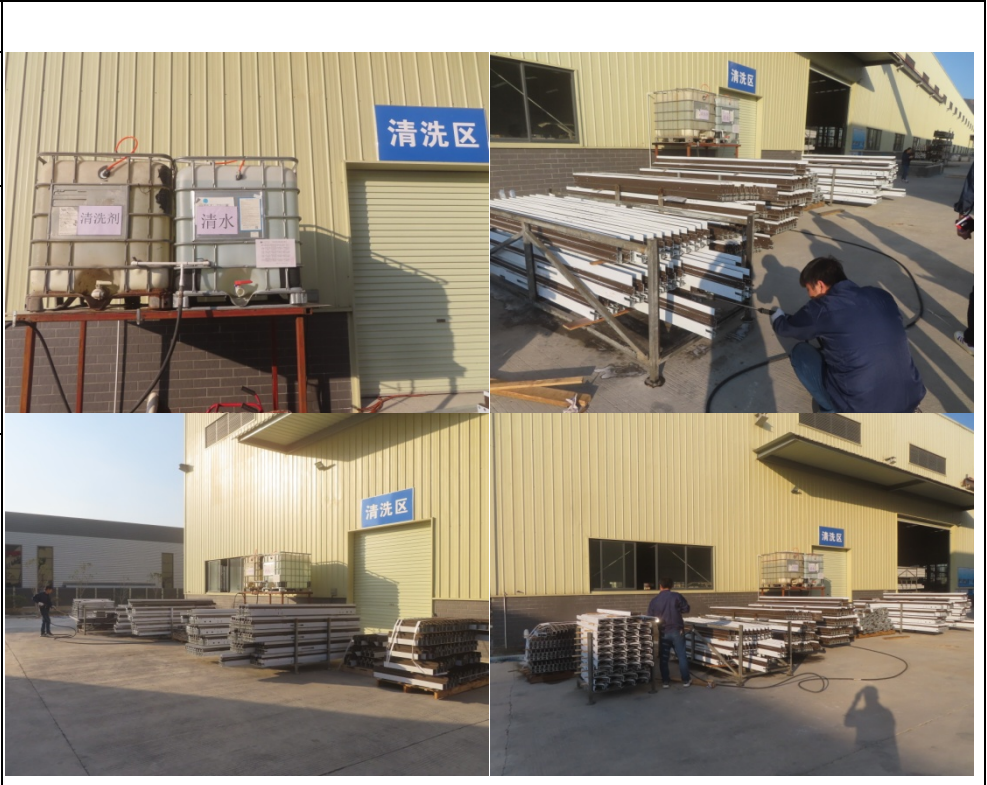


Photo 5

Location:

湖南廠

Observation

Description:

Fit-up assembly of Mullion and Transom for T2 12-17/F Zone M06 (5th log unitized panels)

Action:

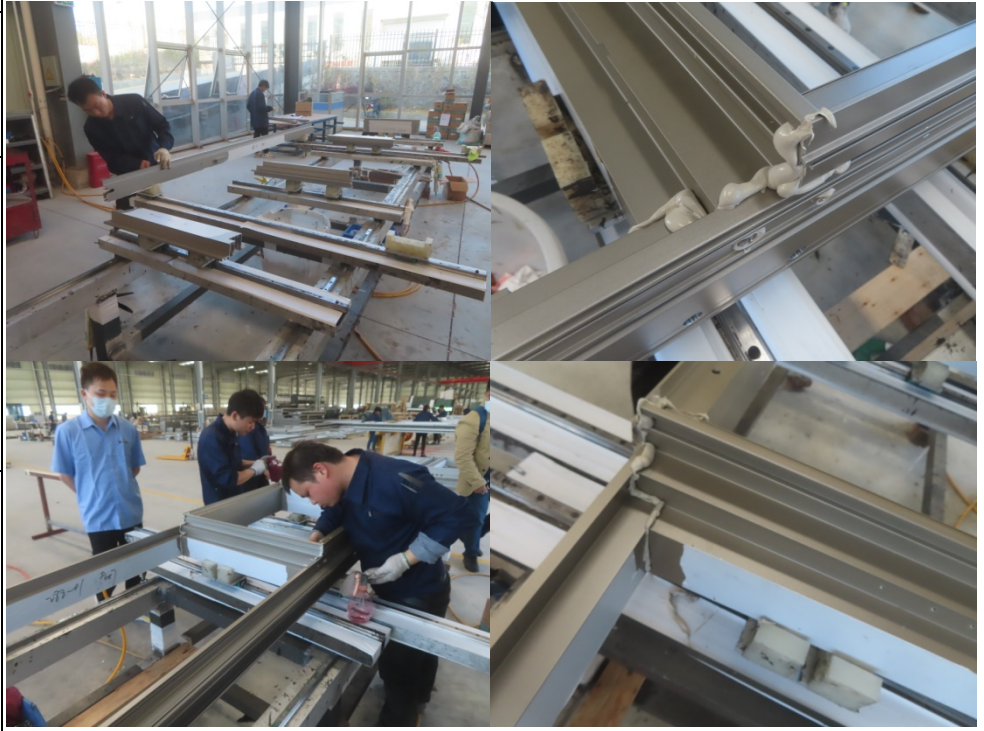


Photo 6

Location:

湖南廠

Observation

Description:

Fixing of back panel for T2 12-17/F Zone M06 (5th log unitized panels)

Action:



Photo 7

Location:

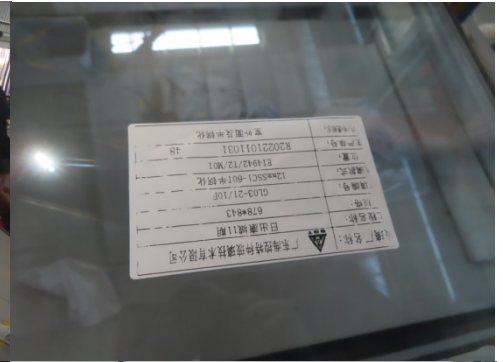
湖南廠

Observation

Description:

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

Action:



Traceable quality control record in place

Photo 8

Location:

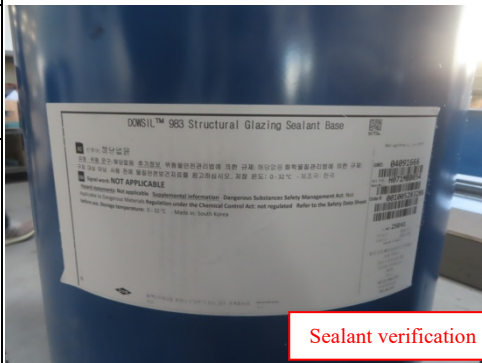
湖南廠

Observation

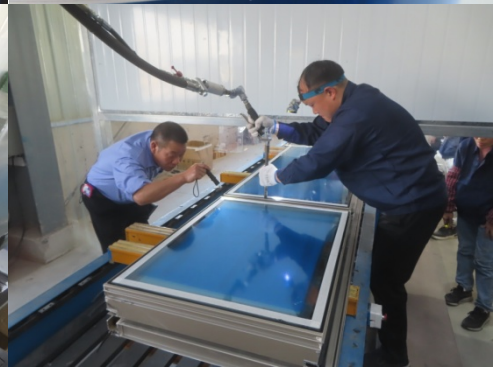
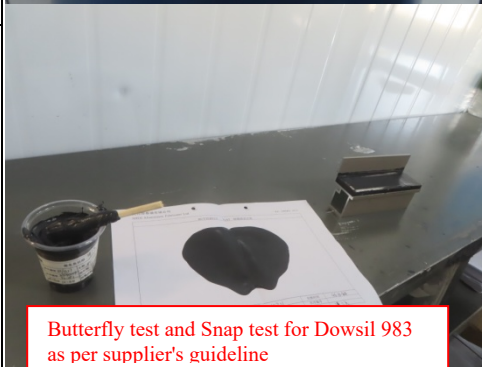
Description:

Application of structural sealant for T2 12-17/F Zone M06 (5th log unitized panels)

Action:



Sealant verification as per approved drawing



Butterfly test and Snap test for Dowsil 983 as per supplier's guideline

Photo 9

Location:

湖南廠

Observation

Description:

General inspection of T2 12-17/F Zone M06 unitized panels during fabrication

Action:

Frame assembly / panel glazing and feature assembly as per approved drawing



Traceable quality control record in place

Photo 10

Location:

湖南廠

Observation

Description:

Water test of T2 12-17/F Zone M06 unitized panels

Action:

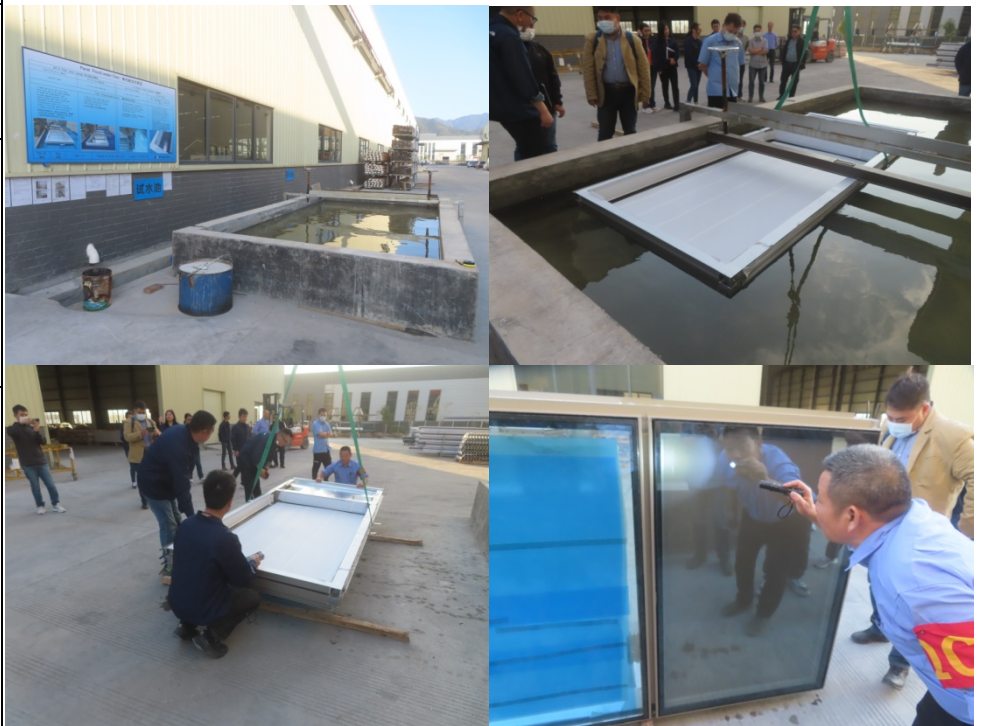


Photo 11

Location:

中堂廠

Observation

Description:

General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86273) for T3 9~11/F Zone M07

Action:



Photo 12

Location:

中堂廠

Observation

Description:

General inspection, dimension checking and testing of raw materials / extrusion (Die no.X86273) for T3 9~11/F Zone M07

Action:



Photo 13

Location:

中堂廠

Observation

Description:

Materials cutting, milling and drilling of extrusions for 6th log 136 nos. of unitized panels for T3 9/F to 11/F Zone M07 (Details please refer to Appendix A)

Action:



Photo 14

Location:

中堂廠

Observation

Description:

General inspection of brackets during fabrication

Action:



Photo 15

Location:

中堂廠

Observation

Description:

General inspection of cleaning and degreasing process during fabrication

Action:



Photo 16

Location:

中堂廠

Observation

Description:

Fit-up assembly of Mullion and Transom for T2 12 ~ 17/F unitized panels (5th log Zone M06)

Action:

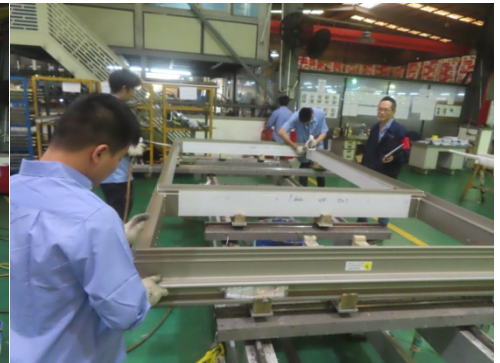


Photo 17

Location:

中堂廠

Observation

Description:

Fixing of back panel for T2 12 ~ 17/F unitized panels (5th log Zone M06)

Action:



Photo 18

Location:

中堂廠

Observation

Description:

Quality checking of glazing for T2 12 ~ 17/F unitized panels (5th log Zone M06)

Action:



Photo 19

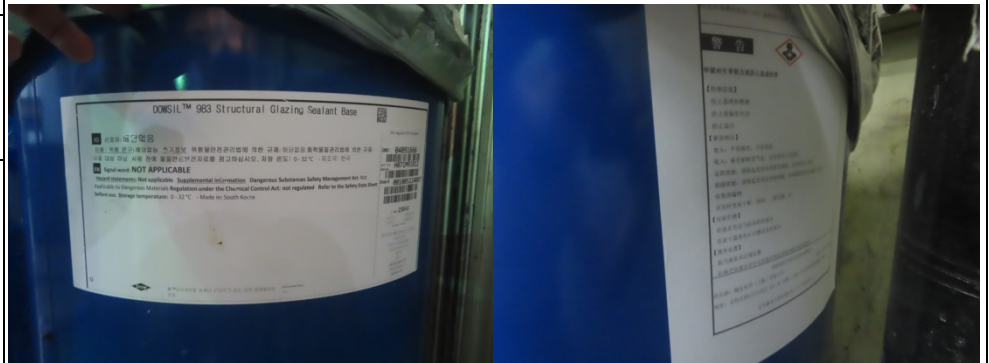
Location:

中堂廠

Observation

Description:

Application of structural sealant for T2 12 ~ 17/F unitized panels (5th log Zone M06)



Action:

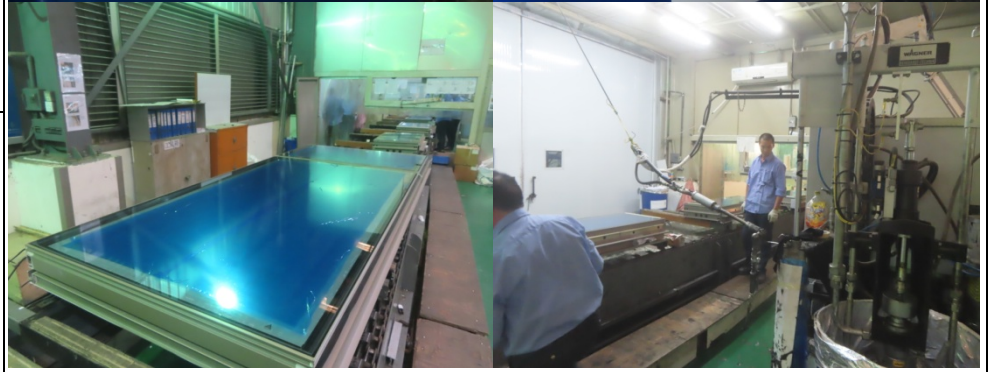


Photo 20

Location:

中堂廠

Observation

Description:

Water test of unitized panels for T2 12 ~ 17/F (5th log Zone M06)

Action:

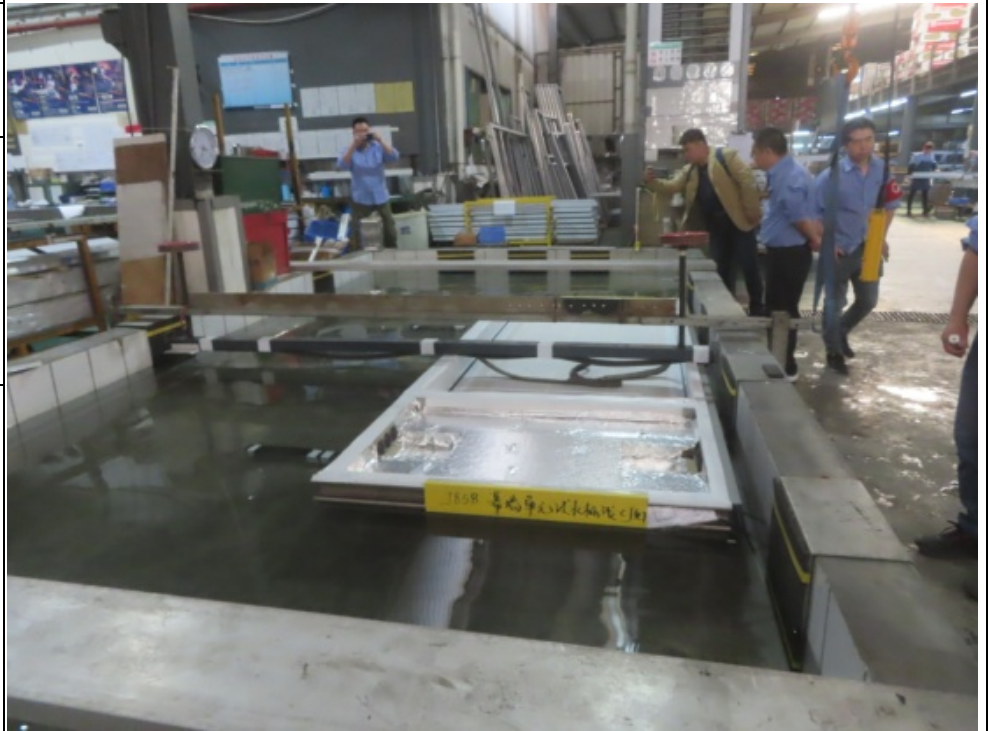


Photo 21

Location:

中堂廠

Observation

Description:

General inspection of unitized panels for T2 9 to 17/F (4th & 5th log Zone M05 & M06)

Action:

-






3 COMMENT, RECOMMENDATIONS AND REMINDER










- No adverse comment this week.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23-24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-06 Photo 11	Refer to Site Memo for corrective action by Midi		Routine Monitoring
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16	Refer to Site Memo for corrective action by Midi		Routine Monitoring
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 16	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
11	Defective gasket was found during factory inspection for Zone M02 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 03	Reminder only		Routine Monitoring
12	18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion 	MIDI is required to carry out remedial works before fixing of glass panels	Report-R-07 Photo 04	Refer to Site Memo for corrective action by Midi		Routine Monitoring

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
13	Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
14	Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 13	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
15	Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12	 MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 14	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
16	Gasket of unitized panels for Zone M02 were found not match with design drawing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-08 Photo 06	Refer to factory inspection report-R-09 Photo 03		Routine Monitoring
17	Defective gaskets for 2nd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-09 Photo 04	Reminder only		Routine Monitoring
18	Defective chrome plated finishing for gutter sleeve was found during factory inspection	 MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-10 Photo 06			Routine Monitoring
19	Defective sealant for 2nd & 3rd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-10 Photo 10			Routine Monitoring
20	Defective sealant and gasket for 2nd & 3rd log unitized panels were found during final inspection and packing	 MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-11 Photo 10	No adverse comment	Final inspection on 3-Mar-2023,	Routine Monitoring
21	Defective chrome plated finishing for extrusion clip was found during factory inspection	 MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-11 Photo 11			Routine Monitoring

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule			
No. of Visit	Date	Factory	Inspection Engineer
1	2022-11-18	Midi 中堂 Factory	CF. Cheng
2	2022-11-21	Midi 中堂 Factory	CF. Cheng
3	2022-11-25	Midi 中堂 Factory	CF. Cheng
4	2022-11-30	Midi 中堂 Factory	CF. Cheng
5	2022-12-12	Midi 中堂 Factory	CF. Cheng
6	2022-12-20	Midi 中堂 Factory	CF. Cheng
7	2023-01-04	Midi 中堂 Factory	CF. Cheng
8	2023-02-03	Midi 中堂 Factory	CF. Cheng
9	2023-02-10	Midi 中堂 Factory	CF. Cheng
10	2023-02-17	Midi 中堂 Factory	CF. Cheng
11	2023-02-17	Polyfair~泰克邦(鋁板廠)	CF. Cheng
		Polyfair~普立幕牆(鋁料廠)	
12	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
15	2023-03-09	Midi 湖南 Factory	CF. Cheng
16	2023-03-10	Midi 中堂 Factory	CF. Cheng

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)					組裝狀態			打膠狀態			包裝狀態			出貨狀態										
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	63	63	0	7	3	0	63	0	29	13	63	0	12	5	63	0	27	20	0
						總數量	已組裝數量	尚欠數量	17/12	19/12		已打膠數量	尚欠數量	25/11	21/12	已包裝數量	尚欠數量	21/12	13/02	已出貨數量	尚欠數量	13/02	06/03	
AF-021	1838	3300	6.06	24.26		4	4	0	2			4	0	4		4	0	4		4	0	2		
AF-022	1838	3250	5.97	5.97		1	1	0		1		1	0	1		1	0	1		1	0	1		
AF-025	1425	3300	4.70	18.81		4	4	0				4	0	4		4	0			4	0	2		
AF-026	1425	3250	4.63	4.63		1	1	0				1	0	1		1	0	1		1	0	1		
AF-029	1631	3300	5.38	10.76		2	2	0				2	0			2	0			2	0		2	
AF-047	700	3300	2.31	4.62		2	2	0				2	0			2	0			2	0		2	
AF-055	700	3250	2.28	4.55		2	2	0				2	0	2		2	0			2	0	2		
AF-056	700	3250	2.28	2.28		1	1	0				1	0	1		1	0	1		1	0	1		
AF-064	765	3250	2.49	2.49		1	1	0		1		1	0		1	1	0	1		1	0	1		
AF-079	1838	3300	6.06	6.06		1	1	0		1		1	0		1	1	0	1		1	0	1		
AF-081	1425	3300	4.70	4.70		1	1	0				1	0	1		1	0			1	0	1		
AF-084	1631	3300	5.38	5.38		1	1	0				1	0			1	0			1	0		1	
AF-095	700	3300	2.31	2.31		1	1	0				1	0			1	0			1	0		1	
AF-150	983	2195	2.16	2.16		1	1	0				1	0	1		1	0	1		1	0	1		
AF-152	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0	1		
AF-153	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0	1		
AF-160	1245	1270	1.58	1.58		1	1	0				1	0			1	0			1	0		1	
AF-161	700	1270	0.89	0.89		1	1	0				1	0			1	0			1	0		1	
AF-162	700	1270	0.89	0.89		1	1	0				1	0			1	0			1	0		1	
AF-163	1631	1270	2.07	2.07		1	1	0				1	0			1	0			1	0		1	
AF-164	681	1270	0.86	0.86		1	1	0				1	0			1	0			1	0		1	
AF-165	1363	1270	1.73	1.73		1	1	0				1	0			1	0			1	0		1	
AS-01	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1		5	0	3		
AS-03	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1		5	0	3		
AS-04	700	3300	2.31	6.93		3	3	0				3	0			3	0			3	0		3	
AS-07	700	3300	2.31	11.55		5	5	0				5	0	5		5	0			5	0	3		
AS-10	681	3300	2.25	6.74		3	3	0				3	0			3	0			3	0		3	
AS-12	765	3300	2.52	12.62		5	5	0	5			5	0		5	5	0	5		5	0	3		
AM-03	1363	3300	4.50	13.49		3	3	0				3	0			3	0			3	0		3	
AM-11	1245	3300	4.11	12.33		3	3	0				3	0	3		3	0			3	0		3	

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	63	100%
	配件狀態	OK		組框工序	63	100%
	玻璃狀態	OK		注膠工序	63	100%
	鋁板狀態	OK		裝架工序	63	100%
	加工圖狀態	OK		出貨工序	63	100%

製表日期: 10-03-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-2)

單元編號	寬度 mm	高度 mm	單件面積	####	總面積	備註	組裝狀態					打膠狀態				包裝狀態				出貨狀態				
							60	60	0	12	12	0	60	0	5	0	60	0	18	0	37	23	27	10
							總數量	已組裝數量	尚欠數量	18/12	19/12	已打膠數量	尚欠數量	07/02	已包裝數量	尚欠數量	08/02	已出貨數量	尚欠數量	03/03	10/03			
AM-03	1363	3300	4.50	22.48			5	5	0			5	0		5	0	1	1	4		1			
AM-05	1363	3300	4.50	22.48			5	5	0			5	0		5	0	3		5					
AM-12	1300	3300	4.29	21.45			5	5	0			5	0		5	0	1		0	5				
AM-48	1363	3250	4.43	4.43			1	1	0			1	0		1	0			1	0	1			
AM-53	1363	3250	4.43	4.43			1	1	0			1	0		1	0			1	0	1			
AM-54	1300	3250	4.23	4.23			1	1	0			1	0		1	0			0	1				
AF-011	1857	3300	6.13	24.51			4	4	0		4	4	0		4	0	3		4	0	4			
AF-013	1857	3250	6.03	6.03			1	1	0		1	1	0	1	1	0			1	0	1			
AF-031	1747	3250	5.68	5.68			1	1	0		1	1	0	1	1	0			1	0	1			
AF-030	1747	3300	5.76	23.05			4	4	0		4	4	0	2	4	0	1		1	3	1			
AF-060	681	3250	2.21	2.21			1	1	0			1	0		1	0			1	0	1			
AF-062	681	3250	2.21	2.21			1	1	0			1	0		1	0			1	0	1			
AF-064	765	3250	2.49	2.49			1	1	0		1	1	0		1	0			0	1				
AF-065	765	3250	2.49	2.49			1	1	0		1	1	0		1	0			1	0	1			
AF-073	1857	3300	6.13	6.13			1	1	0		1	1	0		1	0			1	0	1			
AF-085	1747	3300	5.76	5.76			1	1	0		1	1	0	1	1	0			0	1				
AF-111	1012	582.5	0.59	0.59			1	1	0			1	0		1	0			1	0	1			
AF-113	1012	582.5	0.59	0.59			1	1	0			1	0		1	0			1	0	1			
AF-115	1012	582.5	0.59	0.59			1	1	0			1	0		1	0			1	0	1			
AF-122	1003	582.5	0.58	0.58			1	1	0			1	0		1	0			1	0	1			
AF-123	1003	582.5	0.58	0.58			1	1	0			1	0		1	0			1	0	1			
AF-124	1003	582.5	0.58	0.58			1	1	0			1	0		1	0			1	0	1			
AS-09	681	3300	2.25	11.24			5	5	0			5	0		5	0	3		5	0	5			
AS-10	681	3300	2.25	11.24			5	5	0			5	0		5	0	1		1	4	1			
AS-11	765	3300	2.52	12.62			5	5	0		5	5	0		5	0	4		5	0	5			
AS-13	765	3300	2.52	12.62			5	5	0		4	5	0		5	0	1		1	4	1			

物料狀態

	完成量	百分比
鋁料狀態	OK	
配件狀態	OK	
玻璃狀態	OK	
鋁板狀態	OK	
加工圖狀態	OK	

生產狀態

	完成量	百分比
加工工序	60	100.0%
組框工序	60	100.0%
注膠工序	60	100.0%
裝架工序	60	100.0%
出貨工序	37	61.7%

製表日期: 10-03-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-3&4)					組裝狀態					打膠狀態				包裝狀態				出貨狀態									
單元編號	寬度 mm	高度 mm	單件 面積	總面積	備註	353.49	97	97	0	2	12	6	0	97	0	9	8	0	97	0	10	29	49	48	32	17	0
						總數量	已組裝 數量	尚欠 數量	03/02	09/02	10/02	已打膠 數量	尚欠 數量	15/02	16/02	已包裝 數量	尚欠 數量	02/03	10/03	已出貨 數量	尚欠 數量	08/03	10/03				
AF-001	1830	3300	6.04	24.16			4	4	0				4	0				4	0			4	0				
AF-002	1830	3250	5.95	5.95			1	1	0				1	0				1	0			1	0				
AF-005	1563	3300	5.16	20.63			4	4	0				4	0				4	0			4	0				
AF-006	1563	3250	5.08	5.08			1	1	0				1	0				1	0			1	0				
AF-009	1309	3300	4.32	8.64			2	2	0			2	2	0				2	0			2	0				
AF-010	1699	3300	5.61	11.21			2	2	0			1	2	0				2	0			2	0				
AF-011	1857	3300	6.13	24.51			4	4	0				4	0			2	4	0			4	0				
AF-012	1857	3250	6.03	6.03			1	1	0				1	0				1	0			1	0				
AF-051	665	3250	2.16	2.16			1	1	0				1	0				1	0			1	0				
AF-053	700	2345	1.64	3.28			2	2	0				2	0				2	0			2	0				
AF-060	644	3250	2.09	2.09			1	1	0				1	0			1	1	0			1	0				
AF-063	765	3250	2.49	2.49			1	1	0				1	0				1	0			1	0				
AF-068	1830	3300	6.04	6.04			1	1	0			1	1	0				1	0			1	0			1	
AF-069	1563	3300	5.16	5.16			1	1	0				1	0				1	0			1	0			1	
AF-071	1309	3300	4.32	4.32			1	1	0			1	1	0				1	0			1	0			1	
AF-072	1699	3300	5.61	5.61			1	1	0				1	0				1	0			1	0			1	
AF-073	1857	3300	6.13	6.13			1	1	0				1	0				1	0			1	0			1	
AF-100	1007	582.5	0.59	0.59			1	1	0				1	0			1	1	0			1	0			1	
AF-101	1007	582.5	0.59	0.59			1	1	0				1	0			1	1	0			1	0			1	
AF-102	1007	582.5	0.59	0.59			1	1	0			1	1	0				1	0			1	0			1	
AF-160	1245	1270	1.58	1.58			1	1	0				1	0				1	0			1	0			1	
AF-164	681	1270	0.86	1.73			2	2	0				2	0				2	0			2	0			2	
AF-165	1363	1270	1.73	1.73			1	1	0				1	0				1	0			1	0			1	
AF-167	1363	1270	1.73	1.73			1	1	0				1	0				1	0			1	0			1	
AF-168	1309	1270	1.66	1.66			1	1	0				1	0				1	0			1	0			1	
AF-169	1699	1270	2.16	2.16			1	1	0				1	0				1	0			1	0			1	
AM-01	1363	3300	4.50	35.97			8	8	0			3	8	0			2	2	8	0			2	0		8	
AM-03	1363	3300	4.50	13.49			3	3	0			1	3	0				3	0			3	0			3	
AM-10	1400	3300	4.62	23.10			5	5	0			1	5	0				5	0			5	0		3	2	
AM-11	1245	3300	4.11	12.33			3	3	0				3	0				3	0			3	0			3	
AM-14	1640	3300	5.41	27.06			5	5	0			1	5	0				5	0			5	0			5	
AM-49	1400	3250	4.55	4.55			1	1	0				1	0				1	0			1	0			1	
AM-50	1640	3250	5.33	5.33			1	1	0				1	0				1	0			1	0			1	
AM-52	1363	3250	4.43	4.43			1	1	0				1	0			1	1	0			1	0			1	
AS-01	700	3300	2.31	11.55			5	5	0				5	0				5	0			5	0		3	2	
AS-02	700	3300	2.31	11.55			5	5	0				5	0				5	0			5	0		3	2	
AS-09	681	3300	2.25	17.98			8	8	0			3	8	0			1	1	8	0			4	0		8	
AS-10	681	3300	2.25	6.74			3	3	0			1	3	0				3	0			3	0			3	
AS-11	765	3300	2.52	12.62			5	5	0				5	0				5	0			5	0			5	
AS-14	665	3300	2.19	10.97			5	5	0				5	0			1	1	5	0			2	1		5	

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	97	100.0%
	配件狀態	OK		組框工序	97	100.0%
	玻璃狀態	OK		注膠工序	97	100.0%
	鋁板狀態	OK		裝架工序	97	100.0%
	加工圖狀態	OK		出貨工序	49	50.5%

製表日期: 10-03-2023

J-858康城11期 幕牆單元件生產狀態 (T2 9-11F)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註
AF-005	1563	3300	5.16	10.31	
AF-006	1563	3250	5.08	5.08	
AF-009	1309	3300	4.32	8.64	
AF-011	1857	3300	6.13	24.51	
AF-012	1857	3250	6.03	6.03	
AF-013	1857	3250	6.03	6.03	
AF-017	1857	3300	6.13	12.25	
AF-018	1857	3250	6.03	6.03	
AF-035	1855	3300	6.12	12.24	
AF-036	1855	3250	6.03	6.03	
AF-039	1724	3300	5.69	11.38	
AF-040	1326	3300	4.38	8.75	
AF-041	1326	3250	4.31	4.31	
AF-042	1569	3300	5.18	10.35	
AF-048	787.5	3300	2.60	5.20	
AF-049	750	3300	2.48	4.95	
AF-050	750	3300	2.48	4.95	
AF-052	615	3250	2.00	2.00	
AF-053	700	3250	2.28	4.55	
AF-060	681	3250	2.21	4.43	
AF-061	681	3250	2.21	2.21	
AF-062	681	3250	2.21	2.21	
AF-063	765	3250	2.49	2.49	
AF-064	765	3250	2.49	2.49	
AF-065	765	3250	2.49	2.49	
AF-100	1007	583	0.59	0.59	
AF-101	1007	583	0.59	0.59	
AF-102	1007	583	0.59	0.59	
AF-103	1023	583	0.60	0.60	
AF-104	1023	583	0.60	0.60	
AF-105	1023	583	0.60	0.60	
AF-106	1363	583	0.79	0.79	
AF-107	681	583	0.40	0.40	
AF-108	1309	583	0.76	0.76	
AF-111	1012	583	0.59	1.77	
AF-112	1012	583	0.59	0.59	
AF-113	1012	583	0.59	1.18	
AF-115	1012	583	0.59	1.18	
AF-116	1012	583	0.59	0.59	
AF-118	985	583	0.57	0.57	
AF-119	985	583	0.57	0.57	
AF-120	985	583	0.57	0.57	
AF-140	1245	583	0.73	0.73	
AF-150	983	2195	2.16	2.16	
AF-152	1013	2195	2.22	2.22	
AF-153	1013	2195	2.22	2.22	
AF-156	1012	2195	2.22	2.22	
AF-157	1012	2195	2.22	2.22	
AF-158	1012	2195	2.22	2.22	
AF-160	1245	1270	1.58	1.58	
AF-162	700	1270	0.89	2.67	
AF-164	681	1270	0.86	2.59	
AF-165	1363	1270	1.73	1.73	
AF-167	1363	1270	1.73	3.46	
AF-168	1309	1270	1.66	1.66	
AF-170	1724	1270	2.19	2.19	
AF-171	1569	1270	1.99	1.99	
AF-172	787.5	1270	1.00	1.00	
AF-173	750	1270	0.95	0.95	
AF-174	750	1270	0.95	0.95	
AM-01	1363	3300	4.50	26.98	
AM-03	1363	3300	4.50	26.98	
AM-05	1363	3300	4.50	8.99	
AM-06	1728	3300	5.70	11.40	
AM-10	1728	3300	5.70	11.40	
AM-11	1245	3300	4.11	8.22	
AM-16	1690	3300	5.58	11.15	
AM-18	1780	3300	5.87	11.75	
AM-41	1363	3250	4.43	4.43	
AM-48	1363	3250	4.43	4.43	
AM-49	1400	3250	4.55	4.55	
AM-51	1690	3250	5.49	5.49	
AM-52	1363	3250	4.43	4.43	
AM-53	1363	3250	4.43	4.43	
AM-55	1728	3250	5.61	5.61	
AM-56	1780	3250	5.79	5.79	
AS-01	700	3300	2.31	4.62	
AS-02	700	3300	2.31	9.24	
AS-05	700	3300	2.31	4.62	
AS-06	700	3300	2.31	4.62	
AS-09	681	3300	2.25	17.98	
AS-10	681	3300	2.25	13.48	
AS-11	765	3300	2.52	10.10	
AS-12	765	3300	2.52	5.05	
AS-15	615	3300	2.03	4.06	

組裝狀態		打膠狀態		包裝狀態		出貨狀態																
148	117	31	25	22	0	0	89	59	12	22	21	34	0	80	68	38	0	0	148	0	0	
總數量	已組裝數量	尚欠數量	06/03	10/03			已打膠數量	尚欠數量	07/03	08/03	09/03	10/03		已包裝數量	尚欠數量	10/03			已出貨數量	尚欠數量		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
4	3	1					2	2						2	2				0	4		
1	1	0					0	1						0	1				0	1		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0				0	1		
2	2	0					2	0						2	0				0	2		
1	1	0					1	0						1	0							

J-858康城11期 幕牆單元件生產狀態 (T2 12-17F)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態				打膠狀態				包裝狀態				出貨狀態							
						總數量	已組裝數量	尚欠數量	28/02	02/03	03/03	已打膠數量	尚欠數量	08/03	09/03	已包裝數量	尚欠數量	0	0	已出貨數量	尚欠數量	0	0		
				530.11		136	84	52	5	7	10	0	47	89	19	17	0	0	136	0	0	0	136	0	0
AF-005	1563	3300	5.16	10.31		2	2	0					0	2				0	2			0	2		
AF-008	1563	3300	5.16	5.16		1	1	0					0	1				0	1			0	1		
AF-009	1309	3300	4.32	12.96		3	0	3					0	3				0	3			0	3		
AF-011	1857	3300	6.13	24.51		4	2	2					2	2	2			0	4			0	4		
AF-015	2046	3300	6.75	6.75		1	1	0					0	1				0	1			0	1		
AF-016	2046	3300	6.75	6.75		1	0	1					0	1				0	1			0	1		
AF-017	1857	3300	6.13	12.25		2	2	0					2	0	2			0	2			0	2		
AF-020	2046	3300	6.75	6.75		1	0	1					0	1				0	1			0	1		
AF-035	1855	3300	6.12	12.24		2	2	0					1	1	1			0	2			0	2		
AF-038	1855	3300	6.12	6.12		1	1	0					0	1				0	1			0	1		
AF-039	1724	3300	5.69	5.69		1	0	1					0	1				0	1			0	1		
AF-040	1326	3300	4.38	13.13		3	3	0	1	2			2	1				0	3			0	3		
AF-042	1569	3300	5.18	5.18		1	0	1					0	1				0	1			0	1		
AF-048	787.5	3300	2.60	2.60		1	0	1					0	1				0	1			0	1		
AF-049	750	3300	2.48	2.48		1	1	0					1	0	1			0	1			0	1		
AF-050	750	3300	2.48	2.48		1	1	0					0	1				0	1			0	1		
AF-069	1563	3300	5.16	5.16		1	1	0					0	1				0	1			0	1		
AF-071	1309	3300	4.32	4.32		1	0	1					0	1				0	1			0	1		
AF-073	1857	3300	6.13	12.25		2	1	1					1	1	1			0	2			0	2		
AF-077	1857	3300	6.13	6.13		1	1	0					1	0	1			0	1			0	1		
AF-087	1855	3300	6.12	6.12		1	0	1					0	1				0	1			0	1		
AF-088	1724	3300	5.69	5.69		1	0	1					0	1				0	1			0	1		
AF-089	1326	3300	4.38	4.38		1	1	0	1				1	0				0	1			0	1		
AF-093	1569	3300	5.18	5.18		1	0	1					0	1				0	1			0	1		
AF-096	787.5	3300	2.60	2.60		1	0	1					0	1				0	1			0	1		
AF-097	750	3300	2.48	2.48		1	1	0					1	0	1			0	1			0	1		
AF-098	750	3300	2.48	2.48		1	1	0					0	1				0	1			0	1		
AM-01	1363	3300	4.50	40.47		9	1	8					0	9				0	9			0	9		
AM-02	1363	3300	4.50	4.50		1	0	1					0	1				0	1			0	1		
AM-03	1363	3300	4.50	40.47		9	8	1	1	2	4		8	1	3			0	9			0	9		
AM-04	1363	3300	4.50	4.50		1	1	0			1		0	1				0	1			0	1		
AM-05	1363	3300	4.50	17.99		4	4	0					0	4				0	4			0	4		
AM-06	1728	3300	5.70	17.10		3	2	1					2	1	2			0	3			0	3		
AM-07	1728	3300	5.70	5.70		1	0	1					0	1				0	1			0	1		
AM-10	1400	3300	4.62	18.48		4	3	1					0	4				0	4			0	4		
AM-11	1245	3300	4.11	16.43		4	0	4					0	4				0	4			0	4		
AM-16	1690	3300	5.58	16.73		3	3	0					3	0	3			0	3			0	3		
AM-17	1690	3300	5.58	5.58		1	1	0					0	1				0	1			0	1		
AM-18	1780	3300	5.87	17.62		3	3	0	1				1	2				0	3			0	3		
AM-19	1780	3300	5.87	5.87		1	1	0					0	1				0	1			0	1		
AS-01	700	3300	2.31	6.93		3	3	0					1	2	1			0	3			0	3		
AS-02	700	3300	2.31	11.55		5	5	0					1	4	1			0	5			0	5		
AS-05	700	3300	2.31	4.62		2	0	2					0	2				0	2			0	2		
AS-06	700	3300	2.31	4.62		2	2	0					1	1	1			0	2			0	2		
AS-09	681	3300	2.25	26.97		12	3	9			1		3	9	1	2		0	12			0	12		
AS-10	681	3300	2.25	20.23		9	8	1	1	3	3		7	2	2	4		0	9			0	9		
AS-11	765	3300	2.52	15.15		6	3	3					2	4	2			0	6			0	6		
AS-12	765	3300	2.52	7.57		3	2	1					2	1	1	1		0	3			0	3		
AS-15	615	3300	2.03	8.12		4	3	1					2	2	2			0	4			0	4		
AS-16	700	3300	2.31	2.31		1	1	0					0	1				0	1			0	1		
AS-17	700	3300	2.31	2.31		1	1	0					0	1				0	1			0	1		
AS-18	681	3300	2.25	2.25		1	1	0					0	1				0	1			0	1		
AS-19	954.5	3300	3.15	3.15		1	1	0					0	1				0	1			0	1		
AS-24	681	3300	2.25	2.25		1	0	1					0	1				0	1			0	1		
AS-25	681	3300	2.25	2.25		1	1	0			1		1	0				0	1			0	1		
AS-26	954.5	3300	3.15	3.15		1	0	1					0	1				0	1			0	1		
AS-27	954.5	3300	3.15	3.15		1	1	0					1	0	1			0	1			0	1		

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	已到98%
	鋁板狀態	OK
	加工圖狀態	OK

生產狀態	完成量	百分比	
	加工工序	136	100.0%
	組框工序	84	61.8%
	注膠工序	47	34.6%
	裝架工序	0	0.0%
	出貨工序	0	0.0%

製表日期: 10-03-2023



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 17



Inspection Date: 17th March 2023
Issue Date: 18th March 2023

Report Reference: 60646872-FI-R-17

Factory Inspection Report for
PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS
PARK, TSEUNG KWAN O. N.T.

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1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out Factory inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	17 th March 2023
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表) 王良先生(美而特質檢主管)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- Quality checking and general inspection of raw materials prior fabrication;
- Materials cutting, milling and drilling of extrusions for T3 18/F to 21/F unitized panels (Details please refer to Appendix A);
- General inspection of cleaning and degreasing process during fabrication
- General inspection of floor brackets during fabrication
- General inspection of transom and mullion for balcony;
- Fit-up assembly of Mullion and Transom for T3 9-11/F Zone M07 (6th log unitized panels);
- Fixing of back panel for T2 9-17/F Zone M05 and M06, T3 9-11/F Zone M07;
- Check location and model of thermal insulation;
- General inspection and dimension checking of glazing prior fit-up assembly and sealant works;
- Water test of T2 9-11/F Zone M05 unitized panels;
- General inspection of T3 9-11/F Zone M07 unitized panels during fabrication;
- General inspection of unitized panels for T2 9 to 17/F (4th & 5th log Zone M05 & M06)

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For ***Comments, Recommendation and Reminders*** please refer to ***Section 3***.
- 2) For ***Summary table of finding and remedial action*** please refer to ***Section 4***.
- 3) For ***Inspection Schedule***, please refer to ***Section 5*** at the end of this report.

Photo 1

Location:
Observation

Description:
Quality checking and general inspection of raw materials prior fabrication

Action:
-



Photo 2

Location:
Observation

Description:
Materials cutting, milling and drilling of extrusions for T3 18/F to 21/F unitized panels (Details please refer to Appendix A)

Action:
-



Photo 3

Location:
Observation

Description:
General inspection of cleaning and degreasing process during fabrication

Action:
-



Photo 4

Location:
Observation

Description:
General inspection of floor brackets during fabrication

Action:
-



Photo 5

Location:
Observation

Description:
General inspection of transom and mullion for balcony

Action:
-

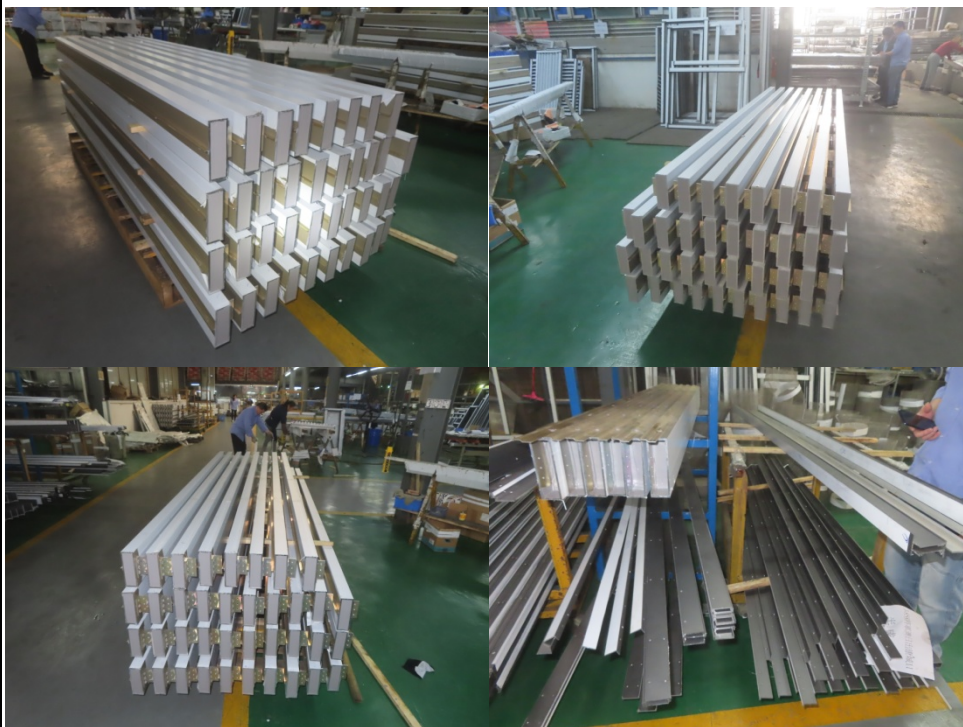


Photo 6

Location:
Observation

Description:
Uneven of components was found during factory inspection

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

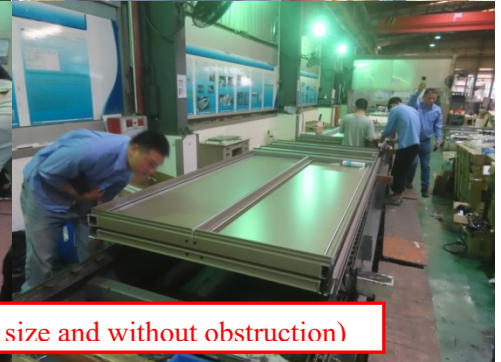
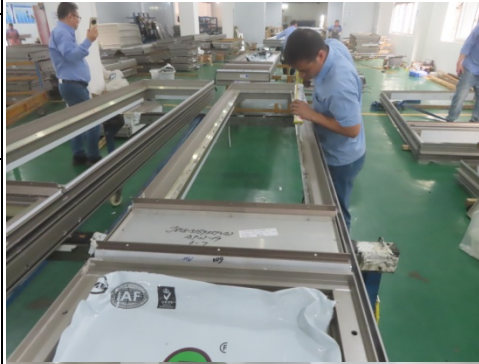


Photo 7

Location:
Observation

Description:
Fixing of back panel for T2 9-17/F Zone M05 and M06, T3 9-11/F Zone M07

Action:



Check venting hole (location, size and without obstruction)

Photo 8

Location:
Observation

Description:
Check location and model of thermal insulation

Action:

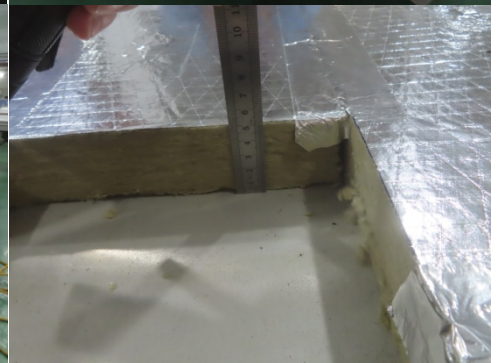


Photo 9

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

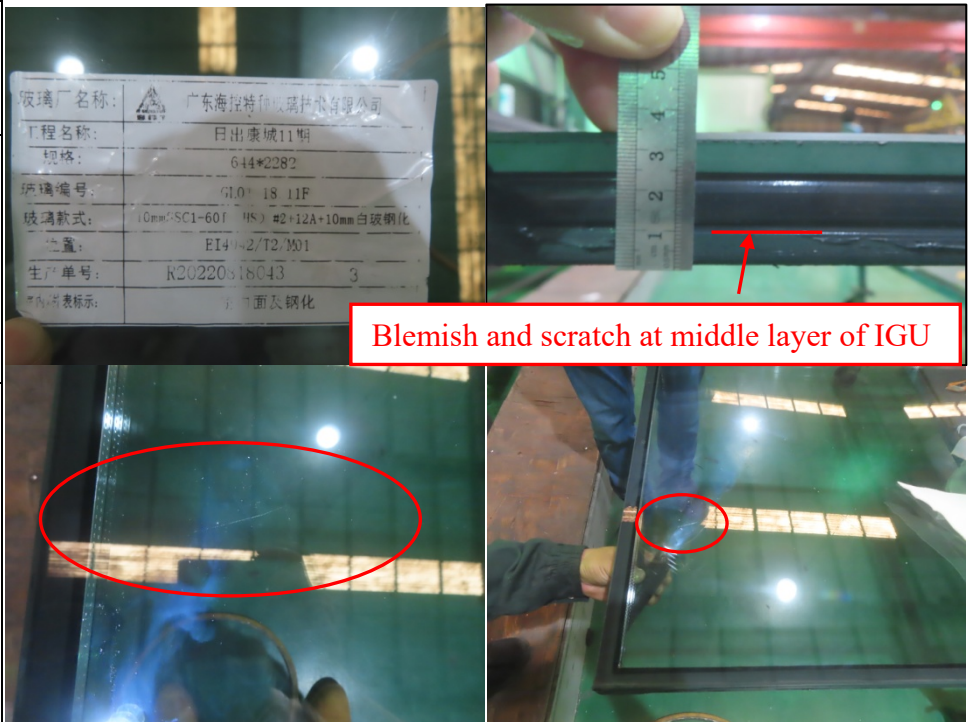
Butterfly test and Snap test for Dowsil 983 structural sealant

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



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

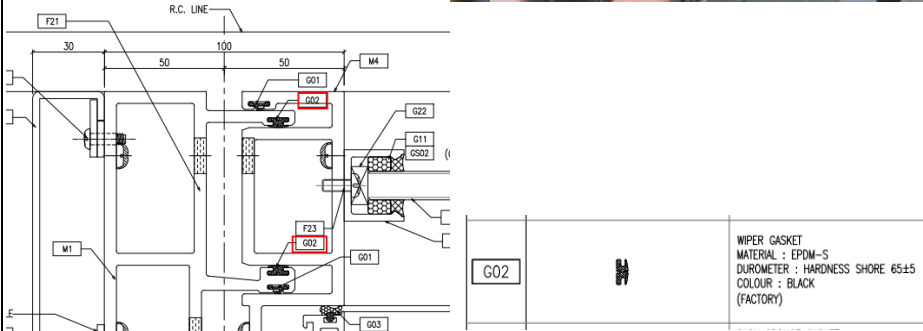
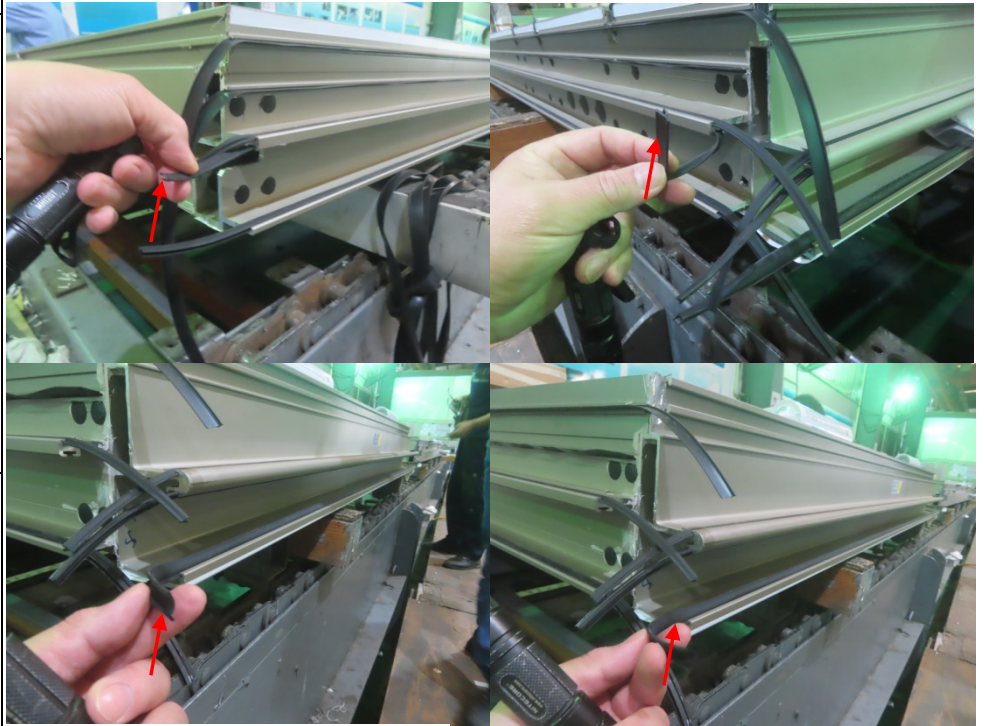


Photo 12

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



Photo 13

Location:
Observation

Description:
Water test of T2 9-11/F
Zone M05 unitized
panels

Action:
-



Photo 14

Location:
Observation

Description:
General inspection of T3
9-11/F Zone M07
unitized panels during
fabrication

Action:
-



Photo 15

Location:
Observation

Description:
General inspection of
unitized panels for T2 9
to 17/F (4th & 5th log
Zone M05 & M06)

Action:
-



3 COMMENT, RECOMMENDATIONS AND REMINDER

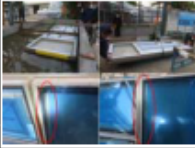











- Uneven of components was found during factory inspection. MIDI is required to improve workmanship for further works.
- Blemish and scratch was found at middle layer of IGU. MIDI is required to improve workmanship for further works.
- Gasket of 2 numbers of unitized panel were found not match with design drawing during factory inspection. MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works.
- Defective chrome plated finishing for extrusion clip was found during factory inspection. MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION


Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Accom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23- 24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-06 Photo 11	Refer to Site Memo for corrective action by Midi		Routine Monitoring
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16	Refer to Site Memo for corrective action by Midi		Routine Monitoring
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 16	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
11	Defective gasket was found during factory inspection for Zone M02 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 03	Reminder only		Routine Monitoring
12	18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion 	MIDI is required to carry out remedial works before fixing of glass panels	Report-R-07 Photo 04	Refer to Site Memo for corrective action by Midi		Routine Monitoring

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
13	Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B	Routine Monitoring
14	Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 13	Refer to factory inspection report-R-09 Photo 02 & Appendix B	Routine Monitoring
15	Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 14	Refer to factory inspection report-R-09 Photo 02 & Appendix B	Routine Monitoring
16	Gasket of unitized panels for Zone M02 were found not match with design drawing		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-08 Photo 06	Refer to factory inspection report-R-09 Photo 03	Routine Monitoring
17	Defective gaskets for 2nd log unitized panels were found during final inspection and packing		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-09 Photo 04	Reminder only	Routine Monitoring
18	Defective chrome plated finishing for gutter sleeve was found during factory inspection		MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-10 Photo 06		Routine Monitoring
19	Defective sealant for 2nd & 3rd log unitized panels were found during final inspection and packing		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-10 Photo 10		Routine Monitoring
20	Defective sealant and gasket for 2nd & 3rd log unitized panels were found during final inspection and packing		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-11 Photo 10	Final inspection on 3-Mar-2023, No adverse comment	Routine Monitoring
21	Defective chrome plated finishing for extrusion clip was found during factory inspection		MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-11 Photo 11		Routine Monitoring
22	Uneven of components was found during factory inspection		MIDI is required to improve workmanship for further works	Report-R-17 Photo 06		
23	Blemish and scratch was found at middle layer of IGU		MIDI is required to improve workmanship for further works	Report-R-17 Photo 10		
24	Gasket of 2 numbers of unitized panel were found not match with design drawing during factory inspection		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-17 Photo 11		

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
25	Defective chrome plated finishing for extrusion clip was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-17 Photo 11			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule			
No. of Visit	Date	Factory	Inspection Engineer
1	2022-11-18	Midi 中堂 Factory	CF. Cheng
2	2022-11-21	Midi 中堂 Factory	CF. Cheng
3	2022-11-25	Midi 中堂 Factory	CF. Cheng
4	2022-11-30	Midi 中堂 Factory	CF. Cheng
5	2022-12-12	Midi 中堂 Factory	CF. Cheng
6	2022-12-20	Midi 中堂 Factory	CF. Cheng
7	2023-01-04	Midi 中堂 Factory	CF. Cheng
8	2023-02-03	Midi 中堂 Factory	CF. Cheng
9	2023-02-10	Midi 中堂 Factory	CF. Cheng
10	2023-02-17	Midi 中堂 Factory	CF. Cheng
11	2023-02-17	Polyfair~泰克邦(鋁板廠)	CF. Cheng
		Polyfair~普立幕牆(鋁料廠)	
12	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
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
18	2023-03-17	Midi 中堂 Factory	CF. Cheng

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)					組裝狀態			打膠狀態			包裝狀態			出貨狀態										
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	63	63	0	7	3	0	63	0	29	13	63	0	12	5	63	0	27	20	0
						總數量	已組裝數量	尚欠數量	17/12	19/12		已打膠數量	尚欠數量	25/11	21/12	已包裝數量	尚欠數量	21/12	13/02	已出貨數量	尚欠數量	13/02	06/03	
AF-021	1838	3300	6.06	24.26		4	4	0	2			4	0	4		4	0	4		4	0	2		
AF-022	1838	3250	5.97	5.97		1	1	0		1		1	0	1		1	0	1		1	0	1		
AF-025	1425	3300	4.70	18.81		4	4	0				4	0	4		4	0			4	0	2		
AF-026	1425	3250	4.63	4.63		1	1	0				1	0	1		1	0	1		1	0	1		
AF-029	1631	3300	5.38	10.76		2	2	0				2	0			2	0			2	0		2	
AF-047	700	3300	2.31	4.62		2	2	0				2	0			2	0			2	0		2	
AF-055	700	3250	2.28	4.55		2	2	0				2	0	2		2	0			2	0	2		
AF-056	700	3250	2.28	2.28		1	1	0				1	0	1		1	0	1		1	0	1		
AF-064	765	3250	2.49	2.49		1	1	0		1		1	0		1	1	0	1		1	0	1		
AF-079	1838	3300	6.06	6.06		1	1	0		1		1	0		1	1	0	1		1	0	1		
AF-081	1425	3300	4.70	4.70		1	1	0				1	0	1		1	0			1	0	1		
AF-084	1631	3300	5.38	5.38		1	1	0				1	0			1	0			1	0		1	
AF-095	700	3300	2.31	2.31		1	1	0				1	0			1	0			1	0		1	
AF-150	983	2195	2.16	2.16		1	1	0				1	0	1		1	0	1		1	0	1		
AF-152	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0	1		
AF-153	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0	1		
AF-160	1245	1270	1.58	1.58		1	1	0				1	0			1	0			1	0		1	
AF-161	700	1270	0.89	0.89		1	1	0				1	0			1	0			1	0		1	
AF-162	700	1270	0.89	0.89		1	1	0				1	0			1	0			1	0		1	
AF-163	1631	1270	2.07	2.07		1	1	0				1	0			1	0			1	0		1	
AF-164	681	1270	0.86	0.86		1	1	0				1	0			1	0			1	0		1	
AF-165	1363	1270	1.73	1.73		1	1	0				1	0			1	0			1	0		1	
AS-01	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1		5	0	3		
AS-03	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1		5	0	3		
AS-04	700	3300	2.31	6.93		3	3	0				3	0			3	0			3	0		3	
AS-07	700	3300	2.31	11.55		5	5	0				5	0	5		5	0			5	0	3		
AS-10	681	3300	2.25	6.74		3	3	0				3	0			3	0			3	0		3	
AS-12	765	3300	2.52	12.62		5	5	0	5			5	0		5	5	0	5		5	0	3		
AM-03	1363	3300	4.50	13.49		3	3	0				3	0			3	0			3	0		3	
AM-11	1245	3300	4.11	12.33		3	3	0				3	0	3		3	0			3	0		3	

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	63	100%
	配件狀態	OK		組框工序	63	100%
	玻璃狀態	OK		注膠工序	63	100%
	鋁板狀態	OK		裝架工序	63	100%
	加工圖狀態	OK		出貨工序	63	100%

製表日期: 17-03-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-2)

J-858康城11期 幕牆單元件生產狀態 (Zone-2)					組裝狀態						打膠狀態				包裝狀態				出貨狀態						
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	60	60	0	12	12	0	60	0	5	0	60	0	18	0	49	11	27	12	10	0
			####			總數量	已組裝數量	尚欠數量	18/12	19/12		已打膠數量	尚欠數量	07/02		已包裝數量	尚欠數量	08/02		已出貨數量	尚欠數量	03/03	06/03	10/03	
AM-03	1363	3300	4.50	22.48		5	5	0				5	0			5	0	1		3	2		2	1	
AM-05	1363	3300	4.50	22.48		5	5	0				5	0			5	0	3		5	0	5			
AM-12	1300	3300	4.29	21.45		5	5	0				5	0			5	0	1		2	3		2		
AM-48	1363	3250	4.43	4.43		1	1	0				1	0			1	0			1	0	1			
AM-53	1363	3250	4.43	4.43		1	1	0				1	0			1	0			1	0			1	
AM-54	1300	3250	4.23	4.23		1	1	0				1	0			1	0			1	0		1		
AF-011	1857	3300	6.13	24.51		4	4	0		4		4	0			4	0	3		4	0	4			
AF-013	1857	3250	6.03	6.03		1	1	0	1			1	0	1		1	0			1	0	1			
AF-031	1747	3250	5.68	5.68		1	1	0		1		1	0	1		1	0			1	0			1	
AF-030	1747	3300	5.76	23.05		4	4	0		4		4	0	2		4	0	1		3	1		2	1	
AF-060	681	3250	2.21	2.21		1	1	0				1	0			1	0			1	0			1	
AF-062	681	3250	2.21	2.21		1	1	0				1	0			1	0			1	0	1			
AF-064	765	3250	2.49	2.49		1	1	0	1			1	0			1	0			1	0		1		
AF-065	765	3250	2.49	2.49		1	1	0	1			1	0			1	0			1	0	1			
AF-073	1857	3300	6.13	6.13		1	1	0		1		1	0			1	0			1	0	1			
AF-085	1747	3300	5.76	5.76		1	1	0		1		1	0	1		1	0			0	1				
AF-111	1012	582.5	0.59	0.59		1	1	0				1	0			1	0			1	0	1			
AF-113	1012	582.5	0.59	0.59		1	1	0				1	0			1	0			1	0	1			
AF-115	1012	582.5	0.59	0.59		1	1	0				1	0			1	0			1	0	1			
AF-122	1003	582.5	0.58	0.58		1	1	0				1	0			1	0			1	0			1	
AF-123	1003	582.5	0.58	0.58		1	1	0				1	0			1	0			1	0			1	
AF-124	1003	582.5	0.58	0.58		1	1	0				1	0			1	0			1	0			1	
AS-09	681	3300	2.25	11.24		5	5	0				5	0			5	0	3		5	0	5			
AS-10	681	3300	2.25	11.24		5	5	0				5	0			5	0	1		3	2		2	1	
AS-11	765	3300	2.52	12.62		5	5	0	5			5	0			5	0	4		5	0	5			
AS-13	765	3300	2.52	12.62		5	5	0	4	1		5	0			5	0	1		3	2		2	1	

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	60	100.0%
	配件狀態	OK		組框工序	60	100.0%
	玻璃狀態	OK		注膠工序	60	100.0%
	鋁板狀態	OK		裝架工序	60	100.0%
	加工圖狀態	OK		出貨工序	49	81.7%

製表日期: 17-03-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-3&4)					組裝狀態					打膠狀態				包裝狀態				出貨狀態									
單元編號	寬度 mm	高度 mm	單件 面積	總面積	備註	353.49	97	97	0	2	12	6	0	97	0	9	8	0	97	0	10	29	49	48	32	17	0
						總數量	已組裝 數量	尚欠 數量	03/02	09/02	10/02	已打膠 數量	尚欠 數量	15/02	16/02	已包裝 數量	尚欠 數量	02/03	10/03	已出貨 數量	尚欠 數量	08/03	10/03				
AF-001	1830	3300	6.04	24.16			4	4	0					4	0				4	0			4	0			
AF-002	1830	3250	5.95	5.95			1	1	0					1	0				1	0			1	0			
AF-005	1563	3300	5.16	20.63			4	4	0					4	0				4	0			4	0			
AF-006	1563	3250	5.08	5.08			1	1	0					1	0				1	0			1	0			
AF-009	1309	3300	4.32	8.64			2	2	0			2		2	0			1	2	0		1	0			2	
AF-010	1699	3300	5.61	11.21			2	2	0			1		2	0				2	0			2	0			
AF-011	1857	3300	6.13	24.51			4	4	0					4	0			2	4	0		1	0			4	
AF-012	1857	3250	6.03	6.03			1	1	0					1	0				1	0			0	1			
AF-051	665	3250	2.16	2.16			1	1	0					1	0				1	0			1	0			1
AF-053	700	2345	1.64	3.28			2	2	0					2	0				2	0			2	0			2
AF-060	644	3250	2.09	2.09			1	1	0					1	0			1	1	0			0	1			
AF-063	765	3250	2.49	2.49			1	1	0					1	0				1	0			0	1			
AF-068	1830	3300	6.04	6.04			1	1	0			1		1	0				1	0			1	0			1
AF-069	1563	3300	5.16	5.16			1	1	0					1	0				1	0			1	0			1
AF-071	1309	3300	4.32	4.32			1	1	0			1		1	0			1	1	0			0	1			
AF-072	1699	3300	5.61	5.61			1	1	0					1	0				1	0			0	1			
AF-073	1857	3300	6.13	6.13			1	1	0					1	0				1	0			0	1			
AF-100	1007	582.5	0.59	0.59			1	1	0					1	0			1	1	0			1	0			1
AF-101	1007	582.5	0.59	0.59			1	1	0					1	0			1	1	0			1	0			1
AF-102	1007	582.5	0.59	0.59			1	1	0			1		1	0			1	1	0			1	0			1
AF-160	1245	1270	1.58	1.58			1	1	0					1	0				1	0			1	0			1
AF-164	681	1270	0.86	1.73			2	2	0					2	0				2	0			0	2			
AF-165	1363	1270	1.73	1.73			1	1	0					1	0				1	0			0	1			
AF-167	1363	1270	1.73	1.73			1	1	0					1	0				1	0			0	1			
AF-168	1309	1270	1.66	1.66			1	1	0					1	0				1	0			0	1			
AF-169	1699	1270	2.16	2.16			1	1	0					1	0				1	0			0	1			
AM-01	1363	3300	4.50	35.97			8	8	0			3		8	0			2	2			8	0			8	
AM-03	1363	3300	4.50	13.49			3	3	0			1		3	0				3	0			0	3			
AM-10	1400	3300	4.62	23.10			5	5	0			1		5	0				5	0			5	0			3
AM-11	1245	3300	4.11	12.33			3	3	0			1		3	0				3	0			3	0			3
AM-14	1640	3300	5.41	27.06			5	5	0			1		5	0				5	0			5	0			5
AM-49	1400	3250	4.55	4.55			1	1	0					1	0				1	0			1	0			1
AM-50	1640	3250	5.33	5.33			1	1	0					1	0				1	0			1	0			1
AM-52	1363	3250	4.43	4.43			1	1	0					1	0				1	0			0	1			
AS-01	700	3300	2.31	11.55			5	5	0					5	0				5	0			5	0			3
AS-02	700	3300	2.31	11.55			5	5	0					5	0				5	0			5	0			3
AS-09	681	3300	2.25	17.98			8	8	0			3		8	0			1	1			8	0			4	
AS-10	681	3300	2.25	6.74			3	3	0			1		3	0				3	0			0	3			
AS-11	765	3300	2.52	12.62			5	5	0					5	0				5	0			0	5			
AS-14	665	3300	2.19	10.97			5	5	0					5	0				5	0			5	0			5

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	97	100.0%
	配件狀態	OK		組框工序	97	100.0%
	玻璃狀態	OK		注膠工序	97	100.0%
	鋁板狀態	OK		裝架工序	97	100.0%
	加工圖狀態	OK		出貨工序	49	50.5%

製表日期: 17-03-2023

J-858康城11期 幕牆單元件生產狀態 (T2 9-11F)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態						打膠狀態				包裝狀態				出貨狀態			
						148	141	7	25	22	24	0	140	8	14	0	137	11	21	0	0	148	0
總數量	已組裝數量	尚欠數量	06/03	10/03	13/03	已打膠數量	尚欠數量	15/03	已包裝數量	尚欠數量	15/03	已出貨數量	尚欠數量	06/03	10/03	13/03	15/03	0	148	0	0		
AF-005	1563	3300	5.16	10.31		2	2	0				2	0					2	0				
AF-006	1563	3250	5.08	5.08		1	1	0				1	0					1	0				
AF-009	1309	3300	4.32	8.64		2	2	0				2	0					2	0				
AF-011	1857	3300	6.13	24.51		4	4	0				4	0					4	0				
AF-012	1857	3250	6.03	6.03		1	1	0				1	0					1	0				
AF-013	1857	3250	6.03	6.03		1	1	0				1	0					1	0				
AF-017	1857	3300	6.13	12.25		2	2	0				2	0					2	0				
AF-018	1857	3250	6.03	6.03		1	1	0				1	0					1	0				
AF-035	1855	3300	6.12	12.24		2	2	0				2	0					2	0				
AF-036	1855	3250	6.03	6.03		1	1	0				1	0					1	0				
AF-039	1724	3300	5.69	11.38		2	2	0				2	0					2	0				
AF-040	1326	3300	4.38	8.75		2	2	0				2	0					2	0				
AF-041	1326	3250	4.31	4.31		1	1	0				1	0					1	0				
AF-042	1569	3300	5.18	10.35		2	2	0				2	0					2	0				
AF-048	787.5	3300	2.60	5.20		2	2	0				2	0					2	0				
AF-049	750	3300	2.48	4.95		2	2	0				2	0					2	0				
AF-050	750	3300	2.48	4.95		2	2	0				2	0					2	0				
AF-052	615	3250	2.00	2.00		1	1	0				0	1					0	1				
AF-053	700	3250	2.28	4.55		2	2	0				2	0					2	0				
AF-060	681	3250	2.21	4.43		2	2	0				2	0					2	0				
AF-061	681	3250	2.21	2.21		1	1	0				1	0					1	0				
AF-062	681	3250	2.21	2.21		1	1	0				1	0					1	0				
AF-063	765	3250	2.49	2.49		1	1	0				1	0					1	0				
AF-064	765	3250	2.49	2.49		1	1	0				1	0					1	0				
AF-065	765	3250	2.49	2.49		1	1	0				1	0					1	0				
AF-100	1007	583	0.59	0.59		1	1	0				1	0					1	0				
AF-101	1007	583	0.59	0.59		1	1	0				1	0					1	0				
AF-102	1007	583	0.59	0.59		1	1	0				1	0					1	0				
AF-103	1023	583	0.60	0.60		1	1	0				1	0					1	0				
AF-104	1023	583	0.60	0.60		1	1	0				1	0					1	0				
AF-105	1023	583	0.60	0.60		1	1	0				1	0					1	0				
AF-106	1363	583	0.79	0.79		1	1	0				1	0					1	0				
AF-107	681	583	0.40	0.40		1	1	0				1	0					1	0				
AF-108	1309	583	0.76	0.76		1	1	0				1	0					1	0				
AF-111	1012	583	0.59	1.77		3	3	0				3	0					3	0				
AF-112	1012	583	0.59	0.59		1	1	0				1	0					1	0				
AF-113	1012	583	0.59	1.18		2	2	0				2	0					2	0				
AF-115	1012	583	0.59	1.18		2	2	0				2	0					2	0				
AF-116	1012	583	0.59	0.59		1	1	0				1	0					1	0				
AF-118	985	583	0.57	0.57		1	1	0				1	0					1	0				
AF-119	985	583	0.57	0.57		1	1	0				1	0					1	0				
AF-120	985	583	0.57	0.57		1	1	0				1	0					1	0				
AF-140	1245	583	0.73	0.73		1	1	0				1	0					1	0				
AF-150	983	2195	2.16	2.16		1	1	0				1	0					1	0				
AF-152	1013	2195	2.22	2.22		1	1	0				1	0					1	0				
AF-153	1013	2195	2.22	2.22		1	1	0				1	0					1	0				
AF-156	1012	2195	2.22	2.22		1	1	0				1	0					1	0				
AF-157	1012	2195	2.22	2.22		1	1	0				1	0					1	0				
AF-158	1012	2195	2.22	2.22		1	1	0				1	0					1	0				
AF-160	1245	1270	1.58	1.58		1	1	0				1	0					1	0				
AF-162	700	1270	0.89	2.67		3	3	0				3	0					3	0				
AF-164	681	1270	0.86	2.59		3	3	0				3	0					3	0				
AF-165	1363	1270	1.73	1.73		1	1	0				1	0					1	0				
AF-167	1363	1270	1.73	3.46		2	2	0				2	0					2	0				
AF-168	1309	1270	1.66	1.66		1	1	0				1	0					1	0				
AF-170	1724	1270	2.19	2.19		1	0	1				0	1					0	1				
AF-171	1569	1270	1.99	1.99		1	1	0				1	0					1	0				
AF-172	787.5	1270	1.00	1.00		1	1	0				1	0					1	0				
AF-173	750	1270	0.95	0.95		1	1	0				1	0					1	0				
AF-174	750	1270	0.95	0.95		1	1	0				1	0					1	0				
AM-01	1363	3300	4.50	26.98		6	5	1				6	0					6	0				
AM-03	1363	3300	4.50	26.98		6	6	0				6	0					6	0				
AM-05	1363	3300	4.50	8.99		2	2	0				2	0					2	0				
AM-06	1728	3300	5.70	11.40		2	2	0				2	0					2	0				
AM-10	1728	3300	5.70	11.40		2	2	0				2	0					2	0				
AM-11	1245	3300	4.11	8.22		2	2	0				2	0					2	0				
AM-16	1690	3300	5.58	11.15		2	2	0				2	0					2	0				
AM-18	1780	3300	5.87	11.75		2	1	1				2	0					2	0				
AM-41	1363	3250	4.43	4.43		1	1	0				0	1					0	1				
AM-48	1363	3250	4.43	4.43		1	1	0				0	1					0	1				
AM-49	1400	3250	4.55	4.55		1	0	1				1	0					1	0				
AM-51	1690	3250	5.49	5.49		1	1	0				1	0					1	0				
AM-52	1363	3250	4.43	4.43		1	1	0				1	0					1	0				
AM-53	1363	3250	4.43	4.43		1	0	1				1	0					1	0				
AM-55	1728	3250	5.61	5.61		1	1	0				1	0					1	0				
AM-56	1780	3250	5.79	5.79		1	1	0				1	0					1	0				
AS-01	700	3300	2.31	4.62		2	2	0				2	0					2	0				
AS-02	700	3300	2.31	9.24		4	3	1				4	0					4	0				
AS-05	700	3300	2.31	4.62		2	2	0				2	0					2	0				
AS-06	700	3300	2.31	4.62		2	1	1				2	0					2	0				
AS-09	681	3300	2.25	17.98		8	8	0				7	1					6	2				
AS-10	681	3300	2.25	13.48		6	6	0				5	1					5	1				
AS-11	765	3300	2.52	10.10		4	4	0				3	1					3	1				
AS-12	765	3300	2.52	5.05		2	2	0				2	0					2	0				
AS-15	615	3300	2.03	4.06		2	2	0				1	1					1	1				

物料狀態	完成量	百分比
	鋁料狀態	OK
	配件狀態	OK
	玻璃狀態	OK
	鋁板狀態	OK
加工圖狀態	OK	

J-858康城11期 幕牆單元件生產狀態 (T2 12-17F)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態					打膠狀態			包裝狀態			出貨狀態							
						總數量	已組裝數量	尚欠數量	28/02	02/03	03/03	已打膠數量	尚欠數量	13/03	已包裝數量	尚欠數量	已出貨數量	尚欠數量						
				530.11		136	130	6	5	7	10	0	108	28	5	0	0	136	0	0	0	136	0	0
AF-005	1563	3300	5.16	10.31		2	2	0					2	0			0	2			0	2		
AF-008	1563	3300	5.16	5.16		1	1	0					1	0			0	1			0	1		
AF-009	1309	3300	4.32	12.96		3	3	0					2	1			0	3			0	3		
AF-011	1857	3300	6.13	24.51		4	3	1					3	1			0	4			0	4		
AF-015	2046	3300	6.75	6.75		1	1	0					1	0			0	1			0	1		
AF-016	2046	3300	6.75	6.75		1	1	0					0	1			0	1			0	1		
AF-017	1857	3300	6.13	12.25		2	2	0					2	0			0	2			0	2		
AF-020	2046	3300	6.75	6.75		1	0	1					0	1			0	1			0	1		
AF-035	1855	3300	6.12	12.24		2	2	0					2	0			0	2			0	2		
AF-038	1855	3300	6.12	6.12		1	1	0					1	0			0	1			0	1		
AF-039	1724	3300	5.69	5.69		1	1	0					1	0			0	1			0	1		
AF-040	1326	3300	4.38	13.13		3	3	0	1	2			3	0			0	3			0	3		
AF-042	1569	3300	5.18	5.18		1	1	0					0	1			0	1			0	1		
AF-048	787.5	3300	2.60	2.60		1	1	0					0	1			0	1			0	1		
AF-049	750	3300	2.48	2.48		1	1	0					1	0			0	1			0	1		
AF-050	750	3300	2.48	2.48		1	1	0					0	1			0	1			0	1		
AF-069	1563	3300	5.16	5.16		1	1	0					1	0			0	1			0	1		
AF-071	1309	3300	4.32	4.32		1	1	0					0	1			0	1			0	1		
AF-073	1857	3300	6.13	12.25		2	2	0					2	0			0	2			0	2		
AF-077	1857	3300	6.13	6.13		1	1	0					1	0			0	1			0	1		
AF-087	1855	3300	6.12	6.12		1	1	0					1	0	1		0	1			0	1		
AF-088	1724	3300	5.69	5.69		1	1	0					1	0			0	1			0	1		
AF-089	1326	3300	4.38	4.38		1	1	0	1				1	0			0	1			0	1		
AF-093	1569	3300	5.18	5.18		1	1	0					0	1			0	1			0	1		
AF-096	787.5	3300	2.60	2.60		1	1	0					0	1			0	1			0	1		
AF-097	750	3300	2.48	2.48		1	1	0					1	0			0	1			0	1		
AF-098	750	3300	2.48	2.48		1	1	0					0	1			0	1			0	1		
AM-01	1363	3300	4.50	40.47		9	9	0					3	6			0	9			0	9		
AM-02	1363	3300	4.50	4.50		1	1	0					1	0			0	1			0	1		
AM-03	1363	3300	4.50	40.47		9	9	0	1	2	4		8	1			0	9			0	9		
AM-04	1363	3300	4.50	4.50		1	1	0					1	0			0	1			0	1		
AM-05	1363	3300	4.50	17.99		4	4	0					4	0			0	4			0	4		
AM-06	1728	3300	5.70	17.10		3	2	1					2	1			0	3			0	3		
AM-07	1728	3300	5.70	5.70		1	0	1					0	1			0	1			0	1		
AM-10	1400	3300	4.62	18.48		4	4	0					4	0			0	4			0	4		
AM-11	1245	3300	4.11	16.43		4	4	0					4	0			0	4			0	4		
AM-16	1690	3300	5.58	16.73		3	3	0					3	0			0	3			0	3		
AM-17	1690	3300	5.58	5.58		1	1	0					1	0			0	1			0	1		
AM-18	1780	3300	5.87	17.62		3	3	0	1				3	0			0	3			0	3		
AM-19	1780	3300	5.87	5.87		1	1	0					1	0			0	1			0	1		
AS-01	700	3300	2.31	6.93		3	3	0					3	0			0	3			0	3		
AS-02	700	3300	2.31	11.55		5	5	0					4	1			0	5			0	5		
AS-05	700	3300	2.31	4.62		2	2	0					0	2			0	2			0	2		
AS-06	700	3300	2.31	4.62		2	2	0					2	0			0	2			0	2		
AS-09	681	3300	2.25	26.97		12	12	0			1		10	2			0	12			0	12		
AS-10	681	3300	2.25	20.23		9	9	0	1	3	3		9	0			0	9			0	9		
AS-11	765	3300	2.52	15.15		6	6	0					6	0	3		0	6			0	6		
AS-12	765	3300	2.52	7.57		3	2	1					2	1			0	3			0	3		
AS-15	615	3300	2.03	8.12		4	4	0					4	0			0	4			0	4		
AS-16	700	3300	2.31	2.31		1	1	0					1	0			0	1			0	1		
AS-17	700	3300	2.31	2.31		1	1	0					0	1			0	1			0	1		
AS-18	681	3300	2.25	2.25		1	1	0					1	0			0	1			0	1		
AS-19	954.5	3300	3.15	3.15		1	1	0					1	0			0	1			0	1		
AS-24	681	3300	2.25	2.25		1	0	1					0	1			0	1			0	1		
AS-25	681	3300	2.25	2.25		1	1	0			1		1	0			0	1			0	1		
AS-26	954.5	3300	3.15	3.15		1	1	0					1	0	1		0	1			0	1		
AS-27	954.5	3300	3.15	3.15		1	1	0					1	0			0	1			0	1		

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	136	100.0%
	配件狀態	OK		組框工序	130	95.6%
	玻璃狀態	OK		注膠工序	108	79.4%
	鋁板狀態	OK		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

製表日期: 17-03-2023

J-858康城11期 幕牆單元件生產狀態 (T3 12-17F)					組裝狀態					打膠狀態					包裝狀態					出貨狀態				
582.99					160	0	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	總數量	已組裝數量	尚欠數量																
AF-005	1563	3300	5.16	10.31		2	0	2																
AF-008	1563	3300	5.16	5.16		1	0	1																
AF-009	1309	3300	4.32	12.96		3	0	3																
AF-011	1857	3300	6.13	12.25		2	0	2																
AF-015	2046	3300	6.75	6.75		1	0	1																
AF-021	1838	3300	6.06	12.13		2	0	2																
AF-024	2027	3300	6.69	6.69		1	0	1																
AF-025	1425	3300	4.70	9.41		2	0	2																
AF-028	1425	3300	4.70	4.70		1	0	1																
AF-035	1855	3300	6.12	12.24		2	0	2																
AF-038	1855	3300	6.12	6.12		1	0	1																
AF-039	1724	3300	5.69	17.07		3	0	3																
AF-040	1326	3300	4.38	13.13		3	0	3																
AF-042	1569	3300	5.18	15.53		3	0	3																
AF-043	1590	3300	5.25	10.49		2	0	2																
AF-046	1590	3300	5.25	5.25		1	0	1																
AF-048	787.5	3300	2.60	7.80		3	0	3																
AF-049	750	3300	2.48	7.43		3	0	3																
AF-050	750	3300	2.48	7.43		3	0	3																
AF-069	1563	3300	5.16	5.16		1	0	1																
AF-071	1309	3300	4.32	4.32		1	0	1																
AF-074	1857	3300	6.13	6.13		1	0	1																
AF-078	1838	3300	6.06	6.06		1	0	1																
AF-082	1425	3300	4.70	4.70		1	0	1																
AF-087	1855	3300	6.12	6.12		1	0	1																
AF-088	1724	3300	5.69	5.69		1	0	1																
AF-090	1326	3300	4.38	4.38		1	0	1																
AF-093	1569	3300	5.18	5.18		1	0	1																
AF-094	1590	3300	5.25	5.25		1	0	1																
AF-096	787.5	3300	2.60	2.60		1	0	1																
AF-097	750	3300	2.48	2.48		1	0	1																
AF-098	750	3300	2.48	2.48		1	0	1																
AM-01	1363	3300	4.50	35.97		8	0	8																
AM-03	1363	3300	4.50	35.97		8	0	8																
AM-05	1363	3300	4.50	17.99		4	0	4																
AM-08	1825	3300	6.02	18.07		3	0	3																
AM-09	1825	3300	6.02	6.02		1	0	1																
AM-10	1400	3300	4.62	18.48		4	0	4																
AM-11	1245	3300	4.11	16.43		4	0	4																
AM-16	1690	3300	5.58	16.73		3	0	3																
AM-17	1690	3300	5.58	5.58		1	0	1																
AS-01	700	3300	2.31	13.86		6	0	6																
AS-02	700	3300	2.31	16.17		7	0	7																
AS-03	700	3300	2.31	6.93		3	0	3																
AS-05	700	3300	2.31	9.24		4	0	4																
AS-06	700	3300	2.31	9.24		4	0	4																
AS-07	700	3300	2.31	6.93		3	0	3																
AS-08	700	3300	2.31	6.93		3	0	3																
AS-09	681	3300	2.25	24.72		11	0	11																
AS-10	681	3300	2.25	17.98		8	0	8																
AS-11	765	3300	2.52	15.15		6	0	6																
AS-12	765	3300	2.52	7.57		3	0	3																
AS-15	615	3300	2.03	8.12		4	0	4																
AS-16	700	3300	2.31	2.31		1	0	1																
AS-17	700	3300	2.31	2.31		1	0	1																
AS-18	681	3300	2.25	2.25		1	0	1																
AS-19	954.5	3300	3.15	3.15		1	0	1																
AS-20	700	3300	2.31	2.31		1	0	1																
AS-21	700	3300	2.31	2.31		1	0	1																
AS-22	700	3300	2.31	2.31		1	0	1																
AS-23	700	3300	2.31	2.31		1	0	1																
AS-26	954.5	3300	3.15	3.15		1	0	1																
AS-27	954.5	3300	3.15	3.15		1	0	1																
			0.00	0.00			0	0																

物料狀態	完成量	百分比	生產狀態	完成量	百分比	待組框	
	鋁料狀態	OK		加工工序	160		100.0%
	配件狀態	OK		組框工序	0		0.0%
	玻璃狀態	94%		注膠工序	0		0.0%
	鋁板狀態	OK		裝架工序	0		0.0%
加工圖狀態	OK	出貨工序	0	0.0%			

製表日期: 17-03-2023

J-858康城11期 幕牆單元件生產狀態 (T2 18-21F)					組裝狀態					打膠狀態					包裝狀態					出貨狀態										
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	160					0					160					0					160				
						總數量	已組裝數量	尚欠數量																						
AF-005	1563	3300	5.16	10.31		2	0	2							0	160	0	0	0	0	0	0	0	0	0	0				
AF-008	1563	3300	5.16	5.16		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-009	1309	3300	4.32	12.96		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AF-011	1857	3300	6.13	24.51		4	0	4							0	160	0	0	0	0	0	0	0	0	0	0				
AF-015	2046	3300	6.75	6.75		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-016	2046	3300	6.75	6.75		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-017	1857	3300	6.13	12.25		2	0	2							0	160	0	0	0	0	0	0	0	0	0	0				
AF-020	2046	3300	6.75	6.75		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-035	1855	3300	6.12	12.24		2	0	2							0	160	0	0	0	0	0	0	0	0	0	0				
AF-038	1855	3300	6.12	6.12		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-039	1724	3300	5.69	17.07		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AF-040	1326	3300	4.38	13.13		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AF-042	1569	3300	5.18	15.53		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AF-048	787.5	3300	2.60	7.80		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AF-049	750	3300	2.48	7.43		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AF-050	750	3300	2.48	7.43		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AF-069	1563	3300	5.16	5.16		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-071	1309	3300	4.32	4.32		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-073	1857	3300	6.13	12.25		2	0	2							0	160	0	0	0	0	0	0	0	0	0	0				
AF-077	1857	3300	6.13	6.13		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-087	1855	3300	6.12	6.12		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-088	1724	3300	5.69	5.69		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-089	1326	3300	4.38	4.38		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-093	1569	3300	5.18	5.18		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-096	787.5	3300	2.60	2.60		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-097	750	3300	2.48	2.48		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AF-098	750	3300	2.48	2.48		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AM-01	1363	3300	4.50	49.46		11	0	11							0	160	0	0	0	0	0	0	0	0	0	0				
AM-02	1363	3300	4.50	4.50		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AM-03	1363	3300	4.50	49.46		11	0	11							0	160	0	0	0	0	0	0	0	0	0	0				
AM-04	1363	3300	4.50	4.50		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AM-05	1363	3300	4.50	17.99		4	0	4							0	160	0	0	0	0	0	0	0	0	0	0				
AM-06	1728	3300	5.70	17.10		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AM-07	1728	3300	5.70	5.70		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AM-10	1400	3300	4.62	18.48		4	0	4							0	160	0	0	0	0	0	0	0	0	0	0				
AM-11	1245	3300	4.11	16.43		4	0	4							0	160	0	0	0	0	0	0	0	0	0	0				
AM-16	1690	3300	5.58	16.73		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AM-17	1690	3300	5.58	5.58		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AM-18	1780	3300	5.87	17.62		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AM-19	1780	3300	5.87	5.87		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AS-01	700	3300	2.31	6.93		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AS-02	700	3300	2.31	16.17		7	0	7							0	160	0	0	0	0	0	0	0	0	0	0				
AS-05	700	3300	2.31	9.24		4	0	4							0	160	0	0	0	0	0	0	0	0	0	0				
AS-06	700	3300	2.31	9.24		4	0	4							0	160	0	0	0	0	0	0	0	0	0	0				
AS-09	681	3300	2.25	31.46		14	0	14							0	160	0	0	0	0	0	0	0	0	0	0				
AS-10	681	3300	2.25	24.72		11	0	11							0	160	0	0	0	0	0	0	0	0	0	0				
AS-11	765	3300	2.52	15.15		6	0	6							0	160	0	0	0	0	0	0	0	0	0	0				
AS-12	765	3300	2.52	7.57		3	0	3							0	160	0	0	0	0	0	0	0	0	0	0				
AS-15	615	3300	2.03	8.12		4	0	4							0	160	0	0	0	0	0	0	0	0	0	0				
AS-16	700	3300	2.31	2.31		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AS-17	700	3300	2.31	2.31		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AS-18	681	3300	2.25	2.25		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AS-19	954.5	3300	3.15	3.15		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AS-24	681	3300	2.25	2.25		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AS-25	681	3300	2.25	2.25		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AS-26	954.5	3300	3.15	3.15		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				
AS-27	954.5	3300	3.15	3.15		1	0	1							0	160	0	0	0	0	0	0	0	0	0	0				

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	0	0.0%
	配件狀態	OK		組框工序	0	0.0%
	玻璃狀態	待到貨		注膠工序	0	0.0%
	鋁板狀態	待加工		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

製表日期: 17-03-2023

J-858康城11期 幕牆單元件生產狀態 (T3 18-21F)					組裝狀態					打膠狀態					包裝狀態					出貨狀態						
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	160	0	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						總數量	已組裝數量	尚欠數量	已打膠數量	尚欠數量	已包裝數量	尚欠數量	已出貨數量	尚欠數量												
AF-005	3300	1563	5.16	10.31		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-008	3300	1563	5.16	5.16		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-009	3300	1309	4.32	12.96		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-011	3300	1857	6.13	12.25		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-015	3300	2046	6.75	6.75		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-021	3300	1838	6.06	12.13		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-024	3300	2027	6.69	6.69		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-025	3300	1425	4.70	9.41		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-028	3300	1425	4.70	4.70		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-035	3300	1855	6.12	12.24		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-038	3300	1855	6.12	6.12		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-039	3300	1724	5.69	17.07		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-040	3300	1326	4.38	13.13		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-042	3300	1569	5.18	15.53		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-043	3300	1590	5.25	10.49		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-046	3300	1590	5.25	5.25		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-048	3300	787.5	2.60	7.80		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-049	3300	750	2.48	7.43		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-050	3300	750	2.48	7.43		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-069	3300	1563	5.16	5.16		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-071	3300	1309	4.32	4.32		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-074	3300	1857	6.13	6.13		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-078	3300	1838	6.06	6.06		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-082	3300	1425	4.70	4.70		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-087	3300	1855	6.12	6.12		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-088	3300	1724	5.69	5.69		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-090	3300	1326	4.38	4.38		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-093	3300	1569	5.18	5.18		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-094	3300	1590	5.25	5.25		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-096	3300	787.5	2.60	2.60		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-097	3300	750	2.48	2.48		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF-098	3300	750	2.48	2.48		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-01	3300	1363	4.50	35.97		8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-03	3300	1363	4.50	35.97		8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-05	3300	1363	4.50	17.99		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-08	3300	1825	6.02	18.07		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-09	3300	1825	6.02	6.02		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-10	3300	1400	4.62	18.48		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-11	3300	1245	4.11	16.43		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-16	3300	1690	5.58	16.73		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-17	3300	1690	5.58	5.58		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-01	3300	700	2.31	13.86		6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-02	3300	700	2.31	16.17		7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-03	3300	700	2.31	6.93		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-05	3300	700	2.31	9.24		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-06	3300	700	2.31	9.24		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-07	3300	700	2.31	6.93		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-08	3300	700	2.31	6.93		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-09	3300	681	2.25	24.72		11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-10	3300	681	2.25	17.98		8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-11	3300	765	2.52	15.15		6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-12	3300	765	2.52	7.57		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-15	3300	615	2.03	8.12		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-16	3300	700	2.31	2.31		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-17	3300	700	2.31	2.31		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-18	3300	681	2.25	2.25		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-19	3300	954.5	3.15	3.15		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-20	3300	700	2.31	2.31		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-21	3300	700	2.31	2.31		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-22	3300	700	2.31	2.31		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-23	3300	700	2.31	2.31		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-26	3300	954.5	3.15	3.15		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AS-27	3300	954.5	3.15	3.15		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	0	0.0%
	配件狀態	OK		組框工序	0	0.0%
	玻璃狀態	待到貨		注膠工序	0	0.0%
	鋁板狀態	待加工		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

開料加工中

製表日期: 17-03-2023



PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

Factory Inspection Report 18



Inspection Date: 24th March 2023
Issue Date: 25th March 2023

Report Reference: 60646872-FI-R-18

Factory Inspection Report for
PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS
PARK, TSEUNG KWAN O. N.T.

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Appendix

Appendix A- Details of fabrication progress

1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out Factory inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Façade Contractor:	MIDI Aluminium Fabricator Ltd. (MIDI)
Factory Location:	東莞市中常鎮鳳沖工業區湛鳳路 30 號
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Construction Limited
Inspection Date:	24 th March 2023
Attending Parties:	Mr. CF.Cheng (ACF) 吳水洪先生(美特 駐廠代表)
Report By:	Mr. CF. Cheng (ACF)

2 OBSERVATIONS

2.1 Status

- Materials cutting, milling and drilling of extrusions for T3 18/F to 21/F unitized panels (Details please refer to Appendix A);
- Quality checking and general inspection of raw materials prior fabrication;
- General inspection of transom and mullion for balcony during fabrication;
- Fit-up assembly of Mullion and Transom for T3 12-17/F Zone M08 (7th log unitized panels);
- Fixing of back panel and sealant works for T2 9-11/F Zone M05 and T3 9-11/F Zone M07;
- General inspection and dimension checking of glazing prior fit-up assembly and sealant works;
- Quality checking of thermal insulation for back panel;
- Application of structural sealant for T2 9-11/F Zone M05 and T3 9-11/F Zone M07;
- General inspection of unitized panels for T2 9-11/F Zone M05 and T3 9-11/F Zone M07;
- General inspection of unitized panels for T2 9 to 17/F (4th & 5th log Zone M05 & M06).

2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

Note:

- 1) For ***Comments, Recommendation and Reminders*** please refer to ***Section 3***.
- 2) For ***Summary table of finding and remedial action*** please refer to ***Section 4***.
- 3) For ***Inspection Schedule***, please refer to ***Section 5*** at the end of this report.

Photo 1

Location:
Observation

Description:
Materials cutting, milling and drilling of extrusions for T3 18/F to 21/F unitized panels (Details please refer to Appendix A)

Action:



Photo 2

Location:
Observation

Description:
Quality checking and general inspection of raw materials prior fabrication

Action:



Photo 3

Location:
Observation

Description:
General inspection of transom and mullion for balcony during fabrication

Action:
-



Photo 4

Location:
Observation

Description:
Fit-up assembly of Mullion and Transom for T3 12-17/F Zone M08 (7th log unitized panels)

Action:
-



Photo 7

Location:
Observation

Description:
Quality checking of thermal insulation for back panel

Action:



Photo 8

Location:
Observation

Description:
Application of structural sealant for T2 9-11/F Zone M05 and T3 9-11/F Zone M07;

Action:

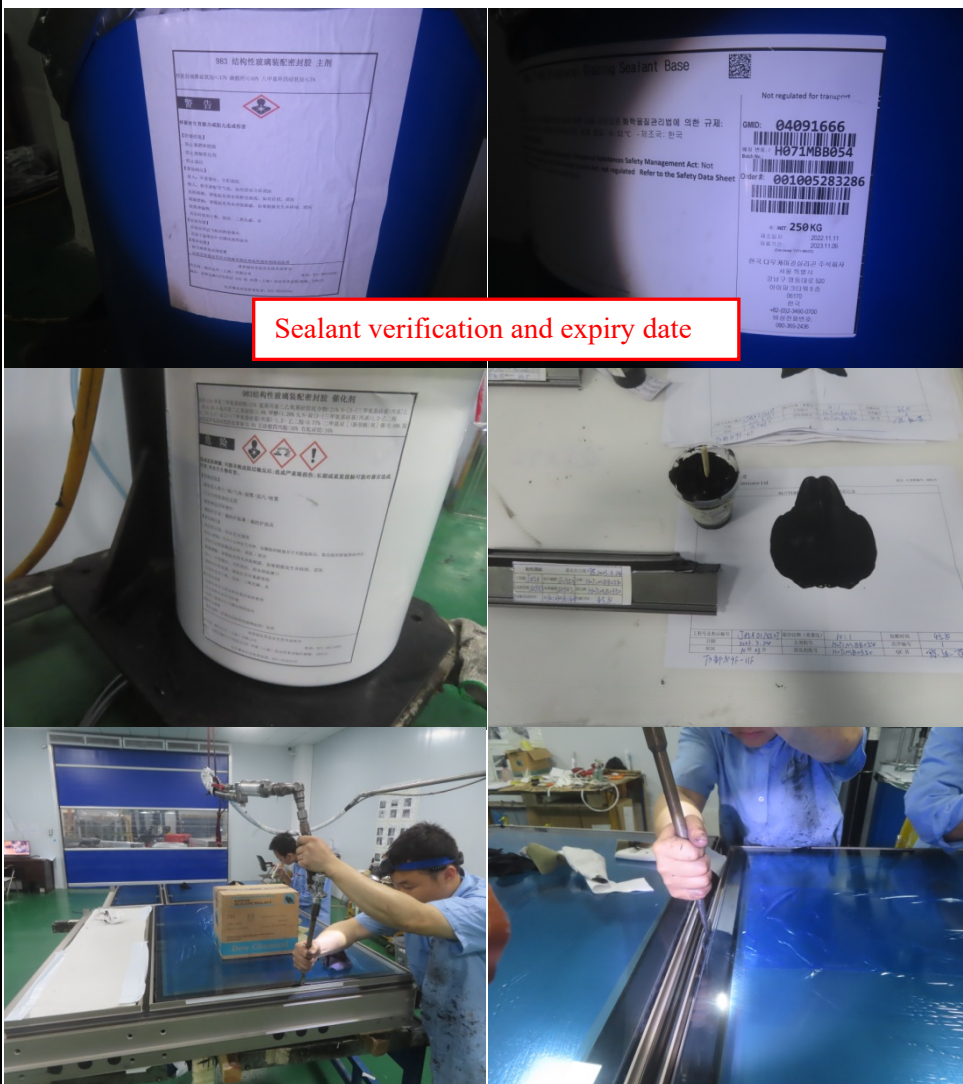


Photo 9

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



Photo 11

Location:
Observation

Description:
General inspection of
unitized panels for T2 9
to 17/F (4th & 5th log
Zone M05 & M06)

Action:
-





3 COMMENT, RECOMMENDATIONS AND REMINDER

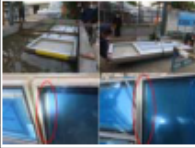











- Excessive sealant and stain was found on unitized panel surface after packing. MIDI is required to improve workmanship for further works.

4 SUMMARY TABLE OF FINDING AND REMEDIAL ACTION



Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Accom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
1	Raw materials of extrusion were found messy and heavy loading condition 	MIDI is required to ensure storage of materials without causing overstress, permanent deflection or warping.	Report-R-01 Photo 3 - 6		Report-R-03 Photo 1 - 4	Completed
2	Missing seal-up at end position of Mullion and Transom for sliding door was observed during factory inspection. 	Midi is required to strictly follow the principle design to seal-up end position of Transom and Mullion	Report-R-02 Photo 1- 4		Report-R-03 Photo 7 - 10	Completed
3	Blemish was observed to be existed at spandrel sealant. 	MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan, MIDI needs to improve workmanship for future works.	Report-R-02 Photo 23- 24		Report-R-03 Photo 29 - 30	Completed
4	Water leakage was found during flooding test for Panel number 15F-T1B-CW4_AS-01 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-03 Photo 25-26	Repair and test - OK		Routine Monitoring
5	Water leakage was found during flooding test for Panel number 9F-T1B-CW4_AS-03 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-04 Photo 19-20		Report-R-04 Photo 26	Routine Monitoring
6	Temporary storage area may not be sufficient for LP11 facade project 	MIDI is required to ensure storage area are enough and proper storage before peak production period	Report-R-05 Photo 9	Reminder only		Routine Monitoring
7	12 out of 82 defective chrome plated finishing was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works	Report-R-06 Photo 11	Refer to Site Memo for corrective action by Midi		Routine Monitoring
8	Improper holes drilling procedure was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-05 Photo 16	Refer to Site Memo for corrective action by Midi		Routine Monitoring
9	Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 16	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
10	Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-06 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B		Routine Monitoring
11	Defective gasket was found during factory inspection for Zone M02 	MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 03	Reminder only		Routine Monitoring
12	18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion 	MIDI is required to carry out remedial works before fixing of glass panels	Report-R-07 Photo 04	Refer to Site Memo for corrective action by Midi		Routine Monitoring

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
13	Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 12	Refer to factory inspection report-R-09 Photo 02 & Appendix B	Routine Monitoring
14	Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 13	Refer to factory inspection report-R-09 Photo 02 & Appendix B	Routine Monitoring
15	Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12		MIDI is required to carry out their internal QA/QC method to improve workmanship for future works	Report-R-07 Photo 14	Refer to factory inspection report-R-09 Photo 02 & Appendix B	Routine Monitoring
16	Gasket of unitized panels for Zone M02 were found not match with design drawing		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-08 Photo 06	Refer to factory inspection report-R-09 Photo 03	Routine Monitoring
17	Defective gaskets for 2nd log unitized panels were found during final inspection and packing		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-09 Photo 04	Reminder only	Routine Monitoring
18	Defective chrome plated finishing for gutter sleeve was found during factory inspection		MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-10 Photo 06		Routine Monitoring
19	Defective sealant for 2nd & 3rd log unitized panels were found during final inspection and packing		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-10 Photo 10		Routine Monitoring
20	Defective sealant and gasket for 2nd & 3rd log unitized panels were found during final inspection and packing		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-11 Photo 10	Final inspection on 3-Mar-2023, No adverse comment	Routine Monitoring
21	Defective chrome plated finishing for extrusion clip was found during factory inspection		MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-11 Photo 11		Routine Monitoring
22	Uneven of components was found during factory inspection		MIDI is required to improve workmanship for further works	Report-R-17 Photo 06		
23	Blemish and scratch was found at middle layer of IGU		MIDI is required to improve workmanship for further works	Report-R-17 Photo 10		
24	Gasket of 2 numbers of unitized panel were found not match with design drawing during factory inspection		MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works	Report-R-17 Photo 11		

Summary table of finding and remedial action

Item	Finding / Defects / Non-compliance	Aecom's Recommendation	Report Reference	Contractor's Reply / Remedial	Reference	Status
25	Defective chrome plated finishing for extrusion clip was found during factory inspection 	MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works	Report-R-17 Photo 11			Routine Monitoring
26	Excessive sealant and stain was found on unitized panel surface after packing 	MIDI is required to improve workmanship for further works	Report-R-18 Photo 10			

5 INSPECTION SCHEDULE

AECOM Factory Inspection Schedule			
No. of Visit	Date	Factory	Inspection Engineer
1	2022-11-18	Midi 中堂 Factory	CF. Cheng
2	2022-11-21	Midi 中堂 Factory	CF. Cheng
3	2022-11-25	Midi 中堂 Factory	CF. Cheng
4	2022-11-30	Midi 中堂 Factory	CF. Cheng
5	2022-12-12	Midi 中堂 Factory	CF. Cheng
6	2022-12-20	Midi 中堂 Factory	CF. Cheng
7	2023-01-04	Midi 中堂 Factory	CF. Cheng
8	2023-02-03	Midi 中堂 Factory	CF. Cheng
9	2023-02-10	Midi 中堂 Factory	CF. Cheng
10	2023-02-17	Midi 中堂 Factory	CF. Cheng
11	2023-02-17	Polyfair~泰克邦(鋁板廠)	CF. Cheng
		Polyfair~普立幕牆(鋁料廠)	
12	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
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
18	2023-03-17	Midi 中堂 Factory	CF. Cheng
19	2023-03-24	Midi 中堂 Factory	CF. Cheng

APPENDIX A

Details of fabrication progress



J-858康城11期 幕牆單元件生產狀態 (Zone-1)					組裝狀態			打膠狀態			包裝狀態			出貨狀態												
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	63	63	0	7	3	0	63	0	29	13	63	0	12	5	63	0	27	20	0		
						總數量	已組裝數量	尚欠數量	17/12	19/12		已打膠數量	尚欠數量	25/11	21/12	已包裝數量	尚欠數量	21/12	13/02	已出貨數量	尚欠數量	13/02	06/03			
AF-021	1838	3300	6.06	24.26		4	4	0	2			4	0	4		4	0	4		4	0	2				
AF-022	1838	3250	5.97	5.97		1	1	0		1		1	0	1		1	0	1		1	0	1				
AF-025	1425	3300	4.70	18.81		4	4	0				4	0	4		4	0			4	0	2				
AF-026	1425	3250	4.63	4.63		1	1	0				1	0	1		1	0	1		1	0	1				
AF-029	1631	3300	5.38	10.76		2	2	0				2	0			2	0			2	0		2			
AF-047	700	3300	2.31	4.62		2	2	0				2	0			2	0			2	0		2			
AF-055	700	3250	2.28	4.55		2	2	0				2	0	2		2	0			2	0	2				
AF-056	700	3250	2.28	2.28		1	1	0				1	0	1		1	0	1		1	0	1				
AF-064	765	3250	2.49	2.49		1	1	0		1		1	0		1	1	0	1		1	0	1				
AF-079	1838	3300	6.06	6.06		1	1	0		1		1	0		1	1	0	1		1	0	1				
AF-081	1425	3300	4.70	4.70		1	1	0				1	0	1		1	0			1	0	1				
AF-084	1631	3300	5.38	5.38		1	1	0				1	0			1	0			1	0		1			
AF-095	700	3300	2.31	2.31		1	1	0				1	0			1	0			1	0		1			
AF-150	983	2195	2.16	2.16		1	1	0				1	0	1		1	0	1		1	0	1				
AF-152	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0	1				
AF-153	1013	2195	2.22	2.22		1	1	0				1	0	1		1	0			1	0	1				
AF-160	1245	1270	1.58	1.58		1	1	0				1	0			1	0			1	0		1			
AF-161	700	1270	0.89	0.89		1	1	0				1	0			1	0			1	0		1			
AF-162	700	1270	0.89	0.89		1	1	0				1	0			1	0			1	0		1			
AF-163	1631	1270	2.07	2.07		1	1	0				1	0			1	0			1	0		1			
AF-164	681	1270	0.86	0.86		1	1	0				1	0			1	0			1	0		1			
AF-165	1363	1270	1.73	1.73		1	1	0				1	0			1	0			1	0		1			
AS-01	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1		5	0	3				
AS-03	700	3300	2.31	11.55		5	5	0				5	0	5		5	0	1		5	0	3				
AS-04	700	3300	2.31	6.93		3	3	0				3	0			3	0			3	0		3			
AS-07	700	3300	2.31	11.55		5	5	0				5	0	5		5	0			5	0	3				
AS-10	681	3300	2.25	6.74		3	3	0				3	0			3	0			3	0		3			
AS-12	765	3300	2.52	12.62		5	5	0	5			5	0	5		5	0	5		5	0	3				
AM-03	1363	3300	4.50	13.49		3	3	0				3	0			3	0			3	0		3			
AM-11	1245	3300	4.11	12.33		3	3	0				3	0	3		3	0			3	0		3			
物料狀態	完成量	百分比			生產狀態	完成量	百分比																			
	鋁料狀態	OK				加工工序	63	100%																		
	配件狀態	OK				組框工序	63	100%																		
	玻璃狀態	OK				注膠工序	63	100%																		
	鋁板狀態	OK				裝架工序	63	100%																		
	加工圖狀態	OK				出貨工序	63	100%																		

製表日期: 24-03-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-2)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態						打膠狀態				包裝狀態				出貨狀態			
						60	60	0	12	12	0	60	0	5	0	60	0	18	0	60	0	27	12
####	####	####	####	####	####	總數量	已組裝數量	尚欠數量	18/12	19/12	已打膠數量	尚欠數量	07/02	已包裝數量	尚欠數量	08/02	已出貨數量	尚欠數量	03/03	06/03	10/03	24/03	
AM-03	1363	3300	4.50	22.48		5	5	0			5	0		5	0	1	5	0		2	1	2	
AM-05	1363	3300	4.50	22.48		5	5	0			5	0		5	0	3	5	0	5				
AM-12	1300	3300	4.29	21.45		5	5	0			5	0		5	0	1	5	0		2		3	
AM-48	1363	3250	4.43	4.43		1	1	0			1	0		1	0		1	0	1				
AM-53	1363	3250	4.43	4.43		1	1	0			1	0		1	0		1	0			1		
AM-54	1300	3250	4.23	4.23		1	1	0			1	0		1	0		1	0		1			
AF-011	1857	3300	6.13	24.51		4	4	0		4	4	0		4	0	3	4	0	4				
AF-013	1857	3250	6.03	6.03		1	1	0	1		1	0	1	1	0		1	0	1				
AF-031	1747	3250	5.68	5.68		1	1	0		1	1	0	1	1	0		1	0			1		
AF-030	1747	3300	5.76	23.05		4	4	0		4	4	0	2	4	0	1	4	0		2	1	1	
AF-060	681	3250	2.21	2.21		1	1	0			1	0		1	0		1	0			1		
AF-062	681	3250	2.21	2.21		1	1	0			1	0		1	0		1	0	1				
AF-064	765	3250	2.49	2.49		1	1	0	1		1	0		1	0		1	0		1			
AF-065	765	3250	2.49	2.49		1	1	0	1		1	0		1	0		1	0	1				
AF-073	1857	3300	6.13	6.13		1	1	0		1	1	0		1	0		1	0	1				
AF-085	1747	3300	5.76	5.76		1	1	0		1	1	0	1	1	0		1	0				1	
AF-111	1012	582.5	0.59	0.59		1	1	0			1	0		1	0		1	0	1				
AF-113	1012	582.5	0.59	0.59		1	1	0			1	0		1	0		1	0	1				
AF-115	1012	582.5	0.59	0.59		1	1	0			1	0		1	0		1	0	1				
AF-122	1003	582.5	0.58	0.58		1	1	0			1	0		1	0		1	0			1		
AF-123	1003	582.5	0.58	0.58		1	1	0			1	0		1	0		1	0			1		
AF-124	1003	582.5	0.58	0.58		1	1	0			1	0		1	0		1	0			1		
AS-09	681	3300	2.25	11.24		5	5	0			5	0		5	0	3	5	0	5				
AS-10	681	3300	2.25	11.24		5	5	0			5	0		5	0	1	5	0		2	1	2	
AS-11	765	3300	2.52	12.62		5	5	0	5		5	0		5	0	4	5	0	5				
AS-13	765	3300	2.52	12.62		5	5	0	4	1	5	0		5	0	1	5	0		2	1	2	

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	60	100.0%
	配件狀態	OK		組框工序	60	100.0%
	玻璃狀態	OK		注膠工序	60	100.0%
	鋁板狀態	OK		裝架工序	60	100.0%
	加工圖狀態	OK		出貨工序	60	100.0%

製表日期: 24-03-2023

J-858康城11期 幕牆單元件生產狀態 (Zone-3&4)					組裝狀態					打膠狀態				包裝狀態				出貨狀態																
單元編號	寬度 mm	高度 mm	單件 面積	總面積	備註	353.49	組裝狀態					打膠狀態				包裝狀態				出貨狀態														
							總數量	已組裝 數量	尚欠 數量	03/02	09/02	10/02	2	12	6	0	已打膠 數量	尚欠 數量	15/02	16/02	已包裝 數量	尚欠 數量	02/03	10/03	已出貨 數量	尚欠 數量	08/03	10/03	24/03	32	17	48		
AF-001	1830	3300	6.04	24.16			4	4	0					4	0				4	0					4	0								
AF-002	1830	3250	5.95	5.95			1	1	0					1	0				1	0					1	0								
AF-005	1563	3300	5.16	20.63			4	4	0					4	0				4	0					4	0								
AF-006	1563	3250	5.08	5.08			1	1	0					1	0				1	0					1	0								
AF-009	1309	3300	4.32	8.64			2	2	0					2	0				2	0					2	0								
AF-010	1699	3300	5.61	11.21			2	2	0					2	0				2	0					2	0								
AF-011	1857	3300	6.13	24.51			4	4	0					4	0				4	0					4	0								
AF-012	1857	3250	6.03	6.03			1	1	0					1	0				1	0					1	0								
AF-051	665	3250	2.16	2.16			1	1	0					1	0				1	0					1	0								
AF-053	700	2345	1.64	3.28			2	2	0					2	0				2	0					2	0								
AF-060	644	3250	2.09	2.09			1	1	0					1	0				1	0					1	0								
AF-063	765	3250	2.49	2.49			1	1	0					1	0				1	0					1	0								
AF-068	1830	3300	6.04	6.04			1	1	0					1	0				1	0					1	0								
AF-069	1563	3300	5.16	5.16			1	1	0					1	0				1	0					1	0								
AF-071	1309	3300	4.32	4.32			1	1	0					1	0				1	0					1	0								
AF-072	1699	3300	5.61	5.61			1	1	0					1	0				1	0					1	0								
AF-073	1857	3300	6.13	6.13			1	1	0					1	0				1	0					1	0								
AF-100	1007	582.5	0.59	0.59			1	1	0					1	0				1	0					1	0								
AF-101	1007	582.5	0.59	0.59			1	1	0					1	0				1	0					1	0								
AF-102	1007	582.5	0.59	0.59			1	1	0					1	0				1	0					1	0								
AF-160	1245	1270	1.58	1.58			1	1	0					1	0				1	0					1	0								
AF-164	681	1270	0.86	1.73			2	2	0					2	0				2	0					2	0								
AF-165	1363	1270	1.73	1.73			1	1	0					1	0				1	0					1	0								
AF-167	1363	1270	1.73	1.73			1	1	0					1	0				1	0					1	0								
AF-168	1309	1270	1.66	1.66			1	1	0					1	0				1	0					1	0								
AF-169	1699	1270	2.16	2.16			1	1	0					1	0				1	0					1	0								
AM-01	1363	3300	4.50	35.97			8	8	0					8	0				8	0					8	0								
AM-03	1363	3300	4.50	13.49			3	3	0					3	0				3	0					3	0								
AM-10	1400	3300	4.62	23.10			5	5	0					5	0				5	0					5	0								
AM-11	1245	3300	4.11	12.33			3	3	0					3	0				3	0					3	0								
AM-14	1640	3300	5.41	27.06			5	5	0					5	0				5	0					5	0								
AM-49	1400	3250	4.55	4.55			1	1	0					1	0				1	0					1	0								
AM-50	1640	3250	5.33	5.33			1	1	0					1	0				1	0					1	0								
AM-52	1363	3250	4.43	4.43			1	1	0					1	0				1	0					1	0								
AS-01	700	3300	2.31	11.55			5	5	0					5	0				5	0					5	0								
AS-02	700	3300	2.31	11.55			5	5	0					5	0				5	0					5	0								
AS-09	681	3300	2.25	17.98			8	8	0					8	0				8	0					8	0								
AS-10	681	3300	2.25	6.74			3	3	0					3	0				3	0					3	0								
AS-11	765	3300	2.52	12.62			5	5	0					5	0				5	0					5	0								
AS-14	665	3300	2.19	10.97			5	5	0					5	0				5	0					5	0								

物料狀態	完成量		生產狀態	完成量		
	百分比	OK		百分比	OK	
	鋁料狀態	OK		加工工序	97	100.0%
	配件狀態	OK		組框工序	97	100.0%
	玻璃狀態	OK		注膠工序	97	100.0%
	鋁板狀態	OK		裝架工序	97	100.0%
加工圖狀態	OK	出貨工序	97	100.0%		

製表日期: 24-03-2023

J-858康城11期 幕牆單元件生產狀態 (T2 9-11F)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態						打膠狀態			包裝狀態			出貨狀態								
						148	142	6	25	22	25	0	141	7	15	0	137	11	21	0	0	148	0	0		
總數量	已組裝數量	尚欠數量	06/03	10/03	13/03	已打膠數量	尚欠數量	15/03	已包裝數量	尚欠數量	15/03	已出貨數量	尚欠數量	0	0	0										
AF-005	1563	3300	5.16	10.31		2	2	0				2	0				2	0				0	2			
AF-006	1563	3250	5.08	5.08		1	1	0				1	0				1	0				0	1			
AF-009	1309	3300	4.32	8.64		2	2	0				2	0				2	0				0	2			
AF-011	1857	3300	6.13	24.51		4	4	0				4	0				4	0				0	4			
AF-012	1857	3250	6.03	6.03		1	1	0				1	0				1	0				0	1			
AF-013	1857	3250	6.03	6.03		1	1	0				1	0				1	0				0	1			
AF-017	1857	3300	6.13	12.25		2	2	0				2	0				2	0				0	2			
AF-018	1857	3250	6.03	6.03		1	1	0				1	0				1	0				0	1			
AF-035	1855	3300	6.12	12.24		2	2	0				2	0				2	0				0	2			
AF-036	1855	3250	6.03	6.03		1	1	0				1	0				1	0				0	1			
AF-039	1724	3300	5.69	11.38		2	2	0				2	0				2	0				0	2			
AF-040	1326	3300	4.38	8.75		2	2	0				2	0				2	0				0	2			
AF-041	1326	3250	4.31	4.31		1	1	0				1	0				1	0				0	1			
AF-042	1569	3300	5.18	10.35		2	2	0				2	0				2	0				0	2			
AF-048	787.5	3300	2.60	5.20		2	2	0				2	0				2	0				0	2			
AF-049	750	3300	2.48	4.95		2	2	0				2	0				2	0				0	2			
AF-050	750	3300	2.48	4.95		2	2	0				2	0				2	0				0	2			
AF-052	615	3250	2.00	2.00		1	1	0				0	1				0	1				0	1			
AF-053	700	3250	2.28	4.55		2	2	0				2	0				2	0				0	2			
AF-060	681	3250	2.21	4.43		2	2	0				2	0				2	0				0	2			
AF-061	681	3250	2.21	2.21		1	1	0				1	0				1	0				0	1			
AF-062	681	3250	2.21	2.21		1	1	0				1	0				1	0				0	1			
AF-063	765	3250	2.49	2.49		1	1	0				1	0				1	0				0	1			
AF-064	765	3250	2.49	2.49		1	1	0				1	0				1	0				0	1			
AF-065	765	3250	2.49	2.49		1	1	0				1	0				1	0				0	1			
AF-100	1007	583	0.59	0.59		1	1	0				1	0				1	0				0	1			
AF-101	1007	583	0.59	0.59		1	1	0				1	0				1	0				0	1			
AF-102	1007	583	0.59	0.59		1	1	0				1	0				1	0				0	1			
AF-103	1023	583	0.60	0.60		1	1	0				1	0				1	0				0	1			
AF-104	1023	583	0.60	0.60		1	1	0				1	0				1	0				0	1			
AF-105	1023	583	0.60	0.60		1	1	0				1	0				1	0				0	1			
AF-106	1363	583	0.79	0.79		1	1	0				1	0				1	0				0	1			
AF-107	681	583	0.40	0.40		1	1	0				1	0				1	0				0	1			
AF-108	1309	583	0.76	0.76		1	1	0				1	0				1	0				0	1			
AF-111	1012	583	0.59	1.77		3	3	0				3	0				3	0				0	3			
AF-112	1012	583	0.59	0.59		1	1	0				1	0				1	0				0	1			
AF-113	1012	583	0.59	1.18		2	2	0				2	0				2	0				0	2			
AF-115	1012	583	0.59	1.18		2	2	0				2	0				2	0				0	2			
AF-116	1012	583	0.59	0.59		1	1	0				1	0				1	0				0	1			
AF-118	985	583	0.57	0.57		1	1	0				1	0				1	0				0	1			
AF-119	985	583	0.57	0.57		1	1	0				1	0				1	0				0	1			
AF-120	985	583	0.57	0.57		1	1	0				1	0				1	0				0	1			
AF-140	1245	583	0.73	0.73		1	1	0				1	0				1	0				0	1			
AF-150	983	2195	2.16	2.16		1	1	0				1	0				1	0				0	1			
AF-152	1013	2195	2.22	2.22		1	1	0				1	0				1	0				0	1			
AF-153	1013	2195	2.22	2.22		1	1	0				1	0				1	0				0	1			
AF-156	1012	2195	2.22	2.22		1	1	0				1	0				1	0				0	1			
AF-157	1012	2195	2.22	2.22		1	1	0				1	0				1	0				0	1			
AF-158	1012	2195	2.22	2.22		1	1	0				1	0				1	0				0	1			
AF-160	1245	1270	1.58	1.58		1	1	0				1	0				1	0				0	1			
AF-162	700	1270	0.89	2.67		3	3	0				3	0				3	0				0	3			
AF-164	681	1270	0.86	2.59		3	3	0				3	0				3	0				0	3			
AF-165	1363	1270	1.73	1.73		1	1	0				1	0				1	0				0	1			
AF-167	1363	1270	1.73	3.46		2	2	0				2	0				2	0				0	2			
AF-168	1309	1270	1.66	1.66		1	1	0				1	0				1	0				0	1			
AF-170	1724	1270	2.19	2.19		1	1	0				1	0				0	1				0	1			
AF-171	1569	1270	1.99	1.99		1	1	0				1	0				1	0				0	1			
AF-172	787.5	1270	1.00	1.00		1	1	0				1	0				1	0				0	1			
AF-173	750	1270	0.95	0.95		1	1	0				1	0				1	0				0	1			
AF-174	750	1270	0.95	0.95		1	1	0				1	0				1	0				0	1			
AM-01	1363	3300	4.50	26.98		6	5	1				6	0				6	0				0	6			
AM-03	1363	3300	4.50	26.98		6	6	0				5	1				4	2				0	6			
AM-05	1363	3300	4.50	8.99		2	2	0				2	0				2	0				0	2			
AM-06	1728	3300	5.70	11.40		2	2	0				2	0				2	0				0	2			
AM-10	1728	3300	5.70	11.40		2	2	0				2	0				2	0				0	2			
AM-11	1245	3300	4.11	8.22		2	2	0				2	0				2	0				0	2			
AM-16	1690	3300	5.58	11.15		2	2	0				2	0				2	0				0	2			
AM-18	1780	3300	5.87	11.75		2	1	1				2	0				2	0				0	2			
AM-41	1363	3250	4.43	4.43		1	1	0				0	1				0	1				0	1			
AM-48	1363	3250	4.43	4.43		1	1	0				1	0				0	1				0	1			
AM-49	1400	3250	4.55	4.55		1	0	1				1	0				1	0				0	1			
AM-51	1690	3250	5.49	5.49		1	1	0				1	0				1	0				0	1			
AM-52	1363	3250	4.43	4.43		1	1	0				1	0				1	0				0	1			
AM-53	1363	3250	4.43	4.43		1	0	1				1	0				1	0				0	1			
AM-55	1728	3250	5.61	5.61		1	1	0				1	0				1	0				0	1			
AM-56	1780	3250	5.79	5.79		1	1	0				1	0													

J-858康城11期 幕牆單元件生產狀態 (T2 12-17F)

單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	組裝狀態				打膠狀態				包裝狀態				出貨狀態						
						總數量	已組裝數量	尚欠數量	28/02	02/03	03/03	已打膠數量	尚欠數量	13/03	已包裝數量	尚欠數量	已出貨數量	尚欠數量						
				530.11		136	136	0	5	7	10	0	108	28	5	0	0	136	0	0	0	136	0	0
AF-005	1563	3300	5.16	10.31		2	2	0					2	0			0	2			0	2		
AF-008	1563	3300	5.16	5.16		1	1	0					1	0			0	1			0	1		
AF-009	1309	3300	4.32	12.96		3	3	0					2	1			0	3			0	3		
AF-011	1857	3300	6.13	24.51		4	4	0					3	1			0	4			0	4		
AF-015	2046	3300	6.75	6.75		1	1	0					1	0			0	1			0	1		
AF-016	2046	3300	6.75	6.75		1	1	0					0	1			0	1			0	1		
AF-017	1857	3300	6.13	12.25		2	2	0					2	0			0	2			0	2		
AF-020	2046	3300	6.75	6.75		1	1	0					0	1			0	1			0	1		
AF-035	1855	3300	6.12	12.24		2	2	0					2	0			0	2			0	2		
AF-038	1855	3300	6.12	6.12		1	1	0					1	0			0	1			0	1		
AF-039	1724	3300	5.69	5.69		1	1	0					1	0			0	1			0	1		
AF-040	1326	3300	4.38	13.13		3	3	0	1	2			3	0			0	3			0	3		
AF-042	1569	3300	5.18	5.18		1	1	0					0	1			0	1			0	1		
AF-048	787.5	3300	2.60	2.60		1	1	0					0	1			0	1			0	1		
AF-049	750	3300	2.48	2.48		1	1	0					1	0			0	1			0	1		
AF-050	750	3300	2.48	2.48		1	1	0					0	1			0	1			0	1		
AF-069	1563	3300	5.16	5.16		1	1	0					1	0			0	1			0	1		
AF-071	1309	3300	4.32	4.32		1	1	0					0	1			0	1			0	1		
AF-073	1857	3300	6.13	12.25		2	2	0					2	0			0	2			0	2		
AF-077	1857	3300	6.13	6.13		1	1	0					1	0			0	1			0	1		
AF-087	1855	3300	6.12	6.12		1	1	0					1	0	1		0	1			0	1		
AF-088	1724	3300	5.69	5.69		1	1	0					1	0			0	1			0	1		
AF-089	1326	3300	4.38	4.38		1	1	0	1				1	0			0	1			0	1		
AF-093	1569	3300	5.18	5.18		1	1	0					0	1			0	1			0	1		
AF-096	787.5	3300	2.60	2.60		1	1	0					0	1			0	1			0	1		
AF-097	750	3300	2.48	2.48		1	1	0					1	0			0	1			0	1		
AF-098	750	3300	2.48	2.48		1	1	0					0	1			0	1			0	1		
AM-01	1363	3300	4.50	40.47		9	9	0					3	6			0	9			0	9		
AM-02	1363	3300	4.50	4.50		1	1	0					1	0			0	1			0	1		
AM-03	1363	3300	4.50	40.47		9	9	0	1	2	4		8	1			0	9			0	9		
AM-04	1363	3300	4.50	4.50		1	1	0					1	0			0	1			0	1		
AM-05	1363	3300	4.50	17.99		4	4	0					4	0			0	4			0	4		
AM-06	1728	3300	5.70	17.10		3	3	0					2	1			0	3			0	3		
AM-07	1728	3300	5.70	5.70		1	1	0					0	1			0	1			0	1		
AM-10	1400	3300	4.62	18.48		4	4	0					4	0			0	4			0	4		
AM-11	1245	3300	4.11	16.43		4	4	0					4	0			0	4			0	4		
AM-16	1690	3300	5.58	16.73		3	3	0					3	0			0	3			0	3		
AM-17	1690	3300	5.58	5.58		1	1	0					1	0			0	1			0	1		
AM-18	1780	3300	5.87	17.62		3	3	0	1				3	0			0	3			0	3		
AM-19	1780	3300	5.87	5.87		1	1	0					1	0			0	1			0	1		
AS-01	700	3300	2.31	6.93		3	3	0					3	0			0	3			0	3		
AS-02	700	3300	2.31	11.55		5	5	0					4	1			0	5			0	5		
AS-05	700	3300	2.31	4.62		2	2	0					0	2			0	2			0	2		
AS-06	700	3300	2.31	4.62		2	2	0					2	0			0	2			0	2		
AS-09	681	3300	2.25	26.97		12	12	0			1		10	2			0	12			0	12		
AS-10	681	3300	2.25	20.23		9	9	0	1	3	3		9	0			0	9			0	9		
AS-11	765	3300	2.52	15.15		6	6	0					6	0	3		0	6			0	6		
AS-12	765	3300	2.52	7.57		3	3	0					2	1			0	3			0	3		
AS-15	615	3300	2.03	8.12		4	4	0					4	0			0	4			0	4		
AS-16	700	3300	2.31	2.31		1	1	0					1	0			0	1			0	1		
AS-17	700	3300	2.31	2.31		1	1	0					0	1			0	1			0	1		
AS-18	681	3300	2.25	2.25		1	1	0					1	0			0	1			0	1		
AS-19	954.5	3300	3.15	3.15		1	1	0					1	0			0	1			0	1		
AS-24	681	3300	2.25	2.25		1	1	0					0	1			0	1			0	1		
AS-25	681	3300	2.25	2.25		1	1	0			1		1	0			0	1			0	1		
AS-26	954.5	3300	3.15	3.15		1	1	0					1	0	1		0	1			0	1		
AS-27	954.5	3300	3.15	3.15		1	1	0					1	0			0	1			0	1		

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	136	100.0%
	配件狀態	OK		組框工序	136	100.0%
	玻璃狀態	OK		注膠工序	108	79.4%
	鋁板狀態	OK		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

製表日期: 24-03-2023

J-858康城11期 幕牆單元件生產狀態 (T3 9-11F)						組裝狀態						打膠狀態						包裝狀態						出貨狀態					
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	358.64	136	135	1	2	21	13	0	130	6	13	24	0	23	113	23	0	0	136	0	0			
						總數量	已組裝數量	尚欠數量	02/03	09/03	10/03	已打膠數量	尚欠數量	17/03	23/03	已包裝數量	尚欠數量	24/03	已出貨數量	尚欠數量									
AF-005	1563	3300	5.16	10.31			2	2	0					2	0				1	1	1		0	2					
AF-006	1563	3250	5.08	5.08			1	1	0					1	0				0	1			0	1					
AF-009	1309	3300	4.32	8.64			2	2	0					2	0				1	1	1		0	2					
AF-011	1857	3300	6.13	12.25			2	2	0					2	0				0	2			0	2					
AF-013	2046	3250	6.65	6.65			1	1	0					0	1				0	1			0	1					
AF-021	1838	3300	6.06	12.13			2	2	0					2	0				0	2			0	2					
AF-022	2027	3250	6.59	6.59			1	1	0					1	0				1	0	1		0	1					
AF-025	1425	3300	4.70	9.41			2	2	0					2	0				0	2			0	2					
AF-026	1425	3250	4.63	4.63			1	1	0					1	0				1	0	1		0	1					
AF-035	1855	3300	6.12	12.24			2	2	0					2	0				1	1	1		0	2					
AF-036	2138	3250	6.95	6.95			1	1	0					1	0				0	1			0	1					
AF-042	1569	3300	5.18	10.35			2	2	0					2	0				0	2			0	2					
AF-043	1590	3300	5.25	10.49			2	2	0					2	0				0	2			0	2					
AF-044	1590	3250	5.17	5.17			1	1	0					1	0				0	1			0	1					
AF-048	787.5	3300	2.60	5.20			2	2	0					2	0				0	2			0	2					
AF-052	615	3250	2.00	2.00			1	1	0					1	0				1	0	1		0	1					
AF-053	700	3250	2.28	4.55			2	2	0					2	0				0	2			0	2					
AF-055	700	3250	2.28	4.55			2	2	0					2	0				1	1	1		0	2					
AF-056	700	3250	2.28	2.28			1	1	0					1	0				0	1	1		0	1					
AF-057	700	3250	2.28	2.28			1	1	0					1	0				0	1			0	1					
AF-062	681	3250	2.21	2.21			1	1	0					1	0				0	1			0	1					
AF-063	954.5	3250	3.10	3.10			1	1	0					1	0				0	1			0	1					
AF-064	954.5	3250	3.10	3.10			1	1	0					1	0				1	0	1		0	1					
AF-065	954.5	3250	3.10	3.10			1	1	0					1	0				0	1			0	1					
AF-100	1007	582.5	0.59	0.59			1	1	0					0	1				0	1			0	1					
AF-101	1007	582.5	0.59	0.59			1	1	0					0	1				0	1			0	1					
AF-102	1007	582.5	0.59	0.59			1	1	0					0	1				0	1			0	1					
AF-103	1023	582.5	0.60	0.60			1	1	0					1	0				0	1			0	1					
AF-104	1023	582.5	0.60	0.60			1	1	0					1	0				0	1			0	1					
AF-105	1023	582.5	0.60	0.60			1	1	0					1	0				0	1			0	1					
AF-106	1363	582.5	0.79	1.59			2	2	0					2	0				0	2			0	2					
AF-107	681	582.5	0.40	0.79			2	2	0					2	0				0	2			0	2					
AF-108	1309	582.5	0.76	0.76			1	1	0					1	0				0	1			0	1					
AF-111	1012	582.5	0.59	1.77			3	3	0					3	0				0	3			0	3					
AF-112	1012	582.5	0.59	0.59			1	1	0					1	0				0	1			0	1					
AF-113	1012	582.5	0.59	1.18			2	2	0					2	0				0	2			0	2					
AF-115	1012	582.5	0.59	1.18			2	2	0					2	0				0	2			0	2					
AF-116	1012	582.5	0.59	0.59			1	1	0					1	0				0	1			0	1					
AF-118	985	582.5	0.57	0.57			1	1	0					1	0				0	1			0	1					
AF-119	985	582.5	0.57	0.57			1	1	0					1	0				0	1			0	1					
AF-120	985	582.5	0.57	0.57			1	1	0					1	0				0	1			0	1					
AF-126	983	582.5	0.57	0.57			1	1	0					0	1				1	0	1		0	1					
AF-127	1013	582.5	0.59	0.59			1	1	0					1	0				0	1			0	1					
AF-128	1013	582.5	0.59	0.59			1	1	0					1	0				0	1			0	1					
AF-130	700	582.5	0.41	0.41			1	1	0					1	0				0	1			0	1					
AF-131	787.5	582.5	0.46	0.46			1	1	0					1	0				0	1			0	1					
AF-137	1569	582.5	0.91	0.91			1	1	0					1	0				0	1			0	1					
AF-139	1690	905	1.53	1.53			1	1	0					1	0				1	0	1		0	1					
AF-140	1245	582.5	0.73	0.73			1	1	0					1	0				0	1			0	1					
AF-154	1012	2195	2.22	4.44			2	2	0					2	0				0	2			0	2					
AF-155	1012	2195	2.22	2.22			1	1	0					1	0				1	0	1		0	1					
AF-156	1012	2195	2.22	2.22			1	1	0					1	0				0	1			0	1					
AF-157	1012	2195	2.22	4.44			2	2	0					2	0				1	1	1		0	2					
AF-160	1245	1270	1.58	1.58			1	1	0					1	0				0	1			0	1					
AF-162	700	1270	0.89	2.67			3	3	0					3	0				0	3			0	3					
AF-164	681	1270	0.86	3.46			4	4	0					4	0				0	4			0	4					
AF-165	1363	1270	1.73	3.46			2	2	0					2	0				0	2			0	2					
AF-167	1363	1270	1.73	3.46			2	2	0					2	0				0	2			0	2					
AF-168	1309	1270	1.66	1.66			1	1	0					1	0				0	1			0	1					
AF-170	1724	1270	2.19	2.19			1	1	0					1	0				0	1			0	1					
AF-171	1569	1270	1.99	1.99			1	1	0					1	0				0	1			0	1					
AF-172	787.5	1270	1.00	1.00			1	1	0					1	0				0	1			0	1					
AF-173	750	1270	0.95	0.95			1	1	0					1	0				0	1			0	1					
AF-174	750	1270	0.95	0.95			1	1	0					1	0				0	1			0	1					
AF-175	1326	1270	1.68	1.68			1	1	0					1	0				0	1			0	1					
AM-01	1363	3300	4.50	17.99			4	4	0					4	0				2	2	2		0	4					
AM-05	1363	3300	4.50	8.99			2	2	0					2	0				0	2			0	2					
AM-08	1825	3300	6.02	12.05			2	2	0					2	0				0	2			0	2					
AM-10	1400	3300	4.62	9.24			2	2	0					2	0				1	1	1		0	2					
AM-11	1245	3300	4.11	8.22			2	2	0					2	0				0	2			0	2					
AM-16	1690	3300	5.58	5.58			1	1	0					1	0				1	0	1		0	1					
AM-48	1363	3250	4.43	4.43			1	1	0					1	0				0	1			0	1					
AM-49	1400	3250	4.55	4.55			1	1	0					1	0				0	1			0	1					
AM-51	1690	3250	5.49	5.49			1	1	0					1	0				1	0	1		0	1					
AM-57	1825	3250	5.93	5.93			1	0	1					0	1				0	1			0	1					
AS-01	700	3300	2.31	9.24			4	4	0					4	0				1	3	1		0	4					
AS-02	700	3300	2.31	4.62			2	2	0					2	0				1	1	1		0	2					
AS-03	700	3300</																											

J-858康城11期 幕墻單元件生產狀態 (T2 18-21F)					組裝狀態					打膠狀態					包裝狀態					出貨狀態								
單元編號	寬度 mm	高度 mm	單件面積	總面積	備註	160	0	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						總數量	已組裝數量	尚欠數量	已打膠數量	尚欠數量	已包裝數量	尚欠數量	已出貨數量	尚欠數量														
AF-005	1563	3300	5.16	10.31		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-008	1563	3300	5.16	5.16		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-009	1309	3300	4.32	12.96		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-011	1857	3300	6.13	24.51		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-015	2046	3300	6.75	6.75		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-016	2046	3300	6.75	6.75		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-017	1857	3300	6.13	12.25		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-020	2046	3300	6.75	6.75		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-035	1855	3300	6.12	12.24		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-038	1855	3300	6.12	6.12		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-039	1724	3300	5.69	17.07		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-040	1326	3300	4.38	13.13		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-042	1569	3300	5.18	15.53		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-048	787.5	3300	2.60	7.80		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-049	750	3300	2.48	7.43		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-050	750	3300	2.48	7.43		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-069	1563	3300	5.16	5.16		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-071	1309	3300	4.32	4.32		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-073	1857	3300	6.13	12.25		2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-077	1857	3300	6.13	6.13		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-087	1855	3300	6.12	6.12		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-088	1724	3300	5.69	5.69		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-089	1326	3300	4.38	4.38		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-093	1569	3300	5.18	5.18		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-096	787.5	3300	2.60	2.60		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-097	750	3300	2.48	2.48		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AF-098	750	3300	2.48	2.48		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-01	1363	3300	4.50	49.46		11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-02	1363	3300	4.50	4.50		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-03	1363	3300	4.50	49.46		11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-04	1363	3300	4.50	4.50		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-05	1363	3300	4.50	17.99		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-06	1728	3300	5.70	17.10		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-07	1728	3300	5.70	5.70		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-10	1400	3300	4.62	18.48		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-11	1245	3300	4.11	16.43		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-16	1690	3300	5.58	16.73		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-17	1690	3300	5.58	5.58		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-18	1780	3300	5.87	17.62		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AM-19	1780	3300	5.87	5.87		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-01	700	3300	2.31	6.93		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-02	700	3300	2.31	16.17		7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-05	700	3300	2.31	9.24		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-06	700	3300	2.31	9.24		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-09	681	3300	2.25	31.46		14	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-10	681	3300	2.25	24.72		11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-11	765	3300	2.52	15.15		6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-12	765	3300	2.52	7.57		3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-15	615	3300	2.03	8.12		4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-16	700	3300	2.31	2.31		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-17	700	3300	2.31	2.31		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-18	681	3300	2.25	2.25		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-19	954.5	3300	3.15	3.15		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-24	681	3300	2.25	2.25		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-25	681	3300	2.25	2.25		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-26	954.5	3300	3.15	3.15		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AS-27	954.5	3300	3.15	3.15		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

物料狀態	完成量	百分比	生產狀態	完成量	百分比	
	鋁料狀態	OK		加工工序	0	0.0%
	配件狀態	OK		組框工序	0	0.0%
	玻璃狀態	待到貨		注膠工序	0	0.0%
	鋁板狀態	待加工		裝架工序	0	0.0%
	加工圖狀態	OK		出貨工序	0	0.0%

製表日期: 17-03-2023

