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FEB TECH  
GLASS WORKS LLC



**FEB TECH GLASS WORKS L.L.C  
DUBAI.**

**Fit out | Glass works | Mirrors | Handrails**

**Tel: 04-266 2292 Email: [info@febtechuae.com](mailto:info@febtechuae.com).**

**FEB TECH GLASS WORKS L.L.C  
SHARJAH.**

**Tel: 06-563 8462 Email: [info@febtechuae.com](mailto:info@febtechuae.com).**



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**FEB TECH GLASS WORKS L.L.C**  
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## **1. COMPANY PROFILE**



## CORPORATE OVERVIEW

Feb Tech Glass works LLC started its glass processing and projects operations in 2012. During this time Feb Tech has built a wide portfolio of glass & aluminium processing and project delivery capabilities.

At Feb Tech we satisfy our client's requirements for all standard and non-standard glass, aluminium and steel fabrication needs.

It is in our capacity to meet the individual design requirements of our clients and architects in all task situations. We therefore employ highly qualified and motivated staff with extensive on hand experience. To ensure the quality of our products to each of our clients, with individual attention to their needs, is our target and our promise.

Top quality glass and aluminium profiles and accessories are used in processing and these are procured from leading international and local companies.

## OUR BELIEF

### ✓ **Vision**

Our vision is to be the leader in creating value in the field of Glass and Aluminum by providing products and services that are recognized by our customers as key factors in their success.

### ✓ **Mission**

Assurance is the foundation of every business. The sparkling achievements of Feb Tech are the result of our vision focused on uncompromising quality and excellence.

## GLASS & ALUMINIUM

Glass and Aluminium projects include **Aluminium Doors and Windows, Shop Fronts, Partition Glazing, Automatic Doors, Frameless Doors, Stained Glass and Fused Glass, ACP cladding works, Office Partitioning Systems, vanity counter mirror** as part of its project delivery portfolio.

Top quality glass sheets are used in processing, and these are procured from leading international and local companies.

Due to its varied glass processing capabilities Feb Tech is a leading supplier of various types of processed glass. It can process and supply high quality products at relatively short notice. Feb Tech supply customers include contracting companies who do not have glass processing facilities.

**The annual glass processing capabilities of Feb Tech is listed below:**

- ✓ Tempering.
- ✓ Edge works (polishing, bevelling etc.)
- ✓ Double glazing.
- ✓ Laminating.
- ✓ Back painted glass
- ✓ Sand blasting.
- ✓ Stained glass.
- ✓ Acid etching.
- ✓ Glass painting.
- ✓ Glass Balustrade
- ✓ Bending.
- ✓ Fire rated glasses
- ✓ Bullet proof glasses
- ✓ Marine Glasses
- ✓ Decorative glasses

**The annual aluminium processing capabilities of Feb Tech are listed below:**

- ✓ Aluminium doors and windows.
- ✓ Curtain wall glazing works.
- ✓ Aluminium composite panel works.
- ✓ Stainless steel sheet metal works.

The Machinery capabilities of Feb Tech are listed below:

## GLASS TEMPERING MACHINE



### GLASS TEMPERING MACHINES PER DAY PRODUCTION DETAILS

ITEM	SQ.M	STAFF	NOS
GLASS	1500SQ.M	TECHNICIAN	2
		LABORS	16

## DOUBLE GLAZING MACHINE



### DOUBLE GLAZING MACHINES PER DAY PRODUCTION DETAILS

ITEM	SQ.M	STAFF	NOS
GLASS	800 SQ.M	TECHNICIAN	2
		LABORS	12

## LAMINATION MACHINE



### LAMINATION MACHINES PER DAY PRODUCTION DETAILS

ITEM	SQ.M	STAFF	NOS
GLASS	500 SQ.M	TECHNICIAN	2
		LABORS	10

## BEVELING MACHINE



### BEVELING MACHINES (2 NUMBER) PER DAY PRODUCTION DETAILS

ITEM	L M	STAFF	NOS
MIRROR	800 LM	TECHNICIAN	2
		LABORS	10

## POLISH MACHINE



GLASS WORKS LLC

### POLISH MACHINES (4 NUMBER) PER DAY PRODUCTION DETAILS

ITEM	LM	STAFF	NOS
GLASS	600LM	TECHNICIAN	4
MIRROR	600LM	LABORS	10

## ROUND POLISH MACHINE



### ROUND POLISH MACHINES PER DAY PRODUCTION DETAILS

ITEM	LM	STAFF	NOS
GLASS	300LM	TECHNICIAN	2
MIRROR	300LM	LABORS	8

## HOLE MAKING MACHINE



### HOLE MAKING MACHINES PER DAY PRODUCTION DETAILS

ITEM	NOS	STAFF	NOS
GLASS	400NOS	TECHNICIAN	2
		LABORS	10

## CNC/MANUAL CUTTING MACHINES



### CNC/ MACHINES PER DAY PRODUCTION DETAILS (2 NUMBER)

ITEM	SQM	STAFF	NOS
GLASS & MIRROR	1100 SQ.M	TECHNICIAN	2
			15

## MANUAL CUTTING MACHINES



### MANUAL CUTTING MACHINES (2 NUMBER) PER DAY PRODUCTION DETAILS

ITEM	SQ.M	STAFF	NOS
GLASS	577 SQ.M	TECHNICIAN	2
MIRROR	600 SQ.M	LABORS	8

## DOUBLE EDGE POLISH MACHINE



### DOUBLE EDGE POLISH MACHINE

#### PER DAY PRODUCTION DETAILS

ITEM	LM	STAFF	NOS
MIRROR	500 LM	TECHNICIAN	1
GLASS	600 LM	LABORS	5

## SPACE AREA SUMMARY./ STORAGE AREA

NO	LOCATION	AREAS
1	Glass Cutting Area	70 sq.m
2	Polishing Area	40sq.m
3	Tempering Area	320sq.m
4	Laminate Area	120sq.m
5	Glass Cut Out Area	60sq.m
6	Storage Area	300sq.m



**FEB TECH GLASS WORKS L.L.C**  
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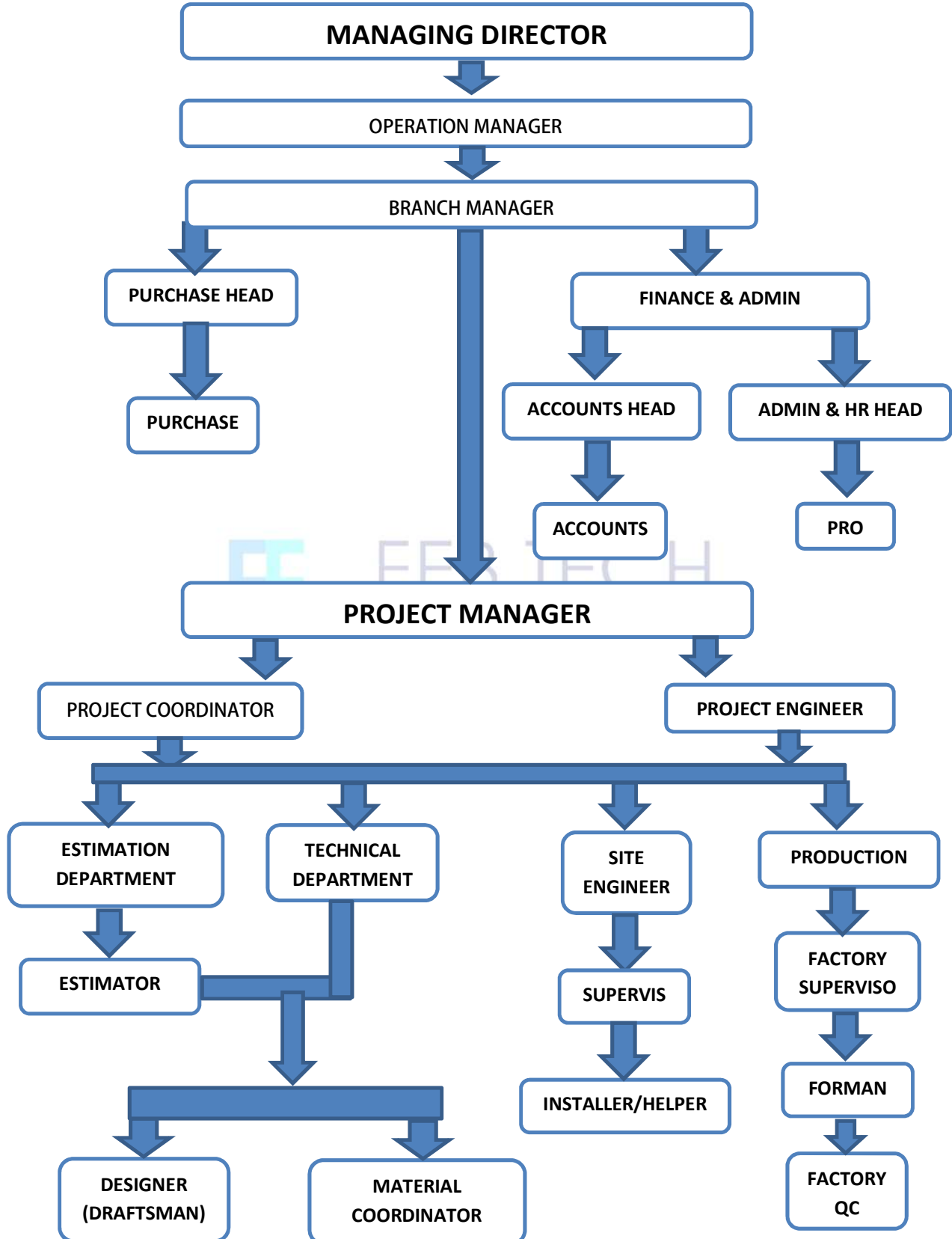
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---

## **2. ORGANIZATION CHART**



## ORGANIZATION CHART





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AL QUOZ INDUSTRIAL 4, DUBAI  
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info@febtechuae.com.

**FEB TECH GLASS WORKS L.L.C**  
AL SAJAA INDUSTRIAL, SHARJAH  
T: 06-563 8462  
info@febtechuae.com.

---

### **3. TRADE LICENSE**



## رخصة تجارية Commercial License

### تفاصيل الرخصة / License Details

License No.	737668	رقم الرخصة
Company Name	FEB TECH GLASS WORKS L.L.C	اسم الشركة
Business Name	FEB TECH GLASS WORKS L.L.C	الاسم التجاري
License Category	Dep. of Economic Development	فئة الرخصة
Legal Type	Limited Liability Company - Single Owner(LLC - SO)	الشكل القانوني
Expiry Date	29/06/2026	تاريخ الإصدار
D&B D-U-N-S® N	رقم العالمى	رقم الرخصة الام
Register No.	1759356	عضوية الغرفة
	تاريخ الإنتهاء	شركة ذات مسؤولية محدودة - الشخص الواحد (ذ.م.م)
	Issue Date	30/06/2015
	Main License No.	737668
	DCCI No.	254805

### الاطراف / License Members

Share / الحصص	Role / الصفة	Nationality / الجنسية	Name / الإسم	No./ رقم الشخص
100.00%	Shares Owner / مالك حصص	India / الهند	شعيب محمد فاليابارامبات فايابورات SHUAIB VAYYAPURATH MUHAMMED VAIYAPARAMBATH	484039
	Manager / مدير	India / الهند	شعيب محمد فاليابارامبات فايابورات SHUAIB VAYYAPURATH MUHAMMED VAIYAPARAMBATH	484039

Print Date 17/07/2025 11:12 تاريخ الطباعة

Receipt No.

رقم الإيصال



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو) / اتصالات) للحصول على اذن الدفع.

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This is a certified e-document issued without signature by the department of Economy and Tourism. Kindly scan the QR Code to verify the certificate



## رخصة تجارية Trading License



902618

### License Details

### تفاصيل الرخصة

Issue Date	02-05-2024	تاريخ الإصدار	License No.	902618	رقم الرخصة
Expiry Date	02-05-2026	تاريخ الإنتهاء	Registration No.	905652	رقم السجل
Trade Name	FEB TECH GLASS WORKS LLC - SHJ. BR				الاسم التجاري
Legal status	Individual Company L.L.C	شركة ذات مسؤولية محدودة - الشخص الواحد ( ذ م م )			الشكل القانوني
	Branch for Local Company	فرع شركة محلية			

### License Members

### أطراف الرخصة

الحصص	الصفة	رقم الهوية / الجواز	الجنسية	اسم المستثمر	رقم المستثمر
Shares	Type	ID \ Passport No	Nationality	Investor Name	Investor No
100.0 %	المالك Owner	784198017272950	الهند India	شعيب محمد فاليابارامبات فايابورات SHUAIB VAYYAPURATH MUHAMMED VAIYAPARAMBATH	4979901

المدير شعيب محمد فاليابارامبات فايابورات

أنشطة الرخصة أعمال تركيبات الالواح الزجاجية، أعمال تركيبات الألمنيوم، مقاولات فئة سادسة

العنوان الشارقة-الصجعة صناعية/الشارقة-- خلف شارع الإمارات شجرة رقم 1-2-مكتب ملك محمد مروان حسن عامر



Printing Date 19-09-2025 تاريخ الطباعة  
User Name 49972 رقم المستخدم

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- يلزم استخراج تصريح عند إجراء أي عروض ترويجية.



## شهادة سجل تجارية Trading Register Certificate



### License Details

تفاصيل الرخصة					
Issue Date	02-05-2024	تاريخ الإصدار	License No.	902618	رقم الرخصة
Expiry Date	02-05-2026	تاريخ الإنتهاء	Registration No.	905652	رقم السجل
			Capital		رأس المال
				فیب تیک لاعمال الزجاج ش ذ م م فرع الشارقة	الاسم التجاري
Trade Name	FEB TECH GLASS WORKS LLC - SHJ. BR				
Legal status	Individual Company L.L.C	شركة ذات مسؤولية محدودة - الشخص الواحد ( ذ م م )			الشكل القانوني
	Branch for Local Company	فرع شركة محلية			

المدير	شعيب محمد فاليابارامبات فايابورات
أنشطة الرخصة	أعمال تركيبات الالواح الزجاجية، أعمال تركيبات الألمنيوم، مقاولات فئة سادسة
العنوان	الشارقة-الصجعة صناعية/الشارقة-- خلف شارع الإمارات شيرة رقم 1-2-مكتب ملك محمد مروان حسن عامر



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## تصريح اللوحة الاعلانية الرئيسية Main Board Permit



Sign Board No.	395041	رقم اللوحة الاعلانية	
License No.	902618	رقم الرخصة	
	فيب تيك لاعمال الزجاج ش ذ م م فرع الشارقة	الاسم التجاري	
Trade Name	FEB TECH GLASS WORKS LLC - SHJ. BR		
Address for advertisement	الشارقة-الصجعة صناعية/الشارقة-- خلف شارع الإمارات شجرة رقم 1-2-مكتب ملك محمد مروان حسن عامر	عنوان وموقع الإعلان	
Advertising details	1 صورة	تفاصيل اللوحة	
Advertisement Content	فيب تيك لاعمال الزجاج ش ذ م م فرع الشارقة	مضمون اللوحة	
Size	23*2.6	مقاس اللوحة	
Machine Type		نوع الجهاز	
Trade Mark		العلامات التجارية	
Permit Duration	Issue Date	02-05-2024	تاريخ الرخصة
	Expiry Date	02-05-2026	تاريخ إنتهاء الرخصة
			مدة التصريح

### ملاحظات هامة:

- ان يكون الاعلان مطابقاً للاسم التجاري باللغة العربية و الانجليزية و مطابقاً للتصميم المعتمد من الدائرة
- تقع مسؤولية التركيب والصيانة الدورية على صاحب الترخيص
- يجب ازالة اللوحة الاعلانية عند نقل او الغاء الترخيص



Printing Date

19-09-2025

تاريخ الطباعة

User Name

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# شهادة تسجيل العضوية

## Membership Certificate

License no.	737668
Membership no.	254805
Registration no.	1759356
Business Name	FEB TECH GLASS WORKS L.L.C
Legal Status	Limited Liability Company - Sing
Activity	Plumbing & Sanitary Installation Floor & Wall Tiling Works Painting Contracting Carpentry & wood Flooring Works False Ceiling & Light Partitions Installation Plaster Works Glass & Aluminum Installation & Maintenance
Member Since	30/06/2015
Date of Issue	30/06/2015
Expiry Date	29/06/2026

رقم الرخصة	737668
رقم العضوية	254805
رقم السجل التجاري	1759356
الاسم التجاري	فیب ٹیک لأعمال الزجاج ش.ذ.م.م
الشكل القانوني	شركة ذات مسؤولية محدودة - الشخص
نوع النشاط	تركيب الأدوات والتمديدات الصحية أعمال تبييط الأرضيات والجدران اعمال الاصباغ والدهانات أعمال النجارة و تركيب الأرضيات الخشبية تركيب الأسقف المعلقة و القواطع الخفيفة اعمال البلاستر تركيب الزجاج وأشغال الألمنيوم في المباني وصيانتها
تاريخ الإنتساب	30/06/2015
تاريخ الإصدار	30/06/2015
تاريخ الإنتهاء	29/06/2026

### Remarks

This certificate shall be invalid incase of any alteration without chamber's authorization

For online verification of this Certificate, please visit our website  
<http://www.dubaichamber.ae/verify>

غرفة تجارة وصناعة دبي  
Dubai Chamber of Commerce & Industry

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فاكس (+971) 4 2211646 | [customercare@dubaichamber.ae](mailto:customercare@dubaichamber.ae) | [www.dubaichamber.ae](http://www.dubaichamber.ae)

### الملاحظات

تعتبر هذه الشهادة لاغية في حال أي كسح أو تعديل عليها دون اعتماد ذلك من الغرفة

للتأكد من صحة بيانات الشهادة يرجى الرجوع إلى موقع الغرفة  
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AL SAJAA INDUSTRIAL, SHARJAH  
T: 06-563 8462  
info@febtechuae.com.

---

## **4. ISO CERTIFICATION**



# CERTIFICATE

## OF REGISTRATION

This is to certify that the Management System of

## Feb Tech Glass Works LLC

P.O. Box: 235918, Warehouse No: 2, Al Quoz Industrial Area 4, Al Quoz,  
Dubai, United Arab Emirates.

has been assessed and registered by Veritas System Quality  
Certificates as conforming to the requirements of

## ISO 9001:2015

### Quality Management System

The Quality Management System is applicable to:

**Aluminium and Glass Works.**

IAF/EA-NACE Code: 18-33.20

**Certificate No : VSQC099-421242353**

Initial Certificate Date : 02-10-2024

Surveillance due date / Certificate expiry date: 01-10-2025

Re-certification due date: 01-10-2027

Note: Validity of this certificate is subject to successfully completion of each annual surveillance audit on or before due date,  
In case surveillance audit is not conducted then this certificate shall be suspended/cancelled.



Authorised Signatory

**Veritas System  
Quality Certificates Issuing LLC**

P.O. Box: 122982, Al Karama, Dubai,  
United Arab Emirates.



This certificate remains valid while the holder maintains the management system in accordance with the standard(s) above,  
which will be periodically audited by Veritas System Quality Certificates Issuing LLC.

This certificate remains the property of Veritas System Quality Certificates Issuing LLC and must be returned on request. In the issuance of this  
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code by using any device with correct information or email to [admin@veritasassurance.com](mailto:admin@veritasassurance.com).

Issue No.: 01





# CERTIFICATE

## OF REGISTRATION

This is to certify that the Management System of

## Feb Tech Glass Works LLC

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Dubai, United Arab Emirates.

has been assessed and registered by Veritas System Quality  
Certificates as conforming to the requirements of

## ISO 14001:2015

### Environmental Management System

The Environmental Management System is applicable to:

**Aluminium and Glass Works.**

IAF/EA-NACE Code: 18-33.20

**Certificate No : VSQC099-421242354**

Initial Certificate Date : 02-10-2024

Surveillance due date / Certificate expiry date: 01-10-2025

Re-certification due date: 01-10-2027

Note: Validity of this certificate is subject to successfully completion of each annual surveillance audit on or before due date,  
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code by using any device with correct information or email to [admin@veritasassurance.com](mailto:admin@veritasassurance.com).

Issue No.: 01





# CERTIFICATE

## OF REGISTRATION

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## Feb Tech Glass Works LLC

P.O. Box: 235918, Warehouse No: 2, Al Quoz Industrial Area 4, Al Quoz,  
Dubai, United Arab Emirates.

has been assessed and registered by Veritas System Quality  
Certificates as conforming to the requirements of

## ISO 45001:2018

### Occupational Health & Safety Management System

The Occupational Health & Safety Management System is applicable to:

**Aluminium and Glass Works.**

IAF/EA-NACE Code: 18-33.20

**Certificate No : VSQC099-421242355**

Initial Certificate Date : 02-10-2024

Surveillance due date / Certificate expiry date: 01-10-2025

Re-certification due date: 01-10-2027

Note: Validity of this certificate is subject to successfully completion of each annual surveillance audit on or before due date,  
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Issue No.: 01





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## **5. SCOPE OF WORK**



## MIRROR WORKS



To complement our bathroom & bedroom installation services we offer the supply & installation of 6mm foil backed, polished edged mirrors, safety mirror all made to measure for any bespoke space including angled corners for attic ceilings, shaver socket cut-outs, heated de-mister pads. FEBTECH specializes in supplying, installing, and designing mirror solutions to enhance your home, work, or commercial environment.

Our Mirrors are custom made to suit your needs. We supply and Install all size mirrors and can give expert advice on designing mirror solutions for bathrooms, living, and workspaces.

From shaving cabinet mirrors to large mirrored walls, the difference is that we listen to our customers and help them through the decision-making process and make recommendations on appropriate mirrors for specific applications.

Smart sensor mirror approach is inspired by the human fascination for mirrors and the role they can play in enabling self-awareness by envisioning a future.

We manufacturer smart bathroom mirror to support customization and OEM/ODM production for rich smart sensor lights function.

## SHOWER GLASS WORKS



The shower partition is a high-quality, modern glass installation designed to provide both aesthetic appeal and functional performance within the shower area. It is constructed from tempered, safety glass, ensuring durability, strength, and resistance to heat and impact.

## ANTI FOG MIRRORS.



Feb Tech make anti fog mirrors using with demister pad and deliver high performance anti-fog protection to bathroom mirrors and shower doors under extreme humidity conditions. The result is a crystal clear, fog free mirror.

Our Anti-fog mirrors with a hot water reservoir prevent moisture from condensing, prohibiting the formation of water droplets or fog on the surface.



## COLORED MIRROR



We pride ourselves on our ability to deliver quality.

The bright, reflective silver-coat is applied on one side, so remember to take extra care of it by minimizing grinding and using a mirror edge sealant to keep projects from deteriorating over time. Colored mirror give stained glass project visual interest.

## ANTIQUÉ MIRROR



Artistic and natural beauty is perfectly expressed in the reality of Antique Mirror. The Mirrors communicate different emotions, depending on the applications made by professional designers. Antique mirrored glass adds a vintage look and helps bring light and reflection to a space.

## DIGITAL PRINTED GLASS



The glass goes through the tempering process and inks are fused into the glass. The result is a high-quality product that will not fade or scratch off. Our manufacturing method for digital printing on glass: UV-curable printing, and digital ceramic printing. Digital UV printing technology uses organic inks and employs ultraviolet light to cure (dry) the ink on the glass surface. The technology enables unlimited color combinations.

## FLUTED/RIBBED GLASS



Fluted glass solves the problem of creating privacy while still maintaining light and airy interior spaces, it is ideal for internal rooms where the desire for space and privacy meet. The fluted glass delicately distorts the view through the glass pane while allowing light to stream through, perfect for bathrooms, offices or spaces where a slight element of privacy is desired.

## PATTERNED GLASS



The patterned glass is naturally well suited for use in the home, offices, retail spaces, hotels and restaurants. Its applications are infinite. Feb Tech extensive range of designs, colours and textures that are suitable for the decoration of residential or commercial premises.

## SMART PRIVACY GLASS



Our smart privacy glass are used in commercial and residential applications.

For residential and offices our smart glass films offer privacy and comfort zone for people protecting millions from the potentially dangerous ultraviolet rays as well as the external heat and noise.

Switchable Smart glass films also provide individuals and residents with the much-needed privacy and discretion.

## DOUBLE GLAZED UNIT



High-performance double glazing serving energy efficiency and light transmission.

Our double glazed windows are specifically designed to reduce heat loss from homes and buildings and gives many other benefits.

Enhance your well-being by choosing our high performance double glazing solutions!



**FEB TECH GLASS WORKS L.L.C**  
AL QUOZ INDUSTRIAL 4, DUBAI  
T: 04-266 2292  
info@febtechuae.com.

**FEB TECH GLASS WORKS L.L.C**  
AL SAJAA INDUSTRIAL, SHARJAH  
T: 06-563 8462  
info@febtechuae.com.

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## **6. DETAILS OF ONGOING & COMPLETED PROJECTS**

<b>PROJECT</b>	<b>: EMAAR SOUTH - GREENWAY –ON PLOT GC-21 - (492 NOS. TOWN HOUSES), DUBAI, UAE</b>
<b>CLIENT</b>	<b>: M/S. EMAAR DUBAI SOUTH DEVELOPMENT</b>
<b>CONSULTANT</b>	<b>: M/S. ARIF &amp; BINTOAK CONSULTING ARCHITECTS</b>
<b>CONTRACTOR</b>	<b>: M/S. GINCO GENERAL CONTRACTING LLC</b>
<b>CONTRACT VALUE</b>	<b>: AED: 15,000,000.00</b>
<b>SCOPE OF WORK</b>	<b>: SHOWER GLASS PARTITION AND MIRROR</b>
<b>BUILDING DETAILS</b>	<b>: RESIDENTIAL VILLAS AND TOWN HOUSE</b>



## **PROJECT: AZIZI RIVIERA PHASE 01, 02, 03 & 04.**

**BUILDING DETAILS : G+7F+ROOF BUILDING**

**CLIENT : AZIZI**

**CONSULTANT : 360 DEGREE**

**MAIN CONTRACTOR: GARDINIA & PROGRESS**

**CONTRACT VALUE : AED 11,500,000.00**

**SCOPE OF WORK : SHOWER GLASS PARTITION, LED MIRROR, BACK PAINTEED GLASS**



## PROJECT: PALM JEBEL ALI VILLAS

<b>CLIENT</b>	<b>: M/S. DUBAI HOLDING REAL ESTATE</b>
<b>CONSULTANT</b>	<b>: M/S. ARIF &amp; BINTOAK</b>
<b>CONTRACTOR</b>	<b>: M/S. GINCO GENERAL CONTRACTING LLC</b>
<b>CONTRACT VALUE</b>	<b>: AED 9,507,363.00</b>
<b>SCOPE OF WORK</b>	<b>: MIRROR &amp; SHOWER GLASS</b>
<b>BUILDING DETAILS</b>	<b>: BA3,BB1,BC2 &amp; SC6 TYPES VILLAS</b>



## **PROJECT: NAD AL SHEBA GARDENS**

**CLIENT : DUBAI HOLDING**  
**CONSULTANT : M/S. CONIN**  
**CONTRACTOR : M/S. GINCO GENERAL CONTRACTING**  
**CONTRACT VALUE: AED 8,100,000.00**  
**SCOPE OF WORK : GLASS HANDRAIL**  
**TOTAL VILLAS : 235 NOS**



## **PROJECT: EXPO VALLEY VILLAS & TOWN HOUSES**

<b>CLIENT</b>	<b>: M/S. EXPO CITY DUBAI</b>
<b>CONSULTANT</b>	<b>: M/S. KLING CONSULTANT</b>
<b>CONTRACTOR</b>	<b>: M/S. GINCO GENERAL CONTRACTING LLC</b>
<b>CONTRACT VALUE</b>	<b>: AED 7,134,543.00</b>
<b>SCOPE OF WORK</b>	<b>: MIRROR &amp; SHOWER GLASS</b>
<b>BUILDING DETAILS</b>	<b>: DUET VILLA AND STANDONE VILLA WITH TOWN HOUSE</b>



## **PROJECT: MASAAR VILLAS PHASE 06**

**CLIENT : M/S. MASAAR DEVELOPMENTS LLC**  
**CONSULTANT : M/S. DESIGN AND ARCHITECTURE BUREAU (DAR**  
**CONTRACTOR : M/S. INTERMASS ENGINEERING**  
**CONTRACT VALUE : AED 4,600,000.00**  
**SCOPE OF WORK : BALCONIES GLASS & HANDRAIL**  
**TOTAL VILLAS : 233 NOS**  
**TOTAL TWONHOUSE: 364 NOS**



**PROJECT : ARABIAN RANCHES -3 (1A, 1B, 1C, 1D) –  
DUBAI (1400 TOWN HOUSE)**

**CLIENT : EMAAR DEVELOPERS**

**CONSULTANT : MIRAGE DEVELOPMENT**

**MAIN CONTRACTOR : GINCO GENERAL CONTRACTING**

**CONTRACT VALUE : AED 4,500,000.00**

**SCOPE OF WORK : SHOWER GLASS PARTITION, MADICINE CABINET  
MIRROR, FRAMED MIRROR, WOODEN HANDRAIL, STAIRCASE**

**TOTAL TWONHOUSE : 1400 NOS**



**PROJECT NAME: SHARJAH SUSTAINABILITY CITY –  
PHASE (01, 02, 03 & 04) – SHARJAH.**

<b>CLIENT</b>	<b>: DIAMOND DEVELOPERS</b>
<b>CONSULTANT</b>	<b>: INTERNATIONAL ENGINEERING CONSULTANT</b>
<b>MAIN CONTRACTOR</b>	<b>: JEET CONSTRUCTION</b>
<b>CONTRACT VALUE</b>	<b>: AED 3,500,000.00</b>
<b>SCOPE OF WORK</b>	<b>: SHOWER GLASS PARTITION, MIRROR, BACK PAINTED GLASS, GLASS HANDRAIL</b>
<b>TOTAL VILLAS</b>	<b>: 800 NOS</b>



## **PROJECT: MOHAMMED BIN RASHID AL MAKTOUM CITY DISTRICT ONE**

**CLIENT** : M/S. MOHAMMED BIN RASHID AL MAKTOUM  
**CONSULTANT** : M/S. ARIF & BINTOAK  
**CONTRACTOR** : M/S. BINLADIN CONTRACTING GROUP  
**CONTRACT VALUE** : AED 3,165,220.00  
**SCOPE OF WORK** : BALUSTRADE & SHOWER GLASS PARTITION.

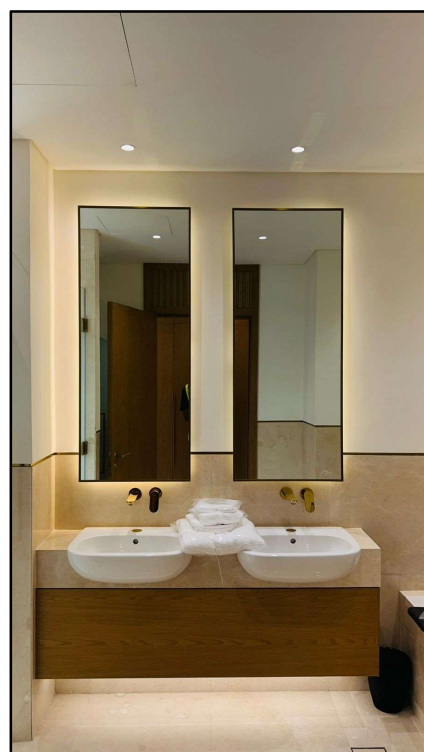
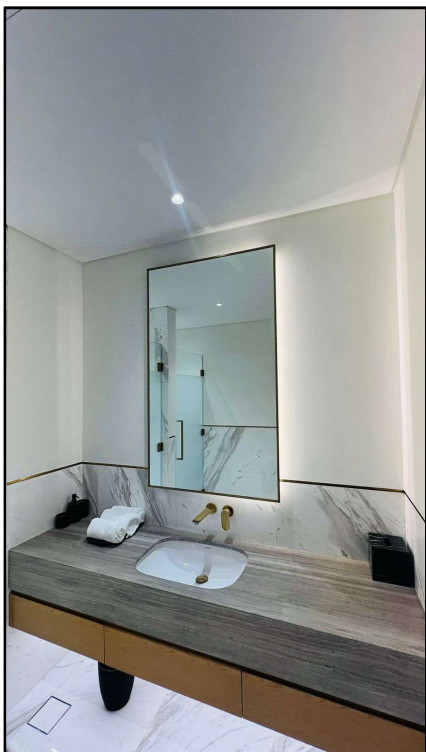
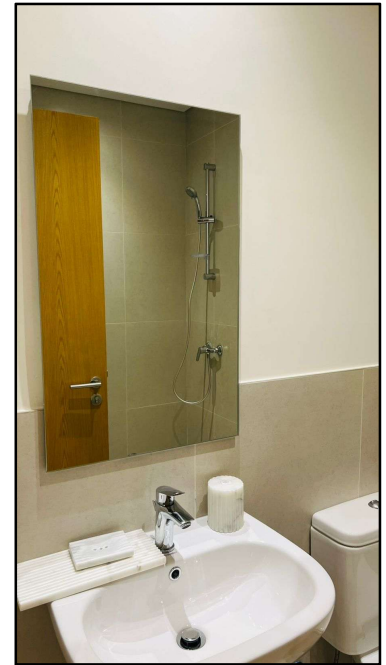
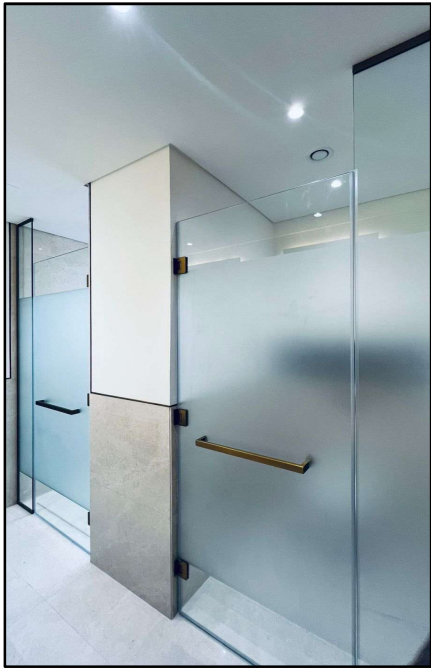


## **PROJECT: SOUTH BAY RESIDENCES AT RESIDENTIAL DISTRICT OF DUBAI SOUTH**

**CLIENT** : M/S. DUBAI SOUTH PROPERTIES DWC-LLC  
**CONSULTANT** : M/S. DEC DYNAMIC ENGINEERING CONSULTANTS  
**CONTRACTOR** : M/S. GINCO GENERAL CONTRACTING LLC  
**CONTRACT VALUE** : AED 3,100,000.00  
**SCOPE OF WORK** : MIRROR & SHOWER GLASS PARTITION.  
**TOTAL VILLAS** : 251 NOS



**PROJECT: SOUTH BAY RESIDENCES AT RESIDENTIAL  
DISTRICT OF DUBAI SOUTH**



## **PROJECT: NAD AL SHEBA GARDENS**

**CLIENT : DUBAI HOLDING**  
**CONSULTANT : M/S. CONIN**  
**CONTRACTOR : M/S. INTERMASS ENGINEERING**  
**CONTRACT VALUE: AED 2,600,000.00**  
**SCOPE OF WORK : BALCONY GLASS & STAIRCASE HAND RAIL**  
**TOTAL VILLAS : 168 NOS**



**PROJECT NAME: RADIANT SQUARE, ABU DHABI.**

**CLIENT** : MALAIH INVESTMENT & PROJECT DEVELOPMENT  
**CONSULTANT** : ACG Architectural Consulting Group  
**MAIN CONTRACTOR** : ATGC  
**TOTAL** : G+28 FLOOR+4 (4 TOWER)  
**CONTRACT VALUE** : AED 2,500,000.00  
**SCOPE OF WORK** : STAIRCASE GLASS, SHOWER GLASS & MIRROR.



**PROJECT : THE VALLEY DEVELOPMENTS FARM GARDENS  
VILLAS WELNESS CENTER & GUARD HOUSES**

**CLIENT : M/S. EMAAR PROPERTIES PJSC**  
**CONSULTANT : M/S. CONSTRUCTION & RECONSTRUCTION COMPANY**  
**MAIN CONTRACTOR: CRC ENGINEERING CONSTRUCTION AND RECONSTRUCTION**  
**CONTRACT VALUE : AED 2,321,660.00**  
**SCOPE OF WORK : MIRROR & SHOWER GLASS PARTITION.**  
**TOTAL VILLAS : 649 NOS**



**PROJECT: THE VALLEY DEVELOPMENT RIVANA  
(NH07) 486 TOWNHOUSES, CLUB HOUSE &  
GUARD HOUSE, DUBAI – UAE**

**CLIENT : EMAAR DEVELOPMENT**  
**CONSULTANT : M/S. MIRAGE LEISURE AND DEVELOPMENT**  
**CONTRACTOR : M/S. GCC CONTRACTING**  
**CONTRACT VALUE : AED 1,760,300.00**  
**SCOPE OF WORK : MIRROR & SHOWER GLASS PARTITION.**  
**TOTAL VILLAS : 486 NOS**



**PROJECT NAME: THE VALLEY EDEN – DUBAI  
(181 TOWN HOUSE)**

<b>CLIENT</b>	<b>: EMAAR DEVELOPMENT</b>
<b>CONSULTANT</b>	<b>: MIRAGE DEVELOPMENT</b>
<b>MAIN CONTRACTOR</b>	<b>: GINCO CONTRACTING</b>
<b>CONTRACT VALUE</b>	<b>: AED 1,500,000.00</b>
<b>SCOPE OF WORK</b>	<b>: SHOWER GLASS PARTITION, FRAMED MIRROR</b>
<b>TOTAL TWONHOUSE</b>	<b>: 181 NOS</b>



## **PROJECT: NAD AL SHEBA GARDENS**

**CLIENT : DUBAI HOLDING**  
**CONSULTANT : M/S. CONIN**  
**CONTRACTOR : M/S. GINCO GENERAL CONTRACTING**  
**CONTRACT VALUE : AED 1,406,268.00**  
**SCOPE OF WORK : SHOWER GLASS PARTITION AND MIRROR**  
**TOTAL VILLAS : 235 NOS**



## **PROJECT NAME: MALTA CLUSTER- DUBAI**

<b>CLIENT</b>	<b>: DAMAC LAGOON MASTER DEVELOPMENT</b>
<b>CONSULTANT</b>	<b>: ENGINEERING CONSORTIUM CONSULTING ENGINEERS</b>
<b>MAIN CONTRACTOR</b>	<b>: GINCO CONTRACTING</b>
<b>TOTAL</b>	<b>: 380 VILLAS &amp; 184 TOWN HOUSE</b>
<b>CONTRACT VALUE</b>	<b>: AED 1,400,000.00</b>
<b>SCOPE OF WORK</b>	<b>: SHOWER GLASS PARTITION, FRAMED MIRROR</b>



## **PROJECT: MASAAR VILLAS PHASE 06**

<b>CLIENT</b>	<b>: M/S. MASAAR DEVELOPMENTS LLC</b>
<b>CONSULTANT</b>	<b>: M/S. DESIGN AND ARCHITECTURE BUREAU (DAR</b>
<b>CONTRACTOR</b>	<b>: M/S. INTERMASS ENGINEERING</b>
<b>CONTRACT VALUE</b>	<b>: AED 1,350,000.00</b>
<b>SCOPE OF WORK</b>	<b>: MIRROR WORK</b>
<b>TOTAL VILLAS</b>	<b>: 233 NOS</b>
<b>TOTAL TWONHOUSE</b>	<b>: 364 NOS</b>



**PROJECT: J388 BRIDGE DISTRICT PROJECT (B004) ARLO**

<b>CLIENT</b>	<b>: M/S. DUBAI CREEK HARBOUR LLC</b>
<b>CONSULTANT</b>	<b>: M/S. SSHIC INTERNATIONAL ENGINEERING</b>
<b>CONTRACTOR</b>	<b>: M/S. ENGINEERING CONTRACTING CO. LLC</b>
<b>CONTRACT VALUE</b>	<b>: AED 1,350,000.00</b>
<b>SCOPE OF WORK</b>	<b>: SHOWER GLASS PARTITION</b>
<b>BUILDING DETAILS</b>	<b>: PROPOSED (B+G+2P+48+ROOF) RESIDENTIAL BUILDING ON PLOT 4156361</b>



**PROJECT : ARABIAN RANCHES III – (RAYA, ANYA & MAY) DUBAI, UAE**

**CLIENT : EMAAR**

**CONSULTANT : M/S. MIRAGE**

**CONTRACTOR : M/S. GINCO GENERAL CONTRACTING**

**CONTRACT VALUE : AED 1,255,433.00**

**SCOPE OF WORK : MIRROR & SHOWER GLASS PARTITION.**

**TOTAL VILLAS : 646 NOS**



## **PROJECT NAME: CANAL FRONT RESIDENCES**

**CLIENT** : MEYDAN - DUBAI  
**CONSULTANT** : AE7  
**MAIN CONTRACTOR** : AL ASHRAM CONTRACTING  
**TOTAL** : G+4F+R (4 BUILDING)  
**CONTRACT VALUE** : AED 1,200,000.00  
**SCOPE OF WORK** : FRAMED MIRROR.



**PROJECT: THE PENINSULA AT BUSINESS BAY, PLOT C**

**CLIENT : SELECT GROUP**  
**CONSULTANT : M/S. DUBAI CONSULTANTS**  
**CONTRACTOR : M/S. AL BASTI & MUKTHA LLC**  
**CONTRACT VALUE : AED 1,199,812.00**  
**SCOPE OF WORK : MIRROR.**  
**BUILDING DETAILS : 2B+G+3P+48F+ROOF BUILDING**



**PROJECT : DPG-0064 VILLANOVA (PA15) LA VIOLETA  
PHASE 1 & 2**

**CLIENT : M/S. DUBAI HOLDING REAL ESTATE LLC**

**CONSULTANT : M/S. DEC DYNAMIC ENGINEERING CONSULTANTS**

**CONTRACTOR : M/S. CONSTRUCTION & RECONSTRUCTION COMPANY**

**CONTRACT VALUE : AED 1,125,172.00**

**SCOPE OF WORK : MIRROR & SHOWER GLASS PARTITION.**



<b>PROJECT</b>	<b>: PARKSIDE VIEWS RESIDENTIAL APARTMENTS Plot No. 6310191 (18.0005) DUBAI HILLS ESTATE, DUBAI, U.A.E</b>
<b>CLIENT</b>	<b>: M/S. DUBAI HILLS ESTSTE LLC</b>
<b>CONSUITANT</b>	<b>: M/S. MIMAR ARCHITECTURE + ENGINEERING</b>
<b>CONTRACTOR</b>	<b>: M/S. AROMA INTERNATIONAL BUILDING CONTRACTING</b>
<b>CONTRACT VALUE</b>	<b>: AED 1,080,879.00</b>
<b>SCOPE OF WORK</b>	<b>: SHOWER GLASS</b>
<b>BUILDING DETAILS</b>	<b>: RESIDENTIAL APARTMENTS</b>



## **PROJECT NAME: MADHAR PAHASE -2 SHARJAH**

<b>CLIENT</b>	<b>: ARADA</b>
<b>CONSULTANT</b>	<b>: MIMAR</b>
<b>MAIN CONTRACTOR</b>	<b>: RAQ CONTRACTING</b>
<b>CONTRACT VALUE</b>	<b>: AED 800,000.00</b>
<b>SCOPE OF WORK</b>	<b>: LED MIRROR AND BACK PAINTED GLASS</b>
<b>COMPLETION DATE</b>	<b>: 15-05-2024</b>



## **PROJECT NAME: FALCON ISLAND**

**CLIENT** : M/s. AL HAMRRA

**CONSULTANT** : M/s. INTERNATIONAL ENGINEERING CENTER

**MAIN CONTRACTOR** : M/s. CONSTRUCTION & RECONSTRUCTION COMPANY

**CONTRACT VALUE** : AED 760,000.00

**SCOPE OF WORK** : MIRROR WORK



## **PROJECT: ELLINGTON HOUSE 1 & 2**

<b>CLIENT</b>	<b>: M/S. ELLINGTON PROPERTIES</b>
<b>CONSULTANT</b>	<b>: M/S. MODEL ENGINEERING CONSULTANTS</b>
<b>CONTRACTOR</b>	<b>: AL ASHRAM CONTRACTING LLC</b>
<b>CONTRACT VALUE</b>	<b>: AED 723,009.00</b>
<b>SCOPE OF WORK</b>	<b>: MIRROR &amp; GLASS HANDRAIL, SHOWER</b>
<b>BUILDING DETAILS</b>	<b>: PROPOSED G+P+12 RESIDENTIAL BUILDING</b>



**PROJECT NAME: BURJ CROWN– DOWNTOWN DUBAI**

**CLIENT : EMAAR**

**CONSULTANT : DUBAI CONSULTANT**

**MAIN CONTRACTOR: AL BASTI AND MUKTHA**

**TOTAL FLOOR : 44-STOREY RESIDENTIAL BUILDING**

**CONTRACT VALUE : AED 600,000.00**

**SCOPE OF WORK : OFFICE GLASS PARTITION**



**PROJECT: G+3P+16 STOREY RESIDENTIAL BUILDING**

**CLIENT : M/S. ELLINGTON PROPERTIES DEVELOPMENT**

**CONSULTANT : M/S. FEDERAL ENGINEERING CONSULTANTS**

**CONTRACTOR : M/S. GULF ASIA CONTRACTING LLC**

**CONTRACT VALUE : AED 497,542.50**

**SCOPE OF WORK : SHOWER GLASS PARTITION**

**BUILDING DETAILS: G+3P+16 STOREY RESIDENTIAL BUILDING**



**PROJECT: (J 269) SEA POINT – Plot Z01-B01 EMAAR  
BEACH FRONT**

<b>CLIENT</b>	<b>: M/S. EMAAR PROPERTIES PJSC</b>
<b>CONSULTANT</b>	<b>: M/S. MIRAGE LEISURE DEVELOPMENT CONSULTANTS</b>
<b>CONTRACTOR</b>	<b>: M/S. AL SAHEL CONTRACTING CO LLC</b>
<b>CONTRACT VALUE</b>	<b>: AED 317,278.00</b>
<b>SCOPE OF WORK</b>	<b>: MIRROR &amp; SHOWER GLASS</b>
<b>BUILDING DETAILS</b>	<b>: (J 269) SEA POINT</b>



## **PROJECT NAME: – CONRAD**

**CLIENT** : **AZIZI**  
**CONSULTANT** : **ASHOK BARIK**  
**MAIN CONTRACTOR** : **CONRAD**  
**TOTAL FLOOR** : **51-storey luxury hotel.**  
**CONTRACT VALUE** : **AED 189,762**  
**SCOPE OF WORK** : **OFFICE GLASS PARTITION**



<b>PROJECT</b>	<b>: GHARBI 1 G+3P+12+R RESIDENTIAL BUILDING, PLOT NO.6734097 LIWAN, ARJAN, DUBAI, UAE</b>
<b>CLIENT</b>	<b>: M/S. SAEED OMEIR YOUSEF AHMED ALMHEIRI</b>
<b>CONSULTANT</b>	<b>: M/S. MODEL ARCHITECTS/ENGINEERS/PROJECT MANAGERS</b>
<b>CONTRACTOR</b>	<b>: M/S. SINYAR AL KHALEEJ CONTRACTING LLC</b>
<b>CONTRACT VALUE</b>	<b>: AED 162,552.00</b>
<b>SCOPE OF WORK</b>	<b>: MIRROR WORK</b>
<b>BUILDING DETAILS</b>	<b>: 1 G+3P+12+R RESIDENTIAL BUILDING</b>



<b>PROJECT</b>	<b>: GHARBI 1 G+3P+12+R RESIDENTIAL BUILDING, PLOT NO.6734097 LIWAN, ARJAN, DUBAI, UAE</b>
<b>CLIENT</b>	<b>: M/S. SAEED OMEIR YOUSEF AHMED ALMHEIRI</b>
<b>CONSULTANT</b>	<b>: M/S. MODEL ARCHITECTS/ENGINEERS/PROJECT MANAGERS</b>
<b>CONTRACTOR</b>	<b>: M/S. SINYAR AL KHALEEJ CONTRACTING LLC</b>
<b>CONTRACT VALUE</b>	<b>: AED 109,284.00</b>
<b>SCOPE OF WORK</b>	<b>: SHOWER GLASS</b>
<b>BUILDING DETAILS</b>	<b>: 1 G+3P+12+R RESIDENTIAL BUILDING,</b>



**PROJEC : PAVILION HOTEL – AROMA CONTRACTING**

**LOCATION : JADDAF WATERFRONT, DUBAI**

**PROJECT DESCRIPTION: ALUMINIUM & GLASS WORKS**



**PROJECT : FALGRIS RESIDENTIAL BUILDING – AROMA  
CONTRACTING**

**LOCATION : JVC, DUBAI**

**PROJECT DESCRIPTION: BALCONY HANDRAILING**



**PROJECT : SAGAR PLAZA COMMERCIAL BUILDING - AROMA  
CONTRACTING**

**LOCATION : AL BARSHA, DUBAI**

**PROJECT DESCRIPTION : BALCONY HAND RAILING AND SHOWER  
ENCLOSURE WORKS**



**PROJECT : BLOOM TOWER A, B – AL AROBA  
CONTRACTING**

**LOCATION : JVC, DUBAI**

**SCOPE : SHOWER GLASS AND MIRROR WORKSCOPE OF WORK**



**PROJECT : BLOOM HEIGHTS – AL AROBA  
CONTRACTING**

**LOCATION : JVC, DUBAI**

**PROJECT DESCRIPTION: SHOWER GLASS AND MIRROR WORKS**



**PROJECT : BINGHATTI (MILLENNIUM BINGHATTI  
RESIDENCES) & GATEWAY TOWER**

**LOCATION : BUSINESS BAY & AL JADDAF, DUBAI**

**PROJECT DESCRIPTION: SHOWER GLASS AND MIRROR WORKS**



**PROJECT : AZIZI DEVELOPMENT – SAMIA & FARISTA**

**LOCATION : FURJAN**

**PROJECT DESCRIPTION: SHOWER GLASS AND MIRROR WORKS**



## **PROJECT : AZIZI DEVELOPMENT – ALIYAH**

**LOCATION : DUBAI HEALTHCARE CITY**

**PROJECT DESCRIPTION : GLASS BALUSTRADE ,SHOWER GLASS AND  
MIRROR WORKS**



## **PROJECT : AZIZI DEVELOPMENT – MINA**

**LOCATION : PALM JUMEIRAH - ONGOING**

**PROJECT DESCRIPTION: SHOWER GLASS AND MIRROR WORKS**



## **PROJECT : DIVISION 9 – MYSK HOTEL**

**LOCATION : PALM JUMEIRAH**

**PROJECT DESCRIPTION: GLASS WORKS**



## **PROJECT : CITY TOWER SHARJAH**

**LOCATION : SHARJAH**

**PROJECT DESCRIPTION: SHOWER GLASS AND MIRROR WORKS**



**PROJECT: SARAB 2 FACILITY BUILDING AT AL JADA  
BLOCK G**

**CLIENT : ARADA DEVELOPMENTS**

**LOCATION: SHARJAH**

**PROJECT DESCRIPTION: BALUSTRADE, SHOWER GLASS AND MIRROR WORKS**



## **PROJECT: SARAB 2 COMMUNITY - AL JADA DEVELOPMENT**

**CLIENT : ARADA DEVELOPMENTS**

**LOCATION: SHARJAH**

**PROJECT DESCRIPTION: BACKPAINTED GLASS, SHOWER GLASS AND MIRROR**



## **PROJECT: CONSTRUCTION NEST STUDENT ACCOMADATION 12 BUILDINGS**

**CLIENT : ARADA DEVELOPMENTS**

**LOCATION: AL JADA, SHARJAH**

**SCOPE OF WORK: BACKPAINTED GLASS, SHOWER GLASS AND MIRROR WORKS**



## **PROJECT: DISTRICT ONE WEST DUBAI**

**CLIENT : M/S. NAKHEEL**

**CONSULTANT : M/S. WHITE SPACE CONSULTANTS**

**CONTRACTOR : M/S. GINCO GENERAL CONTRACTING**

**SCOPE OF WORK : MIRROR, SHOWER, BALCONIES GLASS & HANDRAIL**



**PROJECT : PROPOSED G+2P+7+GYM RESIDENTIAL BUILDING  
ON PLOT NO. 334-7259 AL SATWA1**

**CLIENT : M/s SALEM ALI SULTAN AL SUBOUSI & MR. BUTI  
SALEM ALI SULTAN AL SUBOUSI**

**CONSULTANT : M/S. RENDERS ENGINEERING CONSULTANTS**

**CONTRACTOR : M/S. TECHNICAL ARCHITECT CONTRACTING**

**SCOPE OF WORK : MIRROR WORK**





**FEB TECH GLASS WORKS L.L.C**

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**FEB TECH GLASS WORKS L.L.C**

PO Box.235918, SHARJAH

T: 06-563 8462

info@febtechuae.com.

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## **LIST OF ONGOING PROJECTS**



**FEB TECH GLASS WORKS L.L.C**  
AL QUOZ INDUSTRIAL 4, DUBAI  
T: 04-266 2292  
info@febtechuae.com.

**FEB TECH GLASS WORKS L.L.C**  
AL SAJAA INDUSTRIAL, SHARJAH  
T: 06-563 8462  
info@febtechuae.com.

---

## **7. MAJOR CLIENTS & CONTRACTORS**





FEB TECH GLASS WORKS L.L.C  
AL QUOZ INDUSTRIAL 4, DUBAI  
T: 04-266 2292  
info@febtechuae.com.

FEB TECH GLASS WORKS L.L.C  
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### MAJOR CLIENTS & CONTRACTORS





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LACASA



GLASS WORKS LLC





**FEB TECH GLASS WORKS L.L.C**  
AL QUOZ INDUSTRIAL 4, DUBAI  
T: 04-266 2292  
info@febtechuae.com.

**FEB TECH GLASS WORKS L.L.C**  
AL SAJAA INDUSTRIAL, SHARJAH  
T: 06-563 8462  
info@febtechuae.com.

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## **8. PREVIOUS APPROVAL PREQUALIFICATION & PROJECTS**



## QUALITY PRE-QUALIFICATION SUBMITTAL

<b>Project Name</b>	<b>Originator</b>	<b>PQ Number</b>
DXBOC   Dubai Oasis Community (DXBOC)	GIC   GCC Contracting (Branch of Ginco Sharjah L.L.C.)	DXBOC-BW-GIC-ZZ-ZZ-ZZ-PQ-AR-00018
<b>Project Stage</b>	<b>Work Package</b>	<b>Revision</b>
Construction	BW   Building Works (BW)	C03
<b>Area</b>	<b>Building ID /Type/Component ID</b>	<b>Level/ Location</b>
ZZ   All Areas (ZZ)	ZZ   All (ZZ)	ZZ   ZZ - Multiple Levels
<b>Discipline</b>	<b>Sub-Discipline</b>	<b>PQ Issue Date</b>
BW ARCH	Architectural (AR)	09-Jun-2025

### PRE-QUALIFICATION DETAILS

**Name of Sub-Contractor**

M/s. Febtech Glass Works LLC

**Job Description**

Pre-Qualification for Mirrors & Shower Glass Partition Works

**Address**

Dubai

**Commercial Register/Financial Status/Current Project**

[DXBOC-BW-GIC-ZZ-ZZ-ZZ-PQ-AR-00018.pdf](#)

**Included In Vendor List**

No

**Select Attachment Type and add files**

Company Profile, Trade License, ISO Certifications, List of current and completed projects for UAE/Region with photos, Copies of previous project Approvals, Appreciation from Entities, Compliance statement

**Others (Specify)**

*Note: Checking and approval by PMC/Consultant shall not relieve the contractor of his obligation to perform the works in accordance with the contract documents, requirements of safety and local authorities regulations.*

ALD-OP-QM-PQP-FRM-00012

Rev: 00

### CSC Approver Final Response

**Engineer Comments**

Arch Comments: DER Code B  
Refer to the QAQC comments and comply  
Factory visit to be conducted for the proposed facilities  
Material submittal and samples to be submitted for approval  
Each batch shall be inspected individually by the Engineer, and heat soak test stamp to be inspected randomly as explained in the response sheet  
Non compliant material shall be rejected  
Final approval is subject to mock up approval

QA/QC:- Code -B (23.12.2025)

No objection for the proposed M/s. Febtech Glass Works LLC for Mirrors & Shower Glass Partition Works subject to the comply with the following:

1. All the glass shall have separate logos for the Tempered and Heat soak.
2. Submission of Material & sample as per the specification and its approval.
3. Submission of back panel and fixation details for mirrors.
4. Detailed drawing submission for the shower glass fixation.
5. Subject to Factory visit to verify the production process and quality procedures.
6. Mock up preparation and its approval at site.

**Response**

Refer and comply with Engineer's comments

Status	Approved By	Date
Code B - Approved with Comments	Nilesh Chitroda, WS ATKINS & PARTNERS OVERSEAS	Jan 09, 2026

**PMC Approver Response**

**Engineer Comments**

**Response**

Status	Reviewed By	Date
--------	-------------	------

<b>SUBMITTAL TRANSMITTAL SHEET #</b>	<b>IM-NSV2-D-PQ-ARC-CIC-0034-R00</b>
--------------------------------------	--------------------------------------

<b>Project Name</b>	NAD AL SHEBA GARDENS - CLUSTER D, PHASE 5	<b>Project No.</b>	SH0003-5
		<b>Date</b>	19-Nov-2025

<b>Submittal No.:</b>	IM-NSV2-D-PQ-ARC-CIC-0034	<b>Revision:</b>	00
-----------------------	---------------------------	------------------	----

**Submittal Title:** Pre-Qualification for Mirror and Shower Glass Partition

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
		Pre-Qualification of M/s. Feb Tech Glass Works LLC for Mirror and Shower Glass Partition	PQ	01 Soft Copy	

TYPE: SD= Shop Drawings, MAT= Material Submittal, PQ= Subcontractor Approval Request, SM= Sample, MS= Method Statement, GT= Guarantee, MD= Manufacturer's Data, CT= Certificates, TT= Test Results, DS= Document Submittal, MIR= Materials Delivered, OT= Other

**Supplier / Manufacturer:** M/s. Feb Tech Glass Works LLC

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor Name:</b>	<b>Signature:</b>	<b>Rcv'd By:</b>	<b>Date:</b>
Intermass Engineering & Contracting Company LLC			19 NOV 2025

**Supervision Consultant Review Comments:**

<p><i>- REFER TO ATTACHED COMMENT SHEET</i></p> <p><i>- VENDOR LISTED</i></p> <p><i>- ON-GOING WORKS @ WAS PROJECT</i></p> <p style="text-align: right;"><i>22 NOV 2025</i></p>	<p><b>Consultant Decision</b></p> <p><input type="checkbox"/> Approved</p> <p><input checked="" type="checkbox"/> Approved As Noted</p> <p><input type="checkbox"/> Revise &amp; Resubmit</p> <p><input type="checkbox"/> Not Approved</p> <p><input type="checkbox"/> Not Required</p>
---	---



<b>Supervision Consultant (Name):</b>	<b>Signature:</b>	<b>Rcv'd By:</b>	<b>Date:</b>
			25 NOV 2025

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design content of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

**Copy to:**

Head Office  Consultant  QS  Other

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

	The Sustainable Investment Co. SPV Ltd.	<b>DIAMOND DEVELOPERS</b>	 CURRIE & BROWN The Value of Certainty.		<b>JEET CONSTRUCTION</b>
PROJECT	CLIENT	DEVELOPER	PROJECT MANAGER	ENGINEER	CONTRACTOR

(TRE)  
TRANSMITTAL WITH ENCLOSURE(S)  
FOR PRE-QUALIFICATION DOCUMENT

TRE Ref. : JCC-TM-GN-05822  
Rev. : R01  
Date : 10-Oct-2025

**TITLE**

Pre-qualification Documents of M/s Feb Tech Glass LLC For Back Painted Glass for Condos

**SUBMITTED BY**

JEET Construction L.L.C (Main Contractor)

**SUBMITTED TO**

AtkinsRéalis (Engineer)

**SCOPE**

Building

**COMPONENT/LOCATION**

Condos

**DISCIPLINE**

Architectural

**MANUFACTURER**

M/s Feb Tech Glass Work LLC

**MAKE**

UAE

**SUPPLIER**

M/s Feb Tech Glass Work LLC

**SPECIFICATION REF.**

SECTION

**PURPOSE OF SUBMISSION**

Approval

Information, Review & records

Other: [specify]

**CONTRACTOR UNDERTAKING**

We accept full liability for the enclosures of this TRE and confirm that it has been checked by us internally in detail and are in compliance with the contract documents, drawings, specifications and authority regulations, prior to submission.

Prepared by:  
Signature/Date:

*[Signature]*  
10/10/25

**Kuthbudeen Ahamed**  
Sr. QA/QC Engineer

Verified by:  
Signature/Date:

*[Signature]*  
10/10/25

**Seshadhri Balakrishnan**  
QA/QC Manager

Final Signatory:  
Signature/Date:

*[Signature]*

**Feras Al Zoghby**  
Project Director



**ITEMS**

REF.	REV.	DESCRIPTION	Reviewer's use only. FINAL CODE
TSCYI-BW-JCC-ZZ-CO-ZZ-PQ-AR-00120	C01	Pre-qualification Documents of M/s Feb Tech Glass LLC For Back Painted Glass for Condos	B

**ENCLOSURES**

PART	PAGE NO.	ENCLOSURE TYPE
A		<input type="checkbox"/> Contract Specification Vendor List
B		<input checked="" type="checkbox"/> Proposed Sub-Contractor/Supplier Experience in UAE <input type="checkbox"/> Trade License
C		<input checked="" type="checkbox"/> Certifications <input checked="" type="checkbox"/> Quality/HSE Plan <input checked="" type="checkbox"/> Authorities Approvals
D		<input type="checkbox"/> Dealership Agreement <input checked="" type="checkbox"/> History of Executed Projects and Previous Approvals
E		<input checked="" type="checkbox"/> Plant & Equipment List <input checked="" type="checkbox"/> Organization Chart & CVs of Key Personnel
F		<input type="checkbox"/> Post Contract Services Maintenance <input type="checkbox"/> Site Visit/Factory Visit Report
G		<input checked="" type="checkbox"/> Other: [specify]

The following section is to be filled only by the reviewing party(ies) of the Engineer.

The Employer

The Engineer

The Contractor



**Project: Emaar South - GB15 (Fairway Villas 3) = 72 Units - Main Works, Dubai, UAE.**

**From: M/s. Gincó General Contracting L.L.C**

**To: M/s. DAR Consulting Architect & Engineer**

### Pre Qualification Submittal

Ref. No. **GGC-163-PQ-ARC-0026**

Date: 15-Aug-25

Required By:

Division: Archirectural

Description of Submittal :

**PQ DOCUMENT FOR M/s. FEB TECH Glass Work L.L.C  
Shower Glass Partition & Mirror Supplier & Installer**

Originator of Submittal : GGC

Enclosed:

Test Results

Method Statement

Certificate

Pre-Qualification of Subcontractor

Others

Contractor's PM :

Signature & Date

Received By **DAR Consult:**

Signature & Date



#### Review Status

A. Approved

B. Approved As Noted

C. Approved As Noted, Resubmit

D. Not Approved, Resubmit

#### Comments:

No objection for M/s. FEB TECH Glass Work L.L.C for the scope of Shower Glass Partition and Mirror, Subject to the following:

1. Compliance with Contract Documents and Project Requirements.
2. Maintain the validity of Trade License throughout the duration of the project.
3. Approval of the relevant Engineering submission.
4. Final Quality assurance at the site.
5. Fulfill the project progress requirements.
6. Sample and Mock up approval.

Reviewer:  
Signature & Date

Electrical Engineer:  
Signature & Date

Mechanical Engineer:  
Signature & Date

Architect:  
Signature & Date

Resident Engineer:  
Signature & Date

Engineer's  
Representative :  
Signature & Date

Received by Contractor :  
Signature & Date

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirements and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.



PRE-QUALIFICATION SUBMITTAL

PROJECT CODE	PROJECT TITLE	DOCUMENT REF.	Rev.	Date
DMS149210 (2)	District One West	GGC-OW-SCAR-CIVIL-0042	2	28-Aug-25

DESCRIPTION: P.Q of M/s.FEB TECH GLASS WORKS L.L.C ( FOR MIRROR, SHOWER ENCLOSURE & GLASS BALUSTRADES)

SUB-CONTRACTOR	WORK PACKAGE DESCRIPTION	MANUFACTURER	SUPPLIER
M/s.FEB TECH GLASS WORKS L.L.C	FOR MIRROR, SHOWER ENCLOSURE & GLASS BALUSTRADE		

Reference Document  
Specification/BOQ Ref.  
Alternate if any

ENCLOSURES	Issued for
<input type="checkbox"/> Test Reports <input type="checkbox"/> Method Statement <input type="checkbox"/> O&M Manual <input type="checkbox"/> Others: <input type="checkbox"/> Calculations <input type="checkbox"/> Samples <input type="checkbox"/> Technical Data <input type="checkbox"/> Compliance Statement <input type="checkbox"/> Schedule <input type="checkbox"/> Plan <input type="checkbox"/> Material <input type="checkbox"/> Warranty <input checked="" type="checkbox"/> Prequalification:	<input checked="" type="radio"/> Issued For Approval <input type="radio"/> Issued For information/Record

PREPARED BY Sub-Con	Technical Manager	QA/QC Manager	PD/PM
Name:	Eng. Omar Rashad	Eng. Shehab Mohamed	Eng. Hatem Khalifa
Signature:		<i>[Signature]</i>	<i>[Signature]</i>

MAIN CONTRACTOR COMMENTS:

STATUS



Name:..... Signature: ..... Date: .....

ENGINEER'S COMMENTS:


-No objection for the proposed subcontractor as they have a previously approved in D1 West, and the documents attached show a previous approval for the same activity glass balustrade in similar project criteria.  
 -Final approval is subject to performance at site  
 -provide a mockup for the engineer's approval  
 -follow the previous approved engineering for the balcony glass handrail




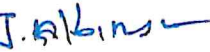




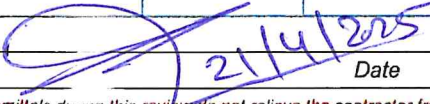
ENGINEER'S REVIEW CODE:

STATUS CODE:

- A - Approved
- B - Approved as Noted
- C - Not Approved Resubmit
- D - Incomplete Resubmit
- E - Information/Record

Engineer's Representative:  
 Name: Hussam Kassomeh    Signature: *[Signature]*    Date: 12/09/2025  
 Resident Engineer



<b>The Employer:</b>  EMAAR Development PJSC	<b>The Engineer:</b>  <small>www.mirage.ae</small>	<b>The Contractor:</b>  M/s. AI Sahel Contracting Co. LLC				
<b>Document Submittal</b> <b>Sea Point (PLOT Z02.B01), Dubai, UAE</b>						
<b>Submittal Ref.No. B01-ASC-PQN-ARC-0031</b>		<b>Rev. No. 02</b>	<b>Date: 14 April 2025</b>			
<b>Discipline</b> <input type="checkbox"/> STR <input checked="" type="checkbox"/> ARC <input type="checkbox"/> MECH <input type="checkbox"/> ELEC <input type="checkbox"/> PLUM <input checked="" type="checkbox"/> OTHERS						
<b>Enclosure:</b> <input checked="" type="checkbox"/> Pre-Qualification <input type="checkbox"/> Material <input type="checkbox"/> Method Statements <input type="checkbox"/> Calculation <input type="checkbox"/> Shop Drawings <input type="checkbox"/> Test Results <input type="checkbox"/> O&M Manual <input type="checkbox"/> Alternative Material (specify material superseded) <input type="checkbox"/> Others (specify) <input type="checkbox"/> Weekly / Monthly report <input type="checkbox"/> Technical submission						
<b>Title &amp; Description:</b>	<b>Pre-Qualification Submittal for Mirrors and Shower Glass Partition</b>	Spec. Sec. & Clause BATHROOM VANITY -GL-101 SHOWER GLASS-GL-103,U-CHANNEL-MT-101				
<b>Purpose &amp; Location:</b>	<b>Mirror and shower glass Partition (Apartment, Public Area &amp; BOH)</b>					
<b>Manufacturer/Supplier:</b>	<b>FEBTECH GLASS WORK LLC</b>	<input type="checkbox"/> Sample attached				
<b>Sub Contractor:</b>	<b>FEBTECH GLASS WORK LLC</b>					
<b>Country of Origin:</b>	<b>PLEASE REFER TO ANNEXURE-1</b>	<input type="checkbox"/> Sample Only submittal				
<i>Contractor Statement: We certify that the documents submitted herewith has been reviewed in details and is in compliance with the contract drawings and specifications except as otherwise stated here above.</i>						
<b>Submitted by Contractor</b>			<b>Received by Consultant</b>			
<b>QA / QC Manager</b>	<b>Technical Manager</b>	<b>Project Manager</b>				
	For 					
<b>Engineer's Comments:</b>						
ARCHITECTURE: APPROVED WITH COMMENTS THE PROPOSED PRE-QUALIFICATION OF M/s FEBTECH GLASS WORKS FOR APARTMENT VANITY MIRRORS & SHOWER GLASS PARTITION SYSTEM IS ACCEPTABLE IN PRINCIPLE SUBJECT TO FULL COMPLIANCE WITH PROJECT SPECIFICATION AND BELOW ENGINEER'S COMMENT. 1- SUBJECT TO SUBMISSION AND APPROVAL OF COMPREHENSIVE MATERIAL SUBMITTAL COMPLETE WITH ALL SUPPORTING DOCUMENTS (DATA SHEETS, SCHEDULES, TEST REPORTS, CONFORMANCE CERTIFICATES, STRUCTURAL CALCULATIONS, PHYSICAL SAMPLES & OTHERS. 2- VANITY MIRRORS UPON MATERIAL APPROVAL SHALL BE TAKEN FROM SINGLE SOURCE ONLY REGARDLESS OF THE SCOPE OF WORK DISTRIBUTIONS. 3- SOURCED SHOWER GLASS FROM SAINT GOBAIN SHALL BE PROCESSED BY MANUFACTURER'S APPROVED PROCESSOR. TEMPERING CERTIFICATE IS REQUIRED. 4- PROPOSED ALTERNATIVE MATERIALS FOR MIRRORS, FRAMES, SHOWER GLASS PARTITIONS, HARDWARE & ACCESSORIES SHALL COME WITH DETAILED COMPARISON SHEET AGAINST SPECIFIED MATERIAL FOR ENGINEER'S REVIEW. 5- ALL STAINLESS STEEL MATERIAL SHALL COME WITH CHEMICAL COMPOSITION TEST REPORT TO ENSURE AUTHENTICITY. 6- SUBJECT TO SUBCONTRACTOR SATISFACTORY PERFORMANCE AT SITE AND WORKMANSHIP QUALITY. 7- COORDINATION WITH RELATED SCOPE OF WORKS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.						
<i>(Mirrors From Saint Gobain) Subject to Samples Approvals</i>						
<input type="checkbox"/> Code A <input checked="" type="checkbox"/> Code B <input type="checkbox"/> Code C <input type="checkbox"/> Code D <input type="checkbox"/> Code E						
<b>Reviewed / Confirmed by</b>	<b>Structural</b>	<b>Architectural/ID</b>	<b>Mechanical</b>	<b>Electrical</b>	<b>HSE</b>	<b>Others</b>
Name/Signature						
Date		Arjay Cempron 21-04-2025				
EMAAR ✓						
Subconsultant ✓						
<b>M.H (Sr. Resident Engineer - MLD)</b>  <b>Date</b> 21/4/2025						
<i>Note: Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with design concept of the project and general compliance with information given in the contract documents without design liability.</i>						
Approval Codes: <b>A</b> -Approved <b>B</b> -Approved with comments <b>D</b> -Incomplete, Resubmit <b>E</b> -Submitted for						
Not Approved (Re-submit within 14 days) <input type="checkbox"/> Information (No approval required)						



SUBCONTRACTOR APPROVAL

CONTRACT NO.	DMS 149063-1
A&B PROJECT No.	1852C
CONTRACT TITLE	PALM JEBEL ALI DEVELOPMENT
EMPLOYER	DHRE
CONSULTANT(PM)	TIME
BUILDING CONSULTANT	ARIF & BINTOAK
INFRA CONSULTANT	ARIF & BINTOAK

SCAR NO:	GGC-SCAR-CIVIL-0062-01
REVISION NO.:	01
REVISION DATE:	9 Apr 2025
TRADE	INFRA
	<b>BUILDING</b>
DISCIPLINE	CIVIL
CONTRACTOR	GINCO General Contracting
	M/S. FEB TECH GLASS WORKS
SUBCONTRACTOR	C



DESCRIPTION & SCOPE OF WORK : Shower glass Partition, Shower Door, Frameless Mirror, Framed Mirror (Mentioned in page-31 to 35)

PREQUALIFICATION FOR FEB TECH GLASS WORKS L . L . C

CONTRACTOR'S REVIEW

Contractor has reviewed this submission prior to submission to Consultant :

Signature :   
Date : 9 Apr 2025



BUILDING / INFRASTRUCTURE WORKS CONSULTANT COMMENTS :

- The submitted specialist is approved only for 3 mock villas.
- This approval subject to specialist performance for mock up villas and quality of works.
- Material submittals to be submitted for Low Iron glass partitions along with specified Accessories.
- Mirrors glass to be supplied from Vendor list specified list.
- Samples to be provided for each design of mirror as per each villa type of the 3 villas for ERC review/Approval.



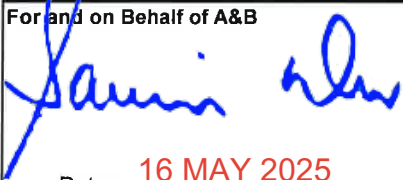
CONSULTANT (PM) COMMENTS :

**C l i e n t C o m m e**

No objection subject to: - Comply with the project's specs. - Comply with Consultant comments.  
- Sub-contractor performance/quality in FIP villa mock up.

STATUS:

Approved  Approved As noted  Not Approved - Resubmit

BUILDING/ INFRA CONSULTANT	CONSULTANT(PM)	EMPLOYER
For and on Behalf of A&B  Date: 16 MAY 2025	For and on Behalf of TIME Date: _____	For and on Behalf of DHRE Refer to Client Comm Date: 15 MAY 2025

Note: Approval / Comments does not relieve the Contractor from his obligations under the Contract.



Employer:  
M/S. EXPO CITY DUBAI

Engineer:  
M/s. Kling Consult GmbH & Co. International  
KG

Contractor:  
M/s. Ginco General Contracting L.L.C

**PROJECT : C5032 Expo Valley Villas & Townhouses, Dubai, UAE**

**PRE-QUALIFICATION SUBMITTAL**

FOR INFORMATION AND RECORDS	<input type="checkbox"/>	FOR APPROVAL	<input checked="" type="checkbox"/>	Transmittal No.:	<b>C5032-PRF-2RD0259-AR-0000008</b>
				Rev.:	<b>3</b>
				Date.:	<b>02/03/2025</b>

To: M/s. Kling Consult GmbH & Co. International KG

**Approval requested by :**  
From: CONTRACTOR REPRESENTATIVE  
Project Manager: **Mahmoud Ibrahim**

**Originator:** M/s. Ginco General Contracting L.L.C  
**Signature:**

**Details of Submittal:**

Sl.No	Pre-qualification no.	Rev	Pre-qualification Title	A	AN	R	ENGINEER'S RESPONSE (Please tick relevant box)
1	C5032-PRF-2RD0259-AR-0000008	3	Pre-Qualification for Mirror and Shower Partition Works (M/s.FEB TECH GLASS WORKS L.L.C)		<input checked="" type="checkbox"/>		

**DETAILED RESPONSE (Please refer to corresponding serial no.)**

**Engineer's Comments:**

M/s FEB TECH GLASS WORKS L.L.C. is **CONDITIONALLY APPROVED** to perform the Mirror and Shower Partition Works package subject to compliance to the following:

- \* Comprehensive compliance statement for the entire project specification of the joinery work.
- \* Preparation of mini mock up
- \* Submission of sample board.
- \* Manufacturer must be ISO registered and certified.
- \* Contractor GINCO to clarify reason behind going beyond approved vendor list.
- \* The Engineer and Employer reserve the right to terminate the work at any time, regardless of whether the minimum quality requirements of the project have been met, if they believe it is in the best interest of the project or due to any other valid reasons.

**QA: No objection subject to comply with all the comments**

\* Manufacturer to submit the ISO registered certifications.

\* submit the material approval request and method of statment for review/approval form the Engineer

Approved with Comments

Mr Akmal Ghuman - Kling Consult GmbH  
(Dubai Branch)

Mar 8, 2025, 11:35 AM GMT+4:00

W. DELA CRUZ 080325

**Engineer representative:**

Name: **Ammar Alrubaie**

Signature: Date: **08-03-2025**

**Employer's Comments**

**Employer Representative:**

Name:

Signature: Date:

(\*A - Approved, \*AN - Approved With Comments, R- \*Rejected)

Consultant



Client



Main Contractor



Project Proposed G+3P+16 Storey Residential Building Plot No: JVC12PHRS003 at Jumeirah Village Community, Dubai-UAE.

PREQUALIFICATION SUBMITTAL

Submittal No. GAC-7917-TPM-PQ-CIVIL-55 Rev 0 New submittal Submittal Date 11.12.2024

Company Name FEBTECH Glass works LLC

Country of Origin UAE Specified Alternative

Work Activity Pre-Qualification Submittal for Shower Partition- FEB TECH GLASS WORKS LLC

Conducted Work Architecture Structure Electrical Mechanical Other

Contact Person Name: SHUAIB

Tel: +971 0556054175

Fax: +971 042662292

P O B

Email: info@febtechuae.com

BoQ ref. Bill No: 09 Equipment and accesories Specs ref.

Attached Data Sheet Profile Catalogue Calculations Samples Other:

Prepared by - Quality Engineer: Project Manager:

Name: Eng. Anand Vijayan Name: Mr. Subhash Vijayan

Signature: Signature:

Received by Consultant

Name Signature Date

Consultant comments

A refer to comments @ attached sheet.

Approved Approved With Comments More Info Required Rejected

Commented by Name Signature Date

Site Engineer Eng. Mostafa

Resident Engineer Eng. Amr Fathy

Received by contractor



Handwritten initials and date: 11/12



**SUBMITTAL TRANSMITTAL SHEET #** PQ-CIV-053

<b>Project Name</b>	SH-0003-3-Nad Al Sheba Gardens - Phase 03 (Zone/Cluster G) Main Construction Works	<b>Project No.</b>	SH-0003-3
		<b>Date</b>	03/10/2024

<b>Submittal No.:</b>	GGC/G-157/PQ/CIV/053	<b>Revision:</b>	<b>01</b>
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**Submittal Title:** Pre-Qualification Document for M/s. Feb Tech (Glass Handrail / Shower Mirror)

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
1	(Refer to PQ Submittal)	<b>Pre-Qualification Document for M/s. Feb Tech</b> <ul style="list-style-type: none"> <li>Glass Handrail / Shower / Mirror</li> </ul>	PQs	01 Hard Copy 01 Soft Copy	ARC

TYPE: MAT= Material Submittal, PQ= Subcontractor Approval Request, MS= Method Statement, GT= Guarantee, TT= Test Results, OT= Other

**Supplier / Manufacturer:** M/s. FEB TECH

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated. [www.conin.ae](http://www.conin.ae)

<b>Contractor Name:</b> Engr. Atef Mohamed Project Director	<b>Signature:</b>	<b>Rcv'd By:</b>
	<b>Date:</b> 03/10/2024	<b>Date:</b> 03 OCT 2024

**Design Consultant Review Comments:**

see the attached comments,

**Consultant Decision**

Approved

Approved As Noted

Revise & Resubmit

Rejected

<b>Design Consultant (Name):</b>	<b>Signature:</b>	<b>Rcv'd By:</b>
	<b>Date:</b>	<b>Date:</b>

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

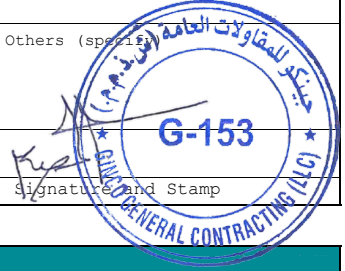
**Copy to:**

Head  Consultant  QS  Other

Office

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

<b>The Client</b> DUBAI SOUTH	<b>The Engineer</b> DEC DYNAMIC DESIGN STUDIO	<b>The Contractor</b> GINCO U.A.E.P.C.	RFP 196A/RD/22 - Design and Build of South Bay Residences	<b>TECHNICAL SUBMITTAL</b> (DS Approval Required)		
Originator of Submittal Ginco General Contracting LLC			Residential District of Dubai South	Reference No.	RD196A-GINCO-PQD-ARC-000015	
Requested by Dubai South Properties DWC-LLC				Rev. No.	0	
Subject of Submittal Pre-Qualification Document for Mirror & Shower Partition Works (M/s.FEB Tech Glass Works LLC)				Date Submitted	03-07-24	
Enclosure			<input type="checkbox"/> Project Quality Plan	<input type="checkbox"/> Method Statement	<input type="checkbox"/> Others (specify)	
			<input type="checkbox"/> HSE Plan	<input type="checkbox"/> Subcontractor Approval	<input type="checkbox"/> Handover Form	
			<input type="checkbox"/> Pre-Qualification	<input type="checkbox"/> CV (specify trade)	<input type="checkbox"/> Snag List	
Contractor's Authorized Representative Name			Engr. Ahmed Essam			



**ENGINEER'S COMMENTS**

Date Received by Engineer and	Incoming Ref. No.
<p>Note: It is not mentioned if M/s FEB Tech Glass Works LLC will carry out works both for Mansion and Villas.          No objection for M/s FEB to serve both Mansion and Villas-TH subject to the following:</p> <ol style="list-style-type: none"> <li>To submit material technical details and all accessories/hardwares to complete the works in compliance with the design intent and contract specifications for Mansion and Villas</li> <li>Certificate of Registration for ISO 45001:2018, 9001:2015 and 14001:2015 are missing - to be provided</li> <li>Commercial License is already expired last 29th June 2024- to update and ensure all licenses and registrations validity is updated through out the project duration</li> <li>To submit MTS and RA of installation prior to proceeding with the work for approval</li> <li>To submit shop drawings and related sections and fixing details for approval</li> <li>Provide draft warranty certificate in line with project specs requirements</li> <li>Subject to mock up approval</li> </ol>	
ENGINEER APPROVAL STATUS	<input type="checkbox"/> Code 1 <input checked="" type="checkbox"/> Code 2 <input type="checkbox"/> Code 3 <input type="checkbox"/> Code 4 <input type="checkbox"/> For Information Only
Engineer's Authorized Representative Name	Ana De Guzman Mr. Mamdouh Farrag  22 July 24 Signature, Date and Stamp
	Outgoing Ref. No.

**DUBAI SOUTH COMMENTS**

Follow Consultants comments  
 Subject to Final material submittal and approval

DS APPROVAL STATUS	<input type="checkbox"/> Code 1 <input checked="" type="checkbox"/> Code 2 <input type="checkbox"/> Code 3 <input type="checkbox"/> Code 4 <input type="checkbox"/> For Information Only
DS Technical Team Name and Position	Jaspinder Kaur (nancy) Signature, Date and Stamp
DS Design Manager Name and Position	 Signature, Date and Stamp
DS Project Manager Name	 Signature, Date and Stamp
	Outgoing Ref. No.




**CONTRACTOR RECEIVED SIGNATURE**

Name	Date, Signature and Stamp
------	---------------------------

**DOCUMENT STATUS**

Code 1 - Approved.  
 Code 2 - Approved as noted, work may proceed subject to incorporation of comments indicated.  
 Code 3 - Revise & resubmit.  
 Code 4 - Rejected

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirements and specifications. This check is only for review of general conformance with the design concept of the Any amendments to this form should be approved by the Engineer and Dubai South prior to use by the contractor.



  		<b>Design and Build of South Bay Residences</b>		<b>MATERIAL SUBMITTAL FORM</b>	
Originator of Submittal		Ginco General Cont. LLC		Reference No.	RD196A-GINCO-MAT-ARC-000078
		RFP 196A/RD/22 - Design and Build of South Bay Residences		Rev. No.	0
				Date	01/08/2024
Item	Description	Discipline	List of Enclosure		
Specifications Reference		(Tick as Applicable)			
		<input type="checkbox"/> Infrastructure	<input checked="" type="checkbox"/> Prequalification Documents		
BOQ Reference		<input checked="" type="checkbox"/> Architectural	<input checked="" type="checkbox"/> Trade License		
		<input type="checkbox"/> Structural	<input checked="" type="checkbox"/> Technical Details		
Drawing Reference		<input type="checkbox"/> Mechanical	<input checked="" type="checkbox"/> List of Previous Projects Done		
		<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Compliance Statement Sheet (*)		
Material Specified		<input type="checkbox"/> HVAC	<input checked="" type="checkbox"/> Method Statement		
Material Proposed	<b>Mirror &amp; Shower Glass for Townhouses</b>	<input type="checkbox"/> Plumbing	<input checked="" type="checkbox"/> Previous Test Results		
		<input type="checkbox"/> Finishes	<input checked="" type="checkbox"/> Copy of the Related Specifications		
Manufacturer/Supplier	<b>M/S. FAB TECH</b>	<input type="checkbox"/> External Works	<input checked="" type="checkbox"/> Sample with Sample Tag (**)		
Address of Manufacturer	<b>Dubai, U.A.E</b>	<input checked="" type="checkbox"/> Civil Works	<input type="checkbox"/> Shop Drawings (if applicable)		
Contractor Remarks		<input type="checkbox"/> Landscaping	<input checked="" type="checkbox"/> Others (specify)		
Date Required on Site		Expected Date of Material Submittal Documents to RE:			
Expected Date of Arrival of Material on Site:					
Notes:	<p>*Compliance statement sheet covering each paragraph and subparagraph of the specification and deviations should be clearly marked.  Advantages/disadvantages between the specified and proposed to be mentioned. This statement must be attached to the relevant submittal form.  **Samples should be presented on a sample board suitably identified with labels. Where it is not possible to present a sample on sample board due to size constraints, sample tag should be attached properly. Photos of samples should be included in the submittal.  All document submissions should include one Original along with a soft copy in PDF Format with this submission. When a resubmission is made based on The Engineer's comments, the compliance/reply to each comment should be clearly mentioned point by point. The specified format should be filled in <b>accordinly</b> and attached to the submittal form.</p>				
Contractor Statement	<b>We certify that the material specified herewith has been reviewed in detail and is in compliance with the contract drawings and specifications except as otherwise stated above.</b>				
Contractor's Authorized Representative Name	Engr. Ahmed Essam				

**ENGINEER'S COMMENTS**

Incoming Ref. No. , if applicable (to be filled by RE)


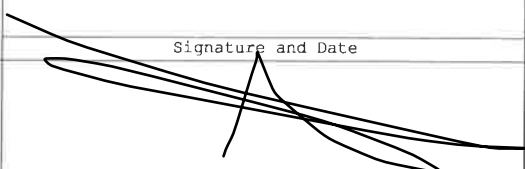
-No objection to the proposed Mirror & Shower Glass for Townhouse by M/s Fab Tech as an alternative manufacturer for the above submittal subject to the following: -All imported materials as noted including all accessories/hardwares should have Certificate of Origin to be provided upon delivery on site -Contractor to ensure compliance with the project specifications and DBGR and local regulatory requirements -Glass hinge to be double action swing type to allow opening inside or outward with s/s finish -Contractor shall be responsible and must comply with manufacturer's recommendation in material handling, storage and installation -MTS and RA related to the glass and related system to be submitted for approval - Sample board to be submitted for review and approval -All shop drawings and other related section details to be submitted for review and approval - To conduct actual site measurement verification and ensure sizes are coordinated with the required design as per approved SD prior to fabrications - Subject to mock up and final inspection approval

Continued on next page..

ENGINEER'S APPROVAL STATUS	<input type="checkbox"/> Code 1	<input checked="" type="checkbox"/> Code 2	<input type="checkbox"/> Code 3	<input type="checkbox"/> Code 4	<input type="checkbox"/> For Information Only
RE Technical Team Review Name and Position	Ana De Guzman Mr. Mamdouh Farrag				07 Aug 24
Engineer's Authorized Representative Name			Signature, Date and Stamp		
			Signature, Date and Stamp		

**DUBAI SOUTH COMMENTS (To be filled up by DS Development Management Department)**

- Refer to engineer's comments
- Comply with employer and authorities requirements
- Consultant to review and assess the technical/ performance criteria in line with the project specifications. Dubai South technical has not carried out any performance review and/ or criteria assessment.
- Subject to mockup approval

DUBAI SOUTH APPROVAL STATUS	<input type="checkbox"/> Code 1	<input checked="" type="checkbox"/> Code 2	<input type="checkbox"/> Code 3	<input type="checkbox"/> Code 4	<input type="checkbox"/> For Information Only
Technical Team (Development Management) Reviewer Name and Position				Signature and Date	
Design Manager Name				Signature and Date	
Project Manager Name					
Outgoing Ref. No., if applicable (to be filled by RE)					

CONTRACTOR RECEIVED SIGNATURE			
Date		Signature and Stamp	

<b>DOCUMENT STATUS</b>
Code 1 - Approved.
Code 2 - Approved as noted, work may proceed subject to incorporation of comments indicated.
Code 3 - Revise & resubmit.
Code 4 - Rejected
Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirements and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.
Any amendments to this form should be approved by the Engineer and Dubai South prior to use by the contractor.

01 APR 2024



# EMAR RECEIVED mirage

PRE-QUALIFICATION SUBMITTAL			
<b>Project:</b> ARABIAN RANCHES III – Phase 4A (RAYA) – G+1 Townhouses-240 nos. +1 no. Guardhouse + 1no. Clubhouse	<b>Employer:</b> M/s. Emaar Development PJSC		
<b>Engineer:</b> M/s. Mirage Leisure and Development	<b>Contractor:</b> M/s. Ginco General Contracting LLC		

<b>Discipline</b>	STR	ARC	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b> ARIII4A-GGC-ARC-PQN-026	<b>Rev.</b> 00
<b>Location</b> (Specify Phase)	Phase 4A (RAYA)					<b>Unifier Record No.</b>	SUB-010741	
						<b>Date</b>	28/03/2024	

LIST OF SUBMITTED ITEMS:			
Item	Description	No. of Copies	Remarks
1	Prequalification of M/s. FEB TECH GLASS WORKS LLC	1 Hard & 1 Soft Copy	
		Scope of Work	
<b>REF. SPEC(s):</b>		<b>REF. DWG(s):</b>	

<b>COMPLIANCE STATEMENT</b>	The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)		
<b>QA/QC Engineer</b>	<b>Technical Manager</b>	<b>Projects Director / Project Manager</b>	

ENGINEER'S COMMENTS	
A <input type="checkbox"/>	B <input checked="" type="checkbox"/>
C <input type="checkbox"/>	D <input type="checkbox"/>
E <input type="checkbox"/>	
<p>1). Submit Installer certificate of qualified installer certified under National Glass Association certified glass installer Program as per specification. Refer specs clause 088300 clause 1.5 2). Submit draft warranty for 5 years special warranty as specified in the project Specs for Mirrors as well as Shower glasses. 3). Submit ISO certificate copy. 4). The approval subject to understanding that M/S Feb tech Glass work is capable of supplying and installing mirrors and shower glasses as per project specification. Especially edge treatment to be done at factory immediately after cutting. Provide confirmation of availability of such facility in the factory. 5). Source limitation as specified shall be ensured as per specification requirements. 6). All Glasses to be heat soak tested. Submit compliance to such specification requirements 7). This approval is subject to successfully obtaining material, method statement, mock-up approvals of the samples to the satisfaction of the Engineer and the client, any shortcoming on this requirement would make this approval null and void. Hence, Contractor to ensure the ability of this supplier in delivery and installation of Mirrors and shower glass in compliance of Project specification, quality standards, Authority requirements and approved Project program.</p>	
<b>Reviewer's Name:</b>	<b>Signature and Date:</b>
<b>Resident Engineer</b>	29/03/24
<b>Signature and Date:</b>	<b>Comments Sheet Attached: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></b>

EMPLOYER'S REPRESENTATIVE COMMENTS	
A <input type="checkbox"/>	B <input checked="" type="checkbox"/>
C <input type="checkbox"/>	D <input type="checkbox"/>
E <input type="checkbox"/>	
As per Engineer's comments, no objection subject to mockup acceptance.	

<b>Name &amp; Signature:</b>	<b>Date:</b> 1/4/24
<p>Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.</p>	

EMAAR

mirage



PRE-QUALIFICATION SUBMITTAL

Project: The Valley Development – Farm Garden Villas, Wellness Centre and Guard Houses, Dubai, UAE	Employer: M/s. Emaar Development PJSC
Engineer: M/s. Mirage Leisure and Development	Contractor: M/s. Engineering Construction & Reconstruction CO L.L.C

Discipline	STR	ARC	MEC	ELE	HVAC	Other:	Submittal Ref. No.	FGV-CRC-ARC-PQN-0009	Rev. 00
Location (Specify Phase)	THE VALLEY - FARM GARDENS VILLAS (Phase Code: FARM)					Unifier Record No.			
						Date	06/12/2023		

LIST OF SUBMITTED ITEMS:

Item	Description	No. of Copies	Remarks
1	PreQualification For M/S FEBTECH for Glass works	2 Hard & 1 Soft Copy	
		Scope of Work	Mirror & Glass Partition work

REF. SPEC(s):	88100	REF. DWG(s):	
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COMPLIANCE STATEMENT: The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

QA/QC Engineer	Technical Manager	Project Manager



ENGINEER'S COMMENTS

A  B  C  D  E

No objection for the pre-qualification for M/s FEBTECH Glass for Shower Glass and Mirror works only subject to the comments provided on cover page addendum.



Reviewer's Name: *Murad* Signature and Date: Dec 19, 2023

Resident Engineer: Signature and Date: \_\_\_\_\_

Comments Sheet Attached: Yes  No

EMPLOYER'S REPRESENTATIVE COMMENTS

A  B  C  D  E

As per Engineers recommendations.

Name & Signature: \_\_\_\_\_ Date: *20/12/23*

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record

## PRE-QUALIFICATION

Project : B+G+21+R RESIDENTIAL BUILDING  
PLOT 5.02 AT CITY WALK, DUBAI, UAE

Date: 25-05-2024

Engineer Project Number: D22-45

Submittal No. : CW5.2-DAE-GCC-PQ-CIV-041

Revision: 02

**TRANSMITTAL** To (Contractor): Majed Al Aboudi  
**A** From (Subcontractor): Febtech Glass Works LLC

Date: 13-05-2024

Name/Sign : ARUNA KUMAR

Discipline:  Architectural  Structural  A/C  Electrical  Plumbing  Landscaping

**Title / Description: Pre-qualification for Glass Partition & Mirror Works**

**Manufacturer/Subcontractor: Feb Tech Glass Works LLC**



**Enclosures/Attachments:**

- Certificates
- Licenses
- Prequalification
- Organization Chart
- Others

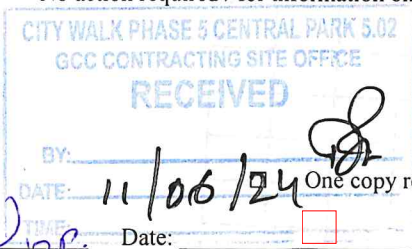
- Submitted for review and approval
- Resubmitted for review and approval
- Submitted for information only
- Engineer review time included in construction schedule
- Resubmission-Comment reply sheet attached

**TRANSMITTAL** To (Contractor) : GCC CONTRACTING Attn : ARUNAKUMAR Date Rec'd by Contractor: \_\_\_\_\_  
**B** From (Engineer): DEWAN Name: Majed AL Aboudi Date Trnsmt'd by Engineer: \_\_\_\_\_

**Engineer's Comments:**

*REFER TO ATTACHED LIST OF COMMENTS*  
*REFER TO COMMENTS ON THE SUBSTITUTION REQUEST FORM.*

- Approved
- Approved as noted
- Revise / Resubmit
- Rejected / Resubmit
- Approved as noted / Resubmit
- Submission incomplete / Resubmit
- No action required / for information only



Other remarks on above submission / Comment Sheet

Name: Majed Al Aboudi Sign: \_\_\_\_\_ Date: \_\_\_\_\_

**TRANSMITTAL** To (Subcontractor) : Feb Tech Glass Works LLC Date : \_\_\_\_\_ Date Rec'd by Contractor : \_\_\_\_\_  
**D** From (Contractor) : GCC Contracting Name/Sign : \_\_\_\_\_ Date Trnsmt'd by Contractor : \_\_\_\_\_

Copies:  Employer  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  One copy retained by sender

A.R. 28.5

Project: The Peninsula @ Business Bay, Plot C, Dubai, UAE  
 Client - Select Global Development LLC on behalf of Capitol 4 Limited

<b>Client</b>	<b>Consultant</b>	<b>Contractor</b>

**SUB-CONTRACTOR PRE-QUALIFICATION**

Date of Submission: 31/07/2024      Submission No: ABM-PQD/CIV/00058    Rev: 00

Civil       MEP       Others

Description: Pre-Qualification Document for Supply & Installation of Clear Mirror, Plain Glass (for Niche) Smokey Black Mirror including Metal frames for Tower (A & B), Lofts & Penthouse (A & B), Office - (FOH & BOH)	Name & Address of proposed sub-contractor: M/s. FEB Tech Glass Works LLC P.O.Box.235918, Dubai, U.A.E Tel:+971 4 266 2292, Fax:+971 4 2367940, Email: info@febtechuae.com
---	--

<input type="checkbox"/> Specified	<input type="checkbox"/> Equivalent /Alternative	<input type="checkbox"/> Deviation	<input checked="" type="checkbox"/> Not specified / NA
<input type="checkbox"/> As per Vendor	<input type="checkbox"/> Not as per Vendor	<input type="checkbox"/> Approved in Plot D/F	

License No: 737668  
 License Valid Until: 29/06/2025

<b>Contractor:</b> M/s. Al Basti & Muktha LLC	<b>Originator:</b> 	Name: <b>Baiju Ramachandran</b> Designation: <b>Sr. Project Manager</b> Sign:
--	------------------------	---

<b>Received by Consultant:</b> Dubai Consultants	Name: <b>Pradeep Gupta</b> Designation: <b>Sr. Project Manager</b> Sign:	
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**Consultant's Comments:**

Refer attached comments sheets for further action.

<b>Dubai Consultants</b> Architects Engineers Design Consultants PO Box 81385 Dubai UAE T +971 4 3262431 F + 971 4 3262437 www.dubaiconsultants.ae	<table border="1"> <tr> <th>Cat</th> <th colspan="2">Approval Status</th> </tr> <tr> <td>A</td> <td>Approved</td> <td><input checked="" type="radio"/> B Approved with Comments</td> </tr> <tr> <td>C</td> <td>Revise &amp; Resubmit</td> <td>D Rejected</td> </tr> <tr> <td colspan="2">Reviewed By: </td> <td>Sign: </td> </tr> </table>	Cat	Approval Status		A	Approved	<input checked="" type="radio"/> B Approved with Comments	C	Revise & Resubmit	D Rejected	Reviewed By:		Sign:
Cat	Approval Status												
A	Approved	<input checked="" type="radio"/> B Approved with Comments											
C	Revise & Resubmit	D Rejected											
Reviewed By:		Sign:											

**Client's comments :**

<p style="color: green;">-Subject to full compliance with contract documents.</p> <p style="color: green;">-Subject to make-up approval.</p>	<table border="1"> <tr> <td><input type="checkbox"/> A -Approved</td> <td rowspan="4" style="vertical-align: middle; text-align: center;"> </td> </tr> <tr> <td><input checked="" type="checkbox"/> B - Approved with comments</td> </tr> <tr> <td><input type="checkbox"/> C - Rejected</td> </tr> <tr> <td><input type="checkbox"/> D - Information &amp; record</td> </tr> </table>	<input type="checkbox"/> A -Approved		<input checked="" type="checkbox"/> B - Approved with comments	<input type="checkbox"/> C - Rejected	<input type="checkbox"/> D - Information & record
<input type="checkbox"/> A -Approved						
<input checked="" type="checkbox"/> B - Approved with comments						
<input type="checkbox"/> C - Rejected						
<input type="checkbox"/> D - Information & record						

Reviewed by :SG      Date :

Received by ABM      Date :

**\*\* Important : Permission to Proceed does not reliver contractor from full compliance with contractual obligations.**

**515 Villas at "Camilia" Cluster Located on Plot No. 9160101, within the "Damac Hills 2" master development, Al Yufrah 2, Dubai, UAE (Project Code: P106.45**  
Form No.: SPM/PA/STS/001/01

**SUBMITTAL TRANSMITTAL SHEET # 132**

<b>Project Name</b>	515 Villas at "Camilia" Cluster Located on Plot No. 9160101, within the "Damac Hills 2" master development, Al Yufrah 2, Dubai, UAE	<b>Project No.</b>	P106.45
		<b>Date</b>	20-May-2024

<b>Submittal No.:</b>	P106.45_AQC_MAT_CIV_118_132	<b>Revision:</b>	00
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**Submittal Title: Prequalification & Material Submittal for Mirror**

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTIN	TYPE	COPIES	REMARKS
1	-	Prequalification & Material Submittal for Mirror (as per attached RFI#050-R2)	MAT	1 copie + 1 cd	<u>No Cost Impact With Sample</u>

TYPE: SD= Shop Drawings, SM= Sample, GT= Guarantee, MD= Manufacturer's Data, CT= Certificates, TT= Test Results, OT= Other

**Supplier / Manufacturer: M/s. Febtech' Glass Work LLC**

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor (Name):</b>	<b>Signature:</b>	<b>Rcv'd By:</b>	
Mousa Shaheen (PM) Al Qandeel Contracting LLC	<i>[Signature]</i> Date: 20-May-2024		

**Resident Engineer Review Comments**

<p><i>* Refer to the attached comments sheet</i></p> <p><i>* final approval is subject to site marking 30/05/2024 approved</i></p>	<b>Consultant Decision</b>	
	<input type="checkbox"/>	<b>[A] Approved</b> Work may proceed
	<input checked="" type="checkbox"/>	<b>[B] Approved As Noted</b> Work may proceed, but Resubmit
	<input type="checkbox"/>	<b>[C] Not Approved</b> Work may not proceed, Revise and Resubmit
	<input type="checkbox"/>	<b>[D] Not Required</b> For Information Only

<b>ECCE Consultant</b>	<b>Signature:</b>	<b>Rcv'd By:</b>	
Eng. Nabih Ali Maarouf Project Manager	<i>[Signature]</i> Date:	Contractor:	

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

**Copy to:**

Employer Head Office  Consultant  QS  Other

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

*\* Mirror installation to be touch to the wall without gap between the mirror and wall tiled 15 mm Beveled*



Pre-Qualification of M/s. Febtech Glass Works LLC for Mirror & Shower Partition Works

<b>Project Name:</b>	Azizi Amber	<b>Project Code:</b>	1003
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1003-GABU-WF5008
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	11/07/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	MIRRORS
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	GBC-ABR-PQ-0025-R0

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1003-GABU-ALL-AX-MRR-PQS-0001</a>	00	Pre-Qualification of M/s. Febtech Glass Works LLC for Mirror & Shower Partition Works	Pre-Qualification	Approved As Noted

**Final Review and Comments**

Gian Nicolas (360degree) - Checked and Verified. No Comments.  
Kashif Ahmed (360degree) - No Objection to the Supplier for Mirror works & Shower Glass partition subjected to  
1.compliance with project Specification  
2.To provide resource allocation scope specific of work for project based on approved baseline program  
3.To proceed for Engineering submittals  
4.Approval subjected to satisfactory works determined by engineer based on Technical review & progress To Proceed for Engineering Submittals for approvals (Material Submittals /Shop Drawings etc.)

Approved as Noted.

Note: Please refer to the above comments.

Submittal Status: **Completed** Date: **17/07/2023**

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.



**Pre-qualification's for Glass and mirror installation for Bldg. CP04-014 & 023, M/s.FEBTECH**


<b>Project Name:</b>	Azizi Riviera Phase 4	<b>Project Code:</b>	1084P4
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P4-GBC-WF182338
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	03/10/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	GBC-P4-PQ-AR-0027

Sub-contractor	Manufacturer	Supplier
	M/s.FEBTECH	M/s.FEBTECH

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P4-GBC-ALN-ALS-ARC-PQS-0021</a>	00	Pre-qualification's for Glass and mirror installation for Bldg. CP04-014 & 023, M/s.FEBTECH	Pre-Qualification	Approved as Noted

<b>Final Review and Comments</b>			
<b>Submittal Status:</b>	<b>Completed</b>	<b>Date:</b>	<b>09/10/2023</b>

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*

<b>CLIENT</b> 	<b>LEAD CONSULTANT</b> 	<b>MAIN CONTRACTOR</b> 
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### PREQUALIFICATION SUBMITTAL

Project	:	DPG-0064 Villanova La Violeta – Phase 1 & 2 Pool House, plot No. 6481174 & 6481175
Client	:	Dubai Holding Real Estate LLC
Consultant	:	DEC Dynamic Design Studio LLC
Contractor	:	Engineering Construction & Reconstruction Company

DOCUMENT NO.	REV.	DATE	DISCIPLINE
VLV-PH1&2-CRC-ARC-PQD-0015	00	09-05-2024	ARC

ITEM NO.	DOCUMENT DESCRIPTION
1	Pre-Qualification of M/s Feb Tech Glass for Mirror works for Pool house-1 & 2. (Same approved in Phase -2 Ref. VLV-P2-CRC-ARC-PQD-0009 R0)

Note: We certify that the document submitted herewith has been reviewed in detail and is in strict conformance with the contract drawing and specification unless as stated otherwise.

Signature (Contractor's Representative): \_\_\_\_\_ Date: \_\_\_\_\_

DHRE Comments: Applicable  Not Applicable

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DEC Comments:**

No objection, subject to comply with the same comments in the approval of La Violeta Phase 2.

Name: Amjed Signature: \_\_\_\_\_ Date: 10-05-2024

**DEC Project Director Comments:**

Name: **Mohamed Elbadawi** Signature: \_\_\_\_\_ Date: 10-05-2024

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_




Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Any Approval, Check, certificate, Consent, Examination, Inspection, Instruction, Notice, Proposal, Request, Test, or Similar act by the Client / Consultant (Including absence of disapproval) shall not relieve the Contractor from any responsibility he has under the contract, including responsibility for errors, omissions, discrepancies and non-compliances.

CLIENT 	LEAD CONSULTANT 	MAIN CONTRACTOR 
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PREQUALIFICATION SUBMITTAL			
Project	:	DPG-0064 Villanova (PA15) La Violeta Phase 2	
Client	:	Dubai Holding Real Estate LLC	
Consultant	:	DEC Dynamic Design Studio LLC	
Contractor	:	Engineering Construction & Reconstruction Company	
DOCUMENT NO.		REV.	DATE
VLV-P2-CRC-ARC-PQD-0009		00	25/01/2024
DISCIPLINE		ARC	
ITEM NO.	DOCUMENT DESCRIPTION		
1	Pre-Qualification form M/s. FEB Tech Glass Works L.L.C. for Shower Glass Partition & Mirror Works		
Note: We certify that the document submitted herewith has been reviewed in detail and is in strict conformance with the contract drawing and specification unless as stated otherwise.			
Signature (Contractor's Representative):		Date:	
			
DHRE Comments: <span style="float: right;">Applicable <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/></span>			
No objection to Consultant comments.			
Name:		Signature:	Date: 06 Feb 2024
DEC Comments: <ol style="list-style-type: none"> <li>1- Subject to comply with Authority Regulation, project specification and required submittal approvals.</li> <li>2- Final approval subject to satisfactory of work performance in accordance with project specification and standards.</li> <li>3- Material, sample, method statement and shop drawings to be submitted for approval.</li> <li>4- Warranty period as per project contract documents for material and workmanship to be submitted separately starting from the date of handing over.</li> <li>5- Subject to Mock-up and DHRE approval.</li> </ol>			
Name: Amjed		Signature:	Date: 05-02-2024
DEC Project Director Comments:			
Name: Mohamed Elbadawi		Signature:	Date: 05/02/2024
			
Approval Status Code: <ul style="list-style-type: none"> <li><input type="checkbox"/> A – Approved</li> <li><input checked="" type="checkbox"/> B – Approved with Comments</li> <li><input type="checkbox"/> C – Revise &amp; Resubmit</li> <li><input type="checkbox"/> D – Rejected</li> </ul>			
Any Approval, Check, certificate, Consent, Examination, Inspection, Instruction, Notice, Proposal, Request, Test, or Similar act by the Client / Consultant (Including absence of disapproval) shall not relieve the Contractor from any responsibility he has under the contract, including responsibility for errors, omissions, discrepancies and non-compliances.			

**Sub-Contractor/Supplier  
Pre-Qualification**



**Section A. Sub-Contractor/Supplier Prequalification Submittal Details**  Specified  Alternative  Not Specified

Project Name: Sharjah Sustainable City, UAE	Project Number: 1657	Location: Phase 03	SPQ Reference: JEET-SSC-P3-SPA-ARC-0034	Rev: 00
			Date of Submittal: 15 June 23	
PM & Supervision: Sharjah Sustainable City	Main Contractor: Jeet Building Contracting LLC		Sub-Contractor/Supplier Name: Feb Tech Glass Works LLC	
Scope: <input checked="" type="checkbox"/> Building <input type="checkbox"/> Infra <input type="checkbox"/> Landscape <input type="checkbox"/> Other (Specify):				
Trades/Services: <input checked="" type="checkbox"/> Architectural <input type="checkbox"/> Civil/Structural <input type="checkbox"/> Mech. <input type="checkbox"/> Elec. <input type="checkbox"/> Plum. <input type="checkbox"/> Other (Specify):				
Sub-Contractor/Supplier Description: Prequalification of Stair Balustrade Specialist Inside Villa			Local Representative: JEET BUILDING CONT. LLC P.O. Box : 35758, Dubai - U.A.E.	
Specified Sub-Contractor/Supplier: Not Specified	Country of Origin (Specified): NA	Alternative Comparison <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Proposed Sub-Contractor/Supplier: Feb Tech Glass Works LLC	Country of Origin (Proposed): UAE			
Reason for Deviation:		Time & Cost Implications:		
Submitted By:  Jeet Building Contracting LLC		Authorized Signatory:  Sr. Projects Manager Ferras Al Zoghby		

Part A	<input type="checkbox"/> Contract Specification Vendors List
Part B	<input checked="" type="checkbox"/> Proposed Sub-Contractor/Supplier Experience in UAE <input checked="" type="checkbox"/> Trade Licenses
Part C	<input checked="" type="checkbox"/> ISO Certifications <input checked="" type="checkbox"/> Quality/HSE Plan <input checked="" type="checkbox"/> Authorities Approvals
Part D	<input checked="" type="checkbox"/> Dealership Agreement <input checked="" type="checkbox"/> History of Executed Projects and Previous Approvals
Part E	<input checked="" type="checkbox"/> Plant & Equipment List <input checked="" type="checkbox"/> Organization Chart & CVs of Key Personnel
Part F	<input type="checkbox"/> Post Contract Services Maintenance <input type="checkbox"/> Site Visits/ Factory Visits <input type="checkbox"/> Other (Specify)

**Section B. Attachment Details (tick as applicable)**

**Section C. Approval Details**

Selected Trade/Service Eng.'s comments:

- No objection to the proposed subcontractor subject to the following:
- Contractor to comply with project specifications, drawings and POW.
  - Contractor to submit material and method of statement for approval.
  - Installation and details to be as per approved shop drawings.
  - All materials to be as per approved material submittal.
  - Contractor to submit mock-up for approval.
  - Subject to factory visit assessment.

Qutaiba Elayan  
19/06/2023

Name: Ghalia Nahlawi Signature:	Date: 19/06/2023
---------------------------------	------------------

<b>Project Manager</b> Name: Muhsen Ahmad Signature: Date: 19-June-2023	<b>RETURNED TO CONTRACTOR - PQ STATUS</b>	
	A	Approved
	B	Approved with Comments (work may proceed)
	C	Revise and Resubmit (work may not proceed)
	D	Rejected
	E	Information/Record

- SSC review / comments do not in any way imply acceptance and do not in any way absolve the contractor from fulfilling its contractual obligation, including, but not limited to, material submittals, review and approval, etc. Rejected submittals must be resubmitted for approval with all requested documents & data. Contractor remains fully responsible for approved submittals under terms and conditions of the contract.

**Material Approval Request (MAR)**

Contract Title:	<b>District One West Phase 2</b>				
Contract/LOA No.:	<b>DMS149720</b>	Plot No.			
Employer:	<b>M/s. Meydan Group LLC</b>				
Engineer:	<b>M/s. White Space</b>				
Main Contractor:	<b>M/s. Genco General Contracting LLC</b>				
Reference No.:	<b>D1W-PH2-GO-MAR-ARC-0048</b>	Revision:	<b>0</b>	Date:	<b>13 May 2025</b>

Tick the relevant items below:

<input checked="" type="checkbox"/> Civil/Structural	<input type="checkbox"/> Architectural	<input type="checkbox"/> MEP	<input type="checkbox"/> Landscaping	<input type="checkbox"/> Others: _____
--	--	------------------------------	--------------------------------------	--

We are sending herewith the Documents / Drawings / Samples listed below.

<b>Material Information</b>	
Name of Product:	Mirrors (M/S Feb Tech)
Location of use:	For Toilets and Bathrooms.
Quantity:	As Per BOQ
Date of Delivery:	A Per the Site requirement
Name Manufacturer:	As Mentioned in the attached list of materials.
Source/Country of Origin:	As Mentioned in the attached list of materials.
Name of Subcontractor:	M/s. Feb Tech Glass Works LLC
Name Local Agent/Supplier:	-
Specification/Control Document Reference:	Section 102800
Alternative to Specified product:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Reason for use of alternate product:	
Cost Impact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Time Impact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Attachments (Spec., Brochure, Sample etc.):	
Description of Samples:	

**Compliance Statement:** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in accordance with the Contract Documents except otherwise stated.

**Compliance with local Authorities Regulations:**  Yes  No

Prepared By (Sub-Con)	QA/QC	PD/PM	Date:
Name:	Eng. Shehab Mohamed	Eng. Mohamed Mosleh	04 May 2025
Signature:			

Comments (Engineer/Consultant):




Reviewed By	Shady Alakhhal Sr. Site Architect	Signature	Date: 04/07/2025
A. <input type="checkbox"/> Approved	B. <input checked="" type="checkbox"/> Approved as Noted	C. <input type="checkbox"/> Not Approved Resubmit	D. <input type="checkbox"/> Incomplete Resubmit
		E. <input type="checkbox"/> Information/Record	

Engineer's Representative: Ashraf M. F. Hamed Senior Resident Engineer	Received by Contractor
Signature:	
Date: 04/07/2025	Date:

Distribution:  Contractor (Original)  PMO  Engineer

**NOTE:** The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted materials and documents.



EMAAR



# MATERIAL APPROVAL REQUEST

Client		Consultant	Main Contractor
CONTRACT NO.	1794		
CONTRACT TITLE	GREENWAY on Plot GC-21 (492 TH) Dubai South Residential District, Dubai - UAE.		
CONTRACTOR	M/s.Ginco General Contracting L.L.C		
PRODUCT NAME	Mirror	SAMPLE PROVIDED	<input checked="" type="checkbox"/>
MANUFACTURER	M/s. FEB TECH GLASS WORKS L.L.C	SUPPLIER	M/s. FEB TECH GLASS WORKS L.L.C
		MAR NO.	GGC-163-MAR-CVL-0089
		REVISION NO.:	01
		REVISION DATE:	25/09/2025
		TITLE	Mirror Works
		DISCIPLINE	Architectural

TO :	FROM :
M/s. Arif & Bintok Consulting Architects & Engineers	M/s.Ginco General Contracting L.L.C
	<b>CONTRACTOR'S REVIEW:</b> Contractor has reviewed this submittal prior to submission to the Engineer.  SIGNATURE _____ Mr. Mohammed Salah Sr. Project Manager Date: 25/09/2025

**DESCRIPTION:**

**Material Submittal for Mirror Works**

Pre-Qualification Approval Reference: GGC-163-PQ-ARC-0033

**LEAD SECTOR CONSULTANT'S COMMENTS :**

- No objection Mirror with SS trim approval is subject to Mock up approval. Prototype villas.
- Refer to ID design drawing and submit shop drawing and details for review and approval.
- Warranty of mirror as per project specs draft to be submitted for approval (5 YEARS)
- Submit method statement for Review and approval
- All Mirror material shall be pre assemble factory made as per site condition dimension
- Total mirror thickness 6mm chamfer edge

**EMPLOYER / PM COMMENTS :**

Subject to Client ID approval (mock up installed sample)

SUBMITTAL STATUS			
APPROVED NO COMMENTS	<input type="checkbox"/>	REJECTED	<input type="checkbox"/>
APPROVED AS NOTED	<input checked="" type="checkbox"/>	FOR RECORD ONLY	<input type="checkbox"/>
NOT APPROVED - RESUBMIT	<input type="checkbox"/>	EMPLOYER APPROVAL REQUIRED	<input type="checkbox"/>

**LEAD SECTOR CONSULTANT'S SIGNATURE**

For and on behalf of Consultant \_\_\_\_\_

29 Sept. 2025

EMAAR



# MATERIAL APPROVAL REQUEST

Client		Consultant	Main Contractor	
CONTRACT NO.	1794		MAR NO.	GGC-163-MAR-CVL-0090
CONTRACT TITLE	GREENWAY on Plot GC-21 (492 TH) Dubai South Residential District, Dubai - UAE.		REVISION NO.:	00
			REVISION DATE:	14/09/2025
CONTRACTOR	M/s.Ginco General Contracting L.L.C		TITLE	Shower Glass Partition
			DISCIPLINE	Architectural
PRODUCT NAME	Shower Glass Partition		SAMPLE PROVIDED	<input checked="" type="checkbox"/>
MANUFACTURER	M/s. FEB TECH GLASS WORKS L.L.C		SUPPLIER	M/s. FEB TECH GLASS WORKS L-L-C

TO :	M/s. Arif & Bintook Consulting Architects & Engineers	FROM :	M/s.Ginco General Contracting L.L.C
		<b>CONTRACTOR'S REVIEW:</b>	
		Contractor has reviewed this submittal prior to submission to the Engineer.	
		SIGNATURE	
		Mr. Mohammed Salah	Date: 14/09/2025
		Sr. Project Manager	

**DESCRIPTION:**

**Material Submittal for Shower Glass Partition**

Pre-Qualification Approval Reference: GGC-163-PQ-ARC-0033

**LEAD SECTOR CONSULTANT'S COMMENTS :**

Material approval for shower glass and accessories- subject to Mock Up approval by Client Submit shop drawing for review and approval

Material Draft Warranty to be submitted for approval.

Submit methods statement for approval

Subject in compliance with Project Specification

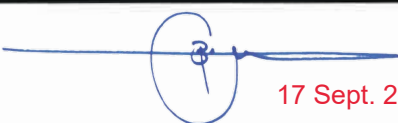
Wall U channel and bracket installation to be tested.




Refer to IFC ID drawing for sizes and dimension and orientation of Glass door

**EMPLOYER / PM COMMENTS :**

SUBMITTAL STATUS			
APPROVED NO COMMENTS	<input type="checkbox"/>	REJECTED	<input type="checkbox"/>
APPROVED AS NOTED	<input checked="" type="checkbox"/>	FOR RECORD ONLY	<input type="checkbox"/>
NOT APPROVED - RESUBMIT	<input type="checkbox"/>	EMPLOYER APPROVAL REQUIRED	<input type="checkbox"/>

**LEAD SECTOR CONSULTANT'S SIGNATURE**

For and on behalf of Consultant  17 Sept. 2025

The Employer 	The Engineer 	The Contractor 
---	---	---

**Project: Emaar South - GB15 (Fairway Villas 3) = 72 Units, Main Works, Dubai, UAE.**

**From: M/s.Ginco General Contracting L.L.C** **To: M/s. DAR Consulting Architect & Engineer**


<b>Material Submittal</b>		Ref. No. : <b>GGC-163-MAR-CVL-0096</b> REV: <b>2</b> Date : <b>21-10-25</b> Required By :
<b>Originator of Submittal :</b> GGC <b>Material Division / Section :</b> ARCHITECTURAL <b>Specs./BOQ/Drg. Ref. :</b> Section 10 28 19 – Tub and Shower Enclosure <b>Material Specified :</b> N/A <b>Material Proposed :</b> Shower Glass Partition including U Channel <b>Manufacturer / Local Supplier :</b> M/s. FEB TECH Glass Works LLC <b>Reason for Alternative :</b> N/A	<b>List of Enclosures</b> <small>(Tick the related Box)</small> <input checked="" type="checkbox"/> Vendor's Technical Literature <input checked="" type="checkbox"/> Compliance Statement <input checked="" type="checkbox"/> Test Results <input type="checkbox"/> Copy of Related Specs. <input checked="" type="checkbox"/> Samples <input checked="" type="checkbox"/> List of Previous Projects done <input type="checkbox"/> Others (Specify)	
<b>Material Description :</b> <b>Shower Glass Partition Including Accessories &amp; Hardware</b> <b>Glass door location as per approved layout only.</b>		

17.10.25

**Contractor's PM :**  
Signature & Date



**Received By DAR Consult :**  
Signature & Date



RECEIVED  
21 OCT 2025  
DAR CONSULT  
DWD P-5-7-8

**Contractor's Statement :** We certify that the material(s) submitted herewith has/have been reviewed in detail and in compliance with the Contract drawings and specifications except as otherwise stated here above

**Review Status**

<input type="checkbox"/> A. Approved	<input checked="" type="checkbox"/> B. Approved As Noted	<input type="checkbox"/> C. Approved As Noted, Resubmit
<input type="checkbox"/> D. Not Approved, Resubmit	<input type="checkbox"/> E. Returned Unchecked	<input type="checkbox"/> F. Incomplete, Resubmit

**Comments:**

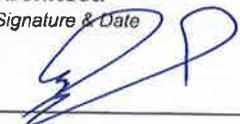

**No objection for the proposed Material, Subject to the following:**

a. approval of the relevant engineering works (e.g., Shop Drawing, Method statement, structural calculation).

b. Submit warranty certificate for the proposed material as per specification requirements.

c. Clause 08 80.00 part 1.3.3: Submit test certificate from independent third party for the glass optical properties as per specification requirements before procurement.

d. Final approval is subject to Mock up approval at the site. e. All used Hardware & screws to be stainless steel 316.

<b>Reviewer:</b> Signature & Date	<b>Electrical Engineer:</b> Signature & Date	<b>Mechanical Engineer:</b> Signature & Date	<b>Architect:</b> Signature & Date 
<b>Resident Engineer:</b> Signature & Date 	<b>Engineer's Representative :</b> Signature & Date	<b>Received by Contractor :</b> Signature & Date	

The Engineer's Representative review, comments and approval to the submitted material is for general conformance with the design concept and specifications and shall not relieve the Contractor from responsibility for any deviations from, or errors or omissions in respect of the requirements of the Contract Documents, unless the Contractor has informed the Engineer in writing of specific deviations and the Engineer has given written approval thereto.

The Employer

The Engineer

The Contractor

EMAAR



Project: Emaar South - GB15 (Fairway Villas 3) = 72 Units, Main Works, Dubai, UAE.

From: M/s. GincO General Contracting L.L.C

To: M/s. DAR Consulting Architect & Engineer

Material Submittal

SITE: G-163	
RECEIVED	
No.	Ref. No. : GGC-163-MAR-CVL-0096
Date: 04/10/2025	REV: 2
ACTION	INFO
Projects Director	
Contracts Dept.	
Est. Dept.	
C.M.P.E	
Planning Dept.	
Technical Dept.	
QA/QC	
GIS	
MET Co-ordinator	
Survey Dept.	
Admin Dept.	
Accounts Dept.	
Site Clerk	
Sub-Contractor	
10/10/2025	

Ref. No. : GGC-163-MAR-CVL-0096

REV: 2

Date: 21-10-25

Required By: Feb 2025

List of Enclosures

- Vendor's Technical Literature
- Compliance Statement
- Test Results
- Copy of Related Specs.
- Samples
- List of Previous Projects done
- Others (Specify)

Originator of Submittal : GGC

Material Division / Section : ARCHITECTURAL

Specs./BOQ/Drg. Ref. : Section 10 28 19 - Tub and Shower Enclosure

Material Specified : N/A

Material Proposed : Shower Glass Partition including U-Channel

Manufacturer / Local Supplier : M/s. FEB TECH Glass Works LLC

Reason for Alternative : N/A

Material Description : Shower Glass Partition including Accessories & Hardwares  
Glass door location as per approved layout only.

Contractor's PM : Signature & Date

Received By DAR Consult : Signature & Date



Contractor's Statement : We certify that the material(s) submitted herewith has/have been reviewed in detail and in compliance with the Contract drawings and specifications except as otherwise stated here above.

Review Status

- A. Approved
- B. Approved As Noted
- C. Approved As Noted, Resubmit
- D. Not Approved, Resubmit
- E. Returned Unchecked
- F. Incomplete, Resubmit

Comments:

- No objection for the proposed Material, Subject to the following:
- a. approval of the relevant engineering works (e.g., Shop Drawing, Method statement, structural calculations)
- b. Submit warranty certificate for the proposed material as per specification requirements.
- c. Clause 08 80 00 part 1.3.3: Submit test certificate from independent third party for the glass optical properties as per specification requirements before procurement.
- d. Final approval is subject to Mock up approval at the site. e. All used Hardware & screws to be stainless steel 316.



Reviewer: Signature & Date	Electrical Engineer: Signature & Date	Mechanical Engineer: Signature & Date	Architect: Signature & Date
Resident Engineer: Signature & Date	Engineer's Representative : Signature & Date	Received by Contractor : Signature & Date	

The Engineer's Representative review, comments and approval to the submitted material is for general conformance with the design concept and specifications and shall not relieve the Contractor from responsibility for any deviations from, or errors or omissions in respect of the requirements of the Contract Documents, unless the Contractor has informed the Engineer in writing of specific deviations and the Engineer has given written approval thereto.

LW

10/10

**SUBMITTAL TRANSMITTAL SHEET #** MAT-CIV-087

<b>Project Name</b>	SH-0003-3-Nad Al Sheba Gardens - Phase 03 (Zone/Cluster G) Main Construction Works	<b>Project No.</b>	SH-0003-3
		<b>Date</b>	06/10/2025

<b>Submittal No.:</b>	GGC/G-157/MAT/CIV/087	<b>Revision:</b>	06
<b>Submittal Title:</b>	Material Submittal for GLASS HINGES & SILICONE (Town House) – C01, C06, C10, C11		

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
1	(Refer to Material Submittal)	<b>Material Submittal for GLASS HINGES &amp; SILICONE - ONLY</b> Town House – C01, C06, C10, C11	MAT	01 Hard Copy 01 Soft Copy	Reply to Comment

TYPE: SD= Shop Drawings, MAT= Material Submittal, SAR= Subcontractor Approval Request, SM= Sample, GT= Guarantee, MD= Manufacturer's Data, CT= Certificates, TT= Test Results, OT= Other


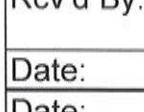
<b>Supplier / Manufacturer:</b>	M/s. FEB TECH
---------------------------------	---------------

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor Name:</b> Engr. Atef Mohamed Project Director	<b>Signature:</b> 	<b>Rcv'd By:</b> 	<b>Date:</b> 06/10/2025
---	---	---	----------------------------



<b>Design Consultant Review Comments:</b> REFER TO THE ATTACHED LW COMMENTS. -ADDT'L COMMENTS: -CONTRACTOR TO ENSURE PUD COATING / FINISH -SUBMIT STRUCTURAL CALCULATION FOR SHOWER PARTITION -COMPLY / USE ONLY APPROVED MATERIALS -SUBMIT MDS & ITP FOR APPROVAL -APPROVAL IS ONLY FOR MAT. & FINISH -SUBJECT TO CLOSE-OUT OF COMMENTS ABOVE & LW COMMENTS.	<b>Consultant Decision:</b> <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Revise & Resubmit <input type="checkbox"/> Not Approved <input type="checkbox"/> Not Required
---	---

<b>Design Consultant (Name):</b> www.conin.ae NAD AL SHEBA GARDENS PHASE 3 CLUSTER G	<b>Signature:</b> 	<b>Rcv'd By:</b> 	<b>Date:</b> 17 OCT 2025
---	---	---	-----------------------------



Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

**Copy to:**

Head Office  Consultant  QS  Other

Sheet No. \_\_\_\_\_ of \_\_\_\_\_



**CP.04-SAMPLE SUBMITTAL FOR SS METAL PROFILE (A-MTL-104) BLACK MATT FINISH FOR SHOWER GLASS PARTITION - FEBTECH**

<b>Project Name:</b>	Azizi Riviera Phase 4	<b>Project Code:</b>	1084P4
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P4-GBC-WF531901
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	26/08/2025
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Interior Design - ID	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	360-1084.CP.04 -MAT-GE-ID.GE-226-00

Sub-contractor	Manufacturer	Supplier
	FEBTECH GLASS WORKS	FEBTECH GLASS WORKS

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P4-GBC-ALN-ALS-ID-SAM-0026</a>	00	CP.04-SAMPLE SUBMITTAL FOR SS METAL PROFILE (A-MTL-104) BLACK MATT FINISH FOR SHOWER GLASS PARTITION-FEBTECH	Sample Approval	Approved

<b>Final Review and Comments</b>			
Refer to DAT-INT comments			
Submittal Status:	<b>Completed</b>	Date:	<b>27/08/2025</b>

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-SAMPLE SUBMITTAL FOR SS METAL PROFILE (A-MTL-104) BLACK MATT FINISH FOR SHOWER GLASS PARTITION - FEBTECH**

CTO Review

STATUS: Completed

**APPROVER:** Romel Manliguez (360)

**ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ID-SAM-0026</a>	CP.04-SAMPLE SUBMITTAL FOR SS METAL PROFILE (A-MTL-104) BLACK MATT FINISH FOR SHOWER GLASS PARTITION-FEBTECH	Sample Approval	00	Ok to Proceed	26/08/2025	

**Comments:**

CTO Review

STATUS: Completed

**APPROVER:** Sahir kabirMuhamed (360)

**ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ID-SAM-0026</a>	CP.04-SAMPLE SUBMITTAL FOR SS METAL PROFILE (A-MTL-104) BLACK MATT FINISH FOR SHOWER GLASS PARTITION-FEBTECH	Sample Approval	00	Ok to Proceed	26/08/2025	

**Comments:**

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-SAMPLE SUBMITTAL FOR SS METAL PROFILE (A-MTL-104) BLACK MATT FINISH FOR SHOWER GLASS PARTITION - FEBTECH**

CTO Review

STATUS: Completed

**APPROVER:** Sajad Saheer (360D)

**ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ID-SAM-0026</a>	CP.04-SAMPLE SUBMITTAL FOR SS METAL PROFILE (A-MTL-104) BLACK MATT FINISH FOR SHOWER GLASS PARTITION-FEBTECH	Sample Approval	00	Ok to Proceed	26/08/2025	<a href="#">360-1084CP04 - MAT-GE-IDGE-226 27-08-2025-08-43-02 .pdf</a>

**Comments:** Approved for look and feel, CTO to confirm technically regarding the suitability of the coating for the proposed location

CTO - Technical Manager - Material

STATUS: Completed

**APPROVER:** Saleem Zayyad (360)

**ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ID-SAM-0026</a>	CP.04-SAMPLE SUBMITTAL FOR SS METAL PROFILE (A-MTL-104) BLACK MATT FINISH FOR SHOWER GLASS PARTITION-FEBTECH	Sample Approval	00	Approved	27/08/2025	

**Comments:** Refer to DAT-INT comments

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-005-PENTHOUSE-MATERIAL & SAMPLE SUBMITTAL FOR MIRROR A-SW-119 AT MAID'S ROOM BATHROOM - FEBTECH**

<b>Project Name:</b>	Azizi Riviera Phase 4	<b>Project Code:</b>	1084P4
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P4-GBC-WF521731
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	12/08/2025
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	MIRRORS
<b>Discipline:</b>	Interior Design - ID	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	360-1084.CP.04 -MAT-GE-ID.GE-217-00

Sub-contractor	Manufacturer	Supplier
	M/s Sanipex	M/s Sanipex/Febtech

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P4-GBC-R55-26R-ID-SAM-0001</a>	00	CP.04-005-MATERIAL & SAMPLE SUBMITTAL FOR MIRROR A-SW-119 AT MAID'S ROOM BATHROOM - FEBTECH	Sample Approval	Approved as Noted

**Final Review and Comments**

refer to Engineer comments & subject to mockup approval

Submittal Status: **Completed** Date: **13/08/2025**

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-005-PENTHOUSE-MATERIAL & SAMPLE SUBMITTAL FOR MIRROR A-SW-119 AT MAID'S ROOM BATHROOM - FEBTECH**

CTO Review STATUS: Completed

**APPROVER:** Romel Manliguez (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-26R-ID-SAM-0001</a>	CP.04-005-MATERIAL & SAMPLE SUBMITTAL FOR MIRROR A-SW-119 AT MAID'S ROOM BATHROOM - FEBTECH	Sample Approval	00	Approved as Noted	12/08/2025	

**Comments:**  
 1. Ensure to follow as per approved sample.  
 2. Follow as per the the specification and approved drawings

CTO Review STATUS: Completed

**APPROVER:** Gireesh Gangadharan (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-26R-ID-SAM-0001</a>	CP.04-005-MATERIAL & SAMPLE SUBMITTAL FOR MIRROR A-SW-119 AT MAID'S ROOM BATHROOM - FEBTECH	Sample Approval	00	Ok to Proceed	12/08/2025	

**Comments:**

CTO Review STATUS: Completed

**APPROVER:** Sahir kabirMuhammed (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-26R-ID-SAM-0001</a>	CP.04-005-MATERIAL & SAMPLE SUBMITTAL FOR MIRROR A-SW-119 AT MAID'S ROOM BATHROOM - FEBTECH	Sample Approval	00	Approved as Noted	12/08/2025	

**Comments:** Approval subject to mockup sample

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-005-PENTHOUSE-MATERIAL & SAMPLE SUBMITTAL FOR MIRROR A-SW-119 AT MAID'S ROOM BATHROOM - FEBTECH**

CTO - Technical Manager - Material

STATUS: Completed

**APPROVER:** Saleem Zayyad (360)

**ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-26R-ID-SAM-0001</a>	CP.04-005-MATERIAL & SAMPLE SUBMITTAL FOR MIRROR A-SW-119 AT MAID'S ROOM BATHROOM - FEBTECH	Sample Approval	00	Approved as Noted	13/08/2025	

**Comments:** refer to Engineer comments & subject to mockup approval

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*

The Employer: <b>EMAAR</b> EMAAR Development PJSC	The Engineer: <b>mirage</b> HEAD OFFICE: P.O. BOX 12001, FOUR BROTHERS TOWER, 3RD FLOOR, DUBAI, U.A.E.   CONTACT: 04 391 1111   www.mirage.ae	The Contractor:  M/s. Al Sahel Contracting Co. LLC
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## Document Submittal

Sea Point (PLOT Z02.B01), Dubai, UAE

Submittal Ref.No. **B01-ASC-MAS-ARC-0064**      Rev. No. **01**      Date: **28 July 2025**

**Discipline**       STR     ARC     MECH     ELEC     PLUM     OTHERS


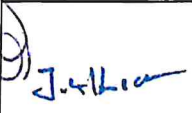

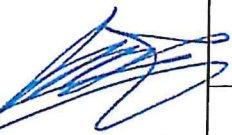
**Enclosure:**     Pre-Qualification     Material     Method Statements     Calculation     Shop Drawings

Test Results         O&M Manual     Alternative Material (specify material superseded)     Others (specify)

Weekly / Monthly report     Technical submission

Title & Description:	Material submittal for supply and installation of mirror (G-001) Entrance Lobby, Typical Corridor & <del>Elevator</del> Including MT-004 and complete mirror system	Spec. Sec. & Clause: 2022012-B01-HIS-GE-SPI-0002 & 2022012-B01-HIS-GE-SP-I-0002 BATHROOM MIRROR GL-001 ,L-ANGLE MT-004
Purpose & Location:	MIRROR ENTRANCE LOBBY, TYPICAL CORRIDOR & <del>ELEVATOR</del>	
Manufacturer/Supplier:	FEBTECH GLASS LLC <span style="border: 1px solid red; padding: 2px;">Excluded. Part of Lift Manufacturer Scope</span>	<input type="checkbox"/> Sample attached
Sub Contractor:	FEBTECH GLASS LLC	
Country of Origin:	Refer to attached list of materials(Ksa,Thailand,India,Uae, Malaysia)	<input type="checkbox"/> Sample Only submittal

*Contractor Statement: We certify that the documents submitted herewith has been reviewed in details and is in compliance with the contract drawings and specifications except as otherwise stated here above.*


Submitted by Contractor			Received by Consultant
QA / QC Manager	Technical Manager	Project Manager	
			

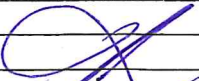
**Engineer's Comments:**

Architecture: Approved with Comments  
 The proposed Material submittal G-001 Mirror System from M/s Febtech is found acceptable subject to full compliance with Project Specifications, Design Intent and below Engineer's Comments

- 1- Refer to remarks on the Contractor's response to Engineer comments on revision 0 submittal.
- 2- Proposed SW 209 Mirror Edge Sealant from Sprayway is acceptable subject to compatibility with mirror coatings.
- 3- Test reports provided are all noted. However, Contractor to confirm that the same performance values on the tested Silver Mirrors from Mirotech is applicable to the proposed Bronze Tinted Mirrors.
- 4- Data sheet for PVD Coating of the SS Mirror frame is still pending. To be submitted and is mandatory for final approval.
- 5- Strip Light Behind Mirror is not part of M/s Febtech Scope of work. Main Contractor to coordinate with MEP team accordingly and submit relevant material for Engineer's review and approval.
- 6- Submitted Corner Sample quality is not acceptable. Must submit acceptable corner sample prior to proceed with fabrications.
- 7- Proposed 10 years warranty period from TOC is accepted.

Code A       Code B       Code C       Code D       Code E

Reviewed / Confirmed by	Structural	Architectural/ID	Mechanical	Electrical	HSE	Others
Name/Signature						
Date		Arjay Cempron 13-08-2025				
EMAAR <input checked="" type="checkbox"/>						
Subconsultant <input checked="" type="checkbox"/>						

M.H (Sr. Resident Engineer - MLD)            Date **13/8/2025**

*Note: Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with design concept of the project and general compliance with information given in the contract documents without design liability.*

Approval Codes: **A**-Approved    **B**-Approved with comments    **C**-Not Approved (Re-submit within 14 days)  
**D**-Incomplete, Resubmit    **E**-Submitted for Information (No approval required)

**AI Sahel Contracting Co. L.L.C.**

**13 AUG 2025 / 11:00am**

Sign.: .....(Abbrev.)

 **RECEIVED**

The Employer: <b>EMAAR</b> EMAAR Development PJSC	The Engineer: <b>mirage</b> Engineering & Construction PJSC P.O. Box 25001, Dubai, UAE Tel: +971 4 4571111   www.mirage.ae	The Contractor:  M/s. Al Sahel Contracting Co. LLC
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## Document Submittal

### Sea Point (PLOT Z02.B01), Dubai, UAE

Submittal Ref.No. **B01-ASC-MAS-ARC-0039**      Rev. No. **02**      Date: **10 June 2025**

**Discipline**       STR     ARC     MECH     ELEC     PLUM     OTHERS

**Enclosure:**     Pre-Qualification     Material     Method Statements     Calculation     Shop Drawings


Test Results     O&M Manual     Alternative Material (specify material superseded)     Others (specify)

Weekly / Monthly report     Technical submission

Title & Description:	Material submittal for supply and installation of Shower glass partition @ FOH (Apartment)	Spec. Sec. & Clause: 2022012-B01-PHD-GE-SC-I-0001, 2022012-B01-PHD-GE-SC-I-0003 Shower glass GL-103, U-Channel MT 101, IR15, 16, 17, 18 & 19 (ACCESSORIES)
Purpose & Location:	FOH, APARTMENT Ref to Attached 2022012-A03-PHD-GE-SP-I-0003	
Manufacturer/Supplier:	FEBTECH GLASS LLC	
Sub Contractor:	FEBTECH GLASS LLC	
Country of Origin:	Refer to attached list of materials (India, UK, Malaysia)	

Sample attached  
 No Sample resubmitted. Refer to rev.01 comments  
 Sample Only submittal

*Contractor Statement: We certify that the documents submitted herewith has been reviewed in details and is in compliance with the contract drawings and specifications except as otherwise stated here above.*

Submitted by Contractor			Received by Consultant
QA / QC Manager	Technical Manager	Project Manager	 Consultant Stamp
<i>J. K. B. M.</i>	<i>M. H. M.</i>	<i>[Signature]</i>	

**Engineer's Comments:**

Architecture Comments: Approved with Comments

- 1- All item marked as "Noted" on the previous revision Engineer's Commnted Sompliance Statement shall be complied. Refer to the remarks on the attached Compliance Statement.
- 2- All required certificates, calculations, etc. to be fulfilled prior to Fabrication, Delivery, and Installation.
- 3- Subject to Mock-Up Apartment (FIP) for final review and approval.
- 4- Coordination with related scope of works shall be the responsibility of the Main Contractor.
- 5- Proposed Draft Warranty Duration for Material and Installation is acceptable. However, it is required to attached Manufacturer's Warranties for the Glass, Hardware and Accessories on the final submission. All conditions shall be reviewed on the Final Warranty submission stage.

*Obtain Mock-up Approval / FIP*

Code A     Code B     Code C     Code D     Code E

Reviewed / Confirmed by	Structural	Architectural/ID	Mechanical	Electrical	HSE	Others
Name/Signature		<i>[Signature]</i>				
Date		Arjay Cempron 29-07-2025				
EMAAR ✓						
Subconsultant ✓						

**M.H (Sr. Resident Engineer - MLD)**      *[Signature]*      Date **30/7/25**

*Note: Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with design concept of the project and general compliance with information given in the contract documents without design liability.*

Approval Codes: **A**-Approved    **B**-Approved with comments    **C**-Not Approved (Re-submit within 14 days)  
**D**-Incomplete, Resubmit    **E**-Submitted for Information (No approval required)

**AI Sahel Contracting Co. L.L.C.**

**30 JUL 2025 / 04:00pm**


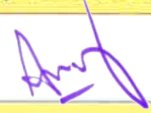
Sign.: ..... (Abbrev.)

 **RECEIVED**

Doc No. C5032-MAT-2RD0259-AR-0000094(4)

Confidential  Yes  No

**To Be Completed By the Engineer**

Reviewer Name	Position	Comments	Signature	Date
Chris Peters	Architect	Contractor to comply with Material reference (clear glass) attached. No technical objection.		17.09.25
Akmal Ghuman QA/QC		* Contractor to comply with all the comments in the material submittal. * MIR to be submit along with all the in-house test reports and QC check. * Mock up to be prepare for the Engineer's approval.d		
				Approved with Comments Mr Akmal Ghuman - Kling Consult GmbH (Dubai Branch) Sep 17, 2025, 11:35 AM GMT+4:00
Approver Name	Position	Comments	Signature & Stap	Date
<b>Mr. Mohammed Aarif Shaikh</b>	<b>Resident Engineer</b>			29-09-2025
Engineer's Comments				

**Compliance against the Programme Assurance Standards:**

- Full Compliant  
 Part Compliant – Reasons: \_\_\_\_\_  
 Not Compliant – Reasons: \_\_\_\_\_

**Material Approval Status:**

- Approved  
 Approved with Comments (Refer Engineer's Comments Above)  
 Rejected

**FOR ECD**

contractor to match the provided sample approved by ECD top management, as per the contractual specification sheet stamped by both Client & Contractor, inserted herewith for ease, refer slide 6. Low Iron Ultra Clear Glass Shower partitions to be installed in Standalone FIP & Duet FIP, clear glass to be installed in TH FIP for ECD's management assessment.





## MATERIAL APPROVAL REQUEST (MAR) FORM

Doc No. C5032-MAT-2RD0259-AR-0000095(4)

Confidential  Yes  No

<b>Project Name</b>	Expo Valley Villas & Town Houses	<b>Project Ref. No.</b>	C5032
<b>Contract No.</b>	C5032	<b>Contractor Name</b>	Ginco General Contracting L.L.C
<b>Contract</b>	Expo Valley Villas & Townhouses Main Contractor		
<b>Date</b>	14 September 2025	<b>Engineer</b>	Kling Consult GmbH & Co. International KG
<b>Material Details</b>			
<b>Name</b>	<b>Model Number</b>	<b>Supplier</b>	
Shower Glass Partition (Sample)	-	M/s. FEB TECH GLASS WORKS L.L.C	
<b>Manufacturer</b>	<b>Country of Origin</b>	<b>Sample Location</b>	
M/s. FEB TECH GLASS WORKS L.L.C	U. A. E	Along with Submittal	
<b>Description</b>		<b>Drawing Reference</b>	
Material Approval for Shower Glass Partition (Standalone Villa)		ID Drawings	
<b>Specification</b>		<b>Discipline</b>	
088000 Glazing		Architectural	
<b>Attachments</b>	<b>Yes/ No</b>	<b>Comments</b>	
Related IFC Drawings (or Standard Drawing from Authority/s), Specifications and BOQ + Relevant Standard	-	-	
Technical Literature/Data Sheet	-	-	
Material/Lab Test Certificate	-	-	
Previous Test Results (In-house & Third Party)	-	-	
ISO 9001, ISO 14001 & OHSAS 18001 Certificates (+ any additional quality certifications)	-	-	
Trade or Commercial Licence	-	-	
Certificate of Compliance (For Individual Material)	-	-	



**To Be Completed By the Engineer**

Reviewer Name	Position	Comments	Signature	Date
Wernher Dela Cruz Arch.	General comments: 1. Glass (10 mm thk. - Guardian) 2. 1mm thk U-channel 3. Glass to Glass Hinges 4. Shower door handle 5. Lip seal 6. Sealant	-No Objection, shower partition glass shall be in one single source  -Resubmit thicker profile -No Objection -No Objection -Provide another sample -Sealant must be in the vendor's list or provide the necessary certifications.		
	Other Comments: * Compliance to all Authority regulations, project specifications and requirements * Warranty shall be as per project contract. * Subject to mock up Employer's & Engineer's approval			03/07/25
Akmal Ghuman	QA/QC Manager	No objection subject to comply with all the comments		03/07/25
			Approved with Comments Mr Akmal Ghuman - Kling Consult GmbH (Dubai Branch) Jul 4, 2025, 8:15 AM GMT+4:00	
Approver Name	Position	Comments	Signature & Stap	Date
Mr. Ammar Alrubaie	Sr. Resident Engineer			04-07-2025
Engineer's Comments				

**Compliance against the Programme Assurance Standards:**

- Full Compliant  
 Part Compliant – Reasons:   
 Not Compliant – Reasons:

**Material Approval Status:**

- Approved  
 Approved with Comments (Refer Engineer's Comments Above)  
 Rejected



To Be Completed By the Engineer

Reviewer Name	Position	Comments	Signature	Date
Wernher Dela Cruz Arch.	General comments: 1. Glass (10 mm thk. - Guardian) 2. 1mm thk U-channel 3. Glass to Glass Hinges 4. Shower door handle 5. Lip seal 6. Sealant	-No Objection, shower partition glass shall be in one single source -Resubmit thicker profile in champagne gold finish -Resubmit in champagne gold finish -Resubmit in champagne gold finish -Provide another sample -Sealant must be in the vendor's list or provide the necessary certifications.		
	Other Comments: * Compliance to all Authority regulations, project specifications and requirements * Warranty shall be as per project contract. * Subject to mock up Employer's & Engineer's approval			03/07/25
Akmal Ghuman	QA/QC Manager	No objection subject to comply with all the above comments.		
			Approved with Comments Mr Akmal Ghuman - Kling Consult GmbH (Dubai Branch) Jul 3, 2025, 10:35 AM GMT+4:00	
Approver Name	Position	Comments	Signature & Stap	Date
Mr. Ammar Alrubaie	Sr. Resident Engineer			03-07-2025
Engineer's Comments				

**Compliance against the Programme Assurance Standards:**

- Full Compliant  
 Part Compliant – Reasons: Specify here  
 Not Compliant – Reasons: Specify here

**Material Approval Status:**

- Approved  
 Approved with Comments (Refer Engineer's Comments Above)  
 Rejected

<b>The Employer:</b>  EMAAR Development PJSC	<b>The Engineer:</b>  <small>Mirage is a registered trademark of Mirage LLC. All rights reserved. © 2015 Mirage LLC. All rights reserved.</small>	<b>The Contractor:</b>  M/s. Al Sahel Contracting Co. LLC
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## Document Submittal

Sea Point (PLOT Z02.B01), Dubai, UAE

**Submittal Ref.No.** B01-ASC-MAS-ARC-0029      **Rev. No.** 02      **Date:** 14 June 2025

**Discipline**       STR     ARC     MECH     ELEC     PLUM     OTHERS


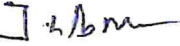

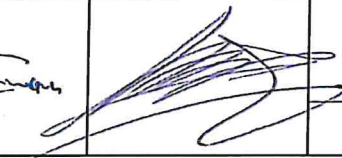
**Enclosure:**     Pre-Qualification     Material     Method Statements     Calculati     Shop Drawings

Test Results     O&M Manual     Alternative Material (specify material superseded)     Others (specify)

Weekly / Monthly report     Technical submission

Title & Description:	Material Submittal for Supply and Apply of Vanity Mirrors GL-101 (Apartment & Secondary Bathroom including Trim MT-104 And Complete Mirror system	Spec. Sec. & Clause: Ifc Specification Ref: 2022012-B01-PHD-GE-SC-I-0001 , GL-101 and MT-104
Purpose & Location:	Mirror / Washroom areas (Apartment & Public Area)	
Manufacturer/Supplier:	Febtech Glass Work LLC	<input checked="" type="checkbox"/> Sample attached
Sub Contractor:	Febtech Glass Work LLC	
Country of Origin:	Refer to attached list of Materials (KSA - THAILAND - INDIA - UAE - CHINA - MALAYSIA)	<input type="checkbox"/> Sample Only submittal


**Contractor Statement:** We certify that the documents submitted herewith has been reviewed in details and is in compliance with the contract drawings and specifications except as otherwise stated here above.


Submitted by Contractor			 <p>Received by Consultant</p> <p>RECEIVED</p> <p>16 JUNE 2025</p> <p>Mirage Lease and Development L.L.C</p> <p>Sea Point</p> <p>Consultant Stamp</p>
QA / QC Manager	Technical Manager	Project Manager	
			

**Engineer's Comments:**

Architecture: Approved with Comments  
1- Refer to attached Engineer's Comment Sheet.

Code A     Code B     Code C     Code D     Code E

Reviewed / Confirmed by	Structural	Architectural/ID	Mechanical	Electrical	HSE	Others
Name/Signature						
Date		Arjay Cempron 23-06-2025				
EMAAR ✓						
Subconsultant ✓						

**M.H (Sr. Resident Engineer - MLD)**            Date **23/6/2025**

Note: Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with design concept of the project and general compliance with information given in the contract documents without design liability.

Approval Codes: **A**-Approved    **B**-Approved with comments    **C**-Not Approved (Re-submit within 14 days)  
**D**-Incomplete, Resubmit    **E**-Submitted for Information (No approval required)

Al Sahel Contracting Co. L.L.C.

20/Nov/23

24 JUN 2025 / 9:17am

Sign.: ..... (Abbrev.)

RECEIVED

EMAAR **mirage**  
RECEIVED  
28 JUN 2025

BARAJEEL  
ENGINEERING CONSULTANTS  
البراجيل للإستشارات الهندسية

RECEIVED  
19 JUN 2025  
Ginco General Contracting LLC  
MIRAGE LEISURE AND DEVELOPMENT

**MATERIAL APPROVAL SUBMITTAL**

<b>Project:</b>	ARABIAN RANCHES III – Phase 4A (RAYA) – G+1 Townhouses-240 nos. +1 no. Guardhouse + 1no. Clubhouse	<b>Employer:</b>	M/s. Emaar Development PJSC
<b>Engineer:</b>	M/s. Mirage Leisure and Development	<b>Contractor:</b>	M/s. Ginco General Contracting LLC

<b>Discipline</b>	STR	ARC	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b>	ARIII4A-GGC-ARC-MAS-103	<b>Rev.</b>	00
<b>Location</b> (Specify Phase)	Phase 4A-RAYA- Club House						<b>Unifier Record No.</b>	S03-1318		
							<b>Date</b>	19-Jun-25		

**LIST OF SUBMITTED ITEMS:**

Item	Description	No. of Copies	Remarks
1	Material Submittal for Shower -Club House	1 Hard & 1 Soft Copy	
Manufacturer	M/s. Feb Tech Glass Works LLC	Sample: <input type="checkbox"/>	
Supplier	M/s. Feb Tech Glass Works LLC	Work Of Scope	
REF. SPEC(s):		REF. DWG(s):	

**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

<b>QA/QC Engineer</b> 	<b>Technical Manager</b>	<b>Projects Director /Project Manager</b> 
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**ENGINEER'S COMMENTS**

A  B  C  D  E

① No objection as this material & Manufacturer is already approved for RAYA Townhouses

② Submit a miniature sample for DSR with all accessories for mock up approved using approved accessories in the town house

**Reviewer's Name:** Resident Engineer  
**Signature and Date:** 26/6/25  
**Comments Sheet Attached:** Yes  No

**EMPLOYER'S REPRESENTATIVE COMMENTS**

A  B  C  D  E

No objection as per Engineer's recommendation & comments

**Name & Signature:**   
**Date:** 26/6/2025

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

RECEIVED  
30 JUN 2025  
G-155  
GINCO GEN CONTR LLC

**MATERIAL APPROVAL SUBMITTAL**

<b>Project:</b> ARABIAN RANCHES III – Phase 4A (RAYA) – G+1 Townhouses-240 nos. +1 no. Guardhouse + 1no. Clubhouse	<b>Employer:</b> M/s. Emaar Development PJSC
<b>Engineer:</b> M/s. Mirage Leisure and Development	<b>Contractor:</b> M/s. Genco General Contracting LLC

<b>Discipline</b>	STR	ARC	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b> ARIII4A-GGC-ARC-MAS-0148	<b>Rev.</b> 02
<b>Location</b> (Specify Phase)	Phase 4A-RAYA						<b>Unifier Record No.</b> SW3-000749	<b>Date</b> 13-Nov-24

**LIST OF SUBMITTED ITEMS:**

Item	Description	No. of Copies	Remarks
1	Material submittal for Shower Glass Partition	1 Hard & 1 Soft Copy	Subject to Cost Impact ( Letter Ref:-MLD-ARIII4A-GGC-LTR-00212 FOR VO-14)
Manufacturer	M/s. Feb Tech Glass Works LLC	Sample: <input checked="" type="checkbox"/>	
Supplier	M/s. Feb Tech Glass Works LLC		
REF. SPEC(s):		REF. DWG(s):	



**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

<b>QA/QC Engineer</b> <i>[Signature]</i>	<b>Technical Manager</b>	<b>Projects Director / Project Manager</b> <i>[Signature]</i>
---	--------------------------	--

**ENGINEER'S COMMENTS**

A  B  C  D  E

- Contractor to Provide Alternative Proposals for shower enclosure Door Handle for Engineer's Review & Selection.
- Contractor to "stick to ALL Comments Addressed on Rev 01" for Glass / sealant and All Related Comments
- See the comments on the sample photo herewith

**Reviewer's Name:** Hamid **Signature and Date:** *[Signature]* 14/11/24  
**Resident Engineer**  
**Signature and Date:** *[Signature]* 15/11/24

**Comments Sheet Attached:** Yes  No

**EMPLOYER'S REPRESENTATIVE COMMENTS**




A  B  C  D  E

- No objection as per Engineer's comments.
- Submit samples/options of handles for selection.
- Identify the source of material & All accessories must be of Brush finish

**Name & Signature:** *[Signature]* **Date:** 15/11/2024

**Note:** The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record

<b>The Employer:</b>  EMAAR Development PJSC	<b>The Engineer:</b>  <small>Mirage is a subsidiary of EMAAR Development PJSC, Dubai, UAE</small>	<b>The Contractor:</b>  M/s. Al Sahel Contracting Co. LLC
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**Document Submittal**  
**Sea Point (PLOT Z02.B01), Dubai, UAE**

**Submittal Ref.No. B01-ASC-MAS-ARC-0039      Rev. No. 01      Date: 10 June 2025**

**Discipline**     STR     ARC     MECH     ELEC     PLUM     OTHERS

**Enclosure:**     Pre-Qualification     Material     Method Statements     Calculation     Shop Drawings

Test Results     O&M Manual     Alternative Material (specify material superseded)     Others (specify)

Weekly / Monthly report     Technical submission

Title & Description:	Material Submittal for Supply and Apply for Shower Glass Partition at FOH (Apartment & Public Area)??	Spec. Sec. & Clause: 2022012-B01-PHD-GE-SC-I-0001,2022012-B01-PHD-GE-SC-I-0003 , Shower glass GL-103 ,U-Channel MT-101,IR15,16,17,18 & 19 (ACCESSORIES)
Purpose & Location:	FOH , Apartment and Public Area Refer to Attached 2022012-A03-PHD-GE- SP-I-0003	
Manufacturer/Supplier:	FEBTECH GLASS LLC	<input checked="" type="checkbox"/> Sample attached
Sub Contractor:	FEBTECH GLASS LLC	
Country of Origin:	Refer to Material List ( <del>Turkey</del> , India , UK , Malaysia )	<input type="checkbox"/> Sample Only submittal

*Contractor Statement: We certify that the documents submitted herewith has been reviewed in details and is in compliance with the contract drawings and specifications except as otherwise stated here above.*

Submitted by Contractor			Received by Consultant	
QA / QC Manager	Technical Manager	Project Manager		
<i>J. L. Lim</i>	<i>M. J. ...</i>	<i>[Signature]</i>		

**Engineer's Comments:**

ARCHITECTURE: Approved with Comments  
 - Refer to attached Engineer's Comment Sheet

B+R

Code A     Code B + Resubmit     Code C     Code D     Code E

Reviewed / Confirmed by	Structural	Architectural/ID	Mechanical	Electrical	HSE	Others
Name: Signature		<i>[Signature]</i>				
Date		Arjay Cempron 24-06-2025				
EMAAR <input checked="" type="checkbox"/>						
Subconsultant <input checked="" type="checkbox"/>						

**M.H (Sr. Resident Engineer - MLD)**      Date *24/6/2025*


*Note: Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with design concept of the project and general compliance with information given in the contract documents without design liability.*

Approval Codes: **A**-Approved    **B**-Approved with comments    **C**-Not Approved (Re-submit within 14 days)  
**D**-Incomplete, Resubmit    **E**-Submitted for Information (No approval required)

**AI Sahel Contracting Co. L.L.C.**

25 JUN 2025 / 6:30am

Sign.: ..... (Abbrev.)

 **RECEIVED**

**Project: The Peninsula @ Business Bay, Plot C, Dubai, UAE**  
**Client - Select Global Development LLC on behalf of Capitol 4 Limited**

*Pradeep*  
*14*

<b>Client</b>	<b>Consultant</b>	<b>Contractor</b>

**MATERIAL APPROVAL APPLICATION**

Date of submission 10/06/2025      Submission No.: **ABM-MT-CIV-00145**      Rev. 01

**Discipline:**  Architecture    Structure    Interior Design    Landscape    Electrical    Mechanical    Plumbing    Firefighting    HVAC  
 ELV    Others

Description : 1.2mm thick SS Mirror Frame in Chrome finish & 12mm thick MR MDF Mirror Backing Apartments at Tower A & B	Item specified in Tender Document: T-MT.004: Nickel Brushed Metal Nickel Hairline Metal, Thickness: 0.8mm Finish: Satin	Item proposed by Contractor: 1.2mm thick SS Mirror Frame in Chrome finish & 12mm thick MR MDF Mirror Backing Apartments at Tower A & B Same as Plot D (Refer SG Comments in IR Ref.ABM-WIR-ARC-0891- (Rev.01)
--	--	---

<input type="checkbox"/> Specified	<input type="checkbox"/> Equivalent /Alternative	<input checked="" type="checkbox"/> Deviation	<input type="checkbox"/> Not specified/NA
<input type="checkbox"/> As per Vendor	<input type="checkbox"/> Not as per Vendor	<input type="checkbox"/> Approved in Plot D/F	<input type="checkbox"/> Information

**Samples**    Enclosed    At Site    Not Available  

Location to be used: Tower Apt. (A & B) - Apartments above Vanity Counter.

Specification Ref.: The Peninsula, Plot-C Hard Finishes Schedule  
 Drawing Ref.: 4683-OPL-TWR-ZZ-D-ID-TAT-603

Name & Address of Manufacturer: M/s.S.Kijchai Enterprise/ Three Zone	Tel: + 04 457 7430, +65 6879 2200, 06 523 2079, 055 195 7591 Fax: Email: sales@threezonedxb.com
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Name & Address of Local Agent: M/s. FEB Tech Glass Works LLC P.O.Box.235918, Dubai U.A.E	Tel: +971 4 2662292 Fax: +971 4 2367940 Email: info@febtechuae.com
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Contractor: M/s. Al Basti & Muktha LLC	Originator: <i>Pradeep</i> <i>P. Gupta</i> <i>15 JUN 2025</i>	Name: Baiju Ramachandran Designation: Sr. Project Manager Sign: <i>[Signature]</i>
---	--	--

Received by Consultant: Dubai Consultants	Name: Pradeep Gupta Designation: Sr. Project Manager Sign: <i>[Signature]</i>
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**DUBAI CONSULTANTS RECEIVED**  
**11 JUN 2025**  
 Sign: *[Signature]*

**Consultant's Comments:**  
*Refer comment attached*

<b>Dubai Consultants</b> Architects Engineers Design Consultants P.O. Box 81385 Dubai, UAE T +971 4 3262431 F + 971 4 3262437 www.dubaiconsultants.ae	<table border="1"> <tr> <th>Cat</th> <th>Approval Status</th> </tr> <tr> <td><input type="checkbox"/> A</td> <td>Approved</td> </tr> <tr> <td><input checked="" type="checkbox"/> B</td> <td>Approved with Comments</td> </tr> <tr> <td><input type="checkbox"/> C</td> <td>Revise &amp; Resubmit</td> </tr> <tr> <td><input type="checkbox"/> D</td> <td>Rejected</td> </tr> <tr> <td>Reviewed By: <i>[Signature]</i></td> <td>Sign: _____</td> </tr> </table>	Cat	Approval Status	<input type="checkbox"/> A	Approved	<input checked="" type="checkbox"/> B	Approved with Comments	<input type="checkbox"/> C	Revise & Resubmit	<input type="checkbox"/> D	Rejected	Reviewed By: <i>[Signature]</i>	Sign: _____
Cat	Approval Status												
<input type="checkbox"/> A	Approved												
<input checked="" type="checkbox"/> B	Approved with Comments												
<input type="checkbox"/> C	Revise & Resubmit												
<input type="checkbox"/> D	Rejected												
Reviewed By: <i>[Signature]</i>	Sign: _____												

**Client's Comments :**

<input type="checkbox"/> A - Approved	<i>16/06/25</i>
<input checked="" type="checkbox"/> B - Approved with comments	<i>13 June 2025</i>
<input type="checkbox"/> C - Rejected	
<input type="checkbox"/> D - Information & record	

Reviewed by SG : _____	Date : _____
ABM	Date : _____

20 MAY 2024

EMAAR

RECEIVED

mirage

RECEIVED  
20 MAY 2024



MATERIAL APPROVAL SUBMITTAL

<b>Project:</b> ARABIAN RANCHES III – Phase 4A (RAYA) – G+1 Townhouses-240 nos. +1 no. Guardhouse + 1no. Clubhouse	<b>Employer:</b> M/s. Emaar Development PJSC
<b>Engineer:</b> M/s. Mirage Leisure and Development	<b>Contractor:</b> M/s. Ginco General Contracting LLC

<b>Discipline</b>	STR	ARC	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b> AR1114A-GGC-ARC-MAS-049	<b>Rev.</b> 01
<b>Location</b> (Specify Phase)	Phase 4A-RAYA						<b>Unifier Record No.</b> SUB-000757	
							<b>Date</b> 06-May-24	

LIST OF SUBMITTED ITEMS:

Item	Description	No. of Copies	Remarks
1	Material submittal for MIRROR	1 Hard & 1 Soft Copy	 G-155 GINCO GEN CONTR LLC MIRROR
<b>Manufacturer</b>	M/s. FEB TECH Glass Works LLC	<b>Sample:</b> <input checked="" type="checkbox"/>	
<b>Supplier</b>	M/s. FEB TECH Glass Works LLC	<b>Work Of Scope</b>	
<b>REF. SPEC(s):</b>		<b>REF. DWG(s):</b>	

**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

<b>QA/QC Engineer</b> 	<b>Technical Manager</b>	<b>Projects Director / Project Manager</b> 
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ENGINEER'S COMMENTS

A  B  C  D  E

- As per the workshop meeting with the supplier, The proposed mirror with specified safety film is accepted which is similar across All Arabian ranches III projects. However the commercial impact due to omission of tempering shall be dealt separately.
- Please provide pressure sensitive adhesive for the mirrors as specified.
- Ensure Edge sealant as per appendix 3 is complied and submit evidential documents during each delivery. MIR shall be raised and approved by the Engineer to confirm the above requirements.

**Reviewer's Name:** GIRISA - **Signature and Date:** 16/05/24

**Resident Engineer**

**Signature and Date:** 16/05/24

**Comments Sheet Attached:** Yes  No

**EMPLOYER'S REPRESENTATIVE COMMENTS** A  B  C  D  E

No objection as per Engineer's recommendation, subject to approval of mock up.

**Name & Signature:** **Date:** 20/5/2024

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be fully responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.A of Conditions of Contract.

Emaar Development PJSC  
Arabian Ranches 3  
03 APR 2024

RECEIVED  
02 APR 2024


**EMAAR** **mirage**

**MATERIAL APPROVAL SUBMITTAL**

<b>Project:</b> ARABIAN RANCHES III – Phase 4A (RAYA) – G+1 Townhouses-240 nos. +1 no. Guardhouse + 1no. Clubhouse	<b>Employer:</b> M/s. Emaar Development PJSC
<b>Engineer:</b> M/s. Mirage Leisure and Development	<b>Contractor:</b> M/s. Ginco General Contracting LLC

<b>Discipline</b>	STR	ARC	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b> ARIII4A-GGC-ARC-MAS-049	<b>Rev.</b> 00
<b>Location</b> (Specify Phase)	Phase 4A-RAYA					<b>Unifier Record No.</b>	SUB-00757	
						<b>Date</b>	03-Apr-24	

**LIST OF SUBMITTED ITEMS:**

Item	Description	No. of Copies	Remarks
1	Material submittal for MIRROR	1 Hard & 1 Soft Copy	
<b>Manufacturer</b>	M/s. FEB TECH Glass Works LLC	Sample: <input checked="" type="checkbox"/>	
<b>Supplier</b>	M/s. FEB TECH Glass Works LLC	Work Of Scope	
<b>REF. SPEC(s):</b>		REF. DWG(s):	

**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

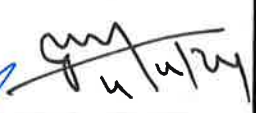
<b>QA/QC Engineer</b> 	<b>Technical Manager</b>	<b>Projects Director / Project Manager</b> 
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**ENGINEER'S COMMENTS**

A  B  C  D  E

- Submit specification compliance to Specs section 088300. Mirror should be low iron and tempered.
- Should have film backing with pressure sensitive adhesive compatible with backing paint. Submit test reports.
- Compliance to ASTM C 1048 and 16 CFR -1201 Category II for Safety glazing product requirement.
- Compliance to ASTM C 1503 manufactured using copper free, low-lead coating process.
- Edge sealant coating as per specification requirement shall be complied.

Submit samples and TDS to comply above specification requirements.

  
4/24/24

**Reviewer's Name:**  **Signature and Date:** GURSHI 4-03/04/24

**Resident Engineer**  
**Signature and Date:**  **Comments Sheet Attached:** Yes  No

**EMPLOYER'S REPRESENTATIVE COMMENTS** A  B  C  D  E

As per Engineer's recommendation

**Name & Signature:**  **Date:** 5/4/24

**Note:** The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.



**CP.04-005-MATERIAL SAMPLE SUBMITTAL - LOW IRON FLUTED GLASS (SANDBLASTED) - A-GL-05/06 FOR MASTER BATHROOM SHOWER GLASS WITH SS MIRROR FINISH FRAME (M/s. Fe**

<b>Project Name:</b>	Azizi Riviera Phase 4	<b>Project Code:</b>	1084P4
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P4-GBC-WF476422
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	04/06/2025
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Interior Design - ID	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	360-1084.CP.04 -MAT-GE-ID.GE-185-00

Sub-contractor	Manufacturer	Supplier
	M/s. FEBTECH GLASS WORKS	M/s. FEBTECH GLASS WORKS

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P4-GBC-R55-ALS-ID-SAM-0004</a>	00	CP.04-005-MATERIAL SAMPLE SUBMITTAL - LOW IRON FLUTED GLASS (SANDBLASTED) - A-GL-0506 FOR MASTER BATHROOM SHOWER GLASS WITH SS MIRROR FINISH FRAME (M/s. Febtech)	Sample Approval	Approved as Noted

<b>Final Review and Comments</b>			
1- Refer to DAT - ID comments 2- Subject to mockup approval 3- Full Material submission will submit & approved separately			
Submittal Status:	<b>Completed</b>	Date:	<b>09/06/2025</b>

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.



**CP.04-005-MATERIAL SAMPLE SUBMITTAL - LOW IRON FLUTED GLASS (SANDBLASTED) - A-GL-05/06 FOR MASTER BATHROOM SHOWER GLASS WITH SS MIRROR FINISH FRAME (M/s. Febtech)**

CTO Review

STATUS: Completed

**APPROVER:** Romel Manliguez (360)

**ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-ALS-ID-SAM-0004</a>	CP.04-005-MATERIAL SAMPLE SUBMITTAL - LOW IRON FLUTED GLASS (SANDBLASTED ) - A-GL-0506 FOR MASTER BATHROOM SHOWER GLASS WITH SS MIRROR FINISH FRAME (M/s. Febtech)	Sample Approval	00	Ok to Proceed	04/06/2025	

**Comments:**

CTO Review

STATUS: Completed

**APPROVER:** Rouchel Restor (360)

**ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-ALS-ID-SAM-0004</a>	CP.04-005-MATERIAL SAMPLE SUBMITTAL - LOW IRON FLUTED GLASS (SANDBLASTED ) - A-GL-0506 FOR MASTER BATHROOM SHOWER GLASS WITH SS MIRROR FINISH FRAME (M/s. Febtech)	Sample Approval	00	Approved as Noted	04/06/2025	

**Comments:** No objection to the materials; the final look and feel are subject to confirmation by the designer

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-005-MATERIAL SAMPLE SUBMITTAL - LOW IRON FLUTED GLASS (SANDBLASTED) - A-GL-05/06 FOR MASTER BATHROOM SHOWER GLASS WITH SS MIRROR FINISH FRAME (M/s. Febtech)**

CTO Review

STATUS: Completed

**APPROVER:** Mary Gonzales (360D)

**ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-ALS-ID-SAM-0004</a>	CP.04-005-MATERIAL SAMPLE SUBMITTAL - LOW IRON FLUTED GLASS (SANDBLASTED ) - A-GL-0506 FOR MASTER BATHROOM SHOWER GLASS WITH SS MIRROR FINISH FRAME (M/s. Febtech)	Sample Approval	00	Approved	04/06/2025	

**Comments:** Please see attached response from ID team.

CTO - Technical Manager - Material

STATUS: Completed

**APPROVER:** Saleem Zayyad (360)

**ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-ALS-ID-SAM-0004</a>	CP.04-005-MATERIAL SAMPLE SUBMITTAL - LOW IRON FLUTED GLASS (SANDBLASTED ) - A-GL-0506 FOR MASTER BATHROOM SHOWER GLASS WITH SS MIRROR FINISH FRAME (M/s. Febtech)	Sample Approval	00	Approved as Noted	04/06/2025	

**Comments:**  
 1- Refer to DAT - ID comments  
 2- Subject to mockup approval  
 3- Full Material submission will submit & approved separately

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR MIRROR ( A-MI-02 ) FOR PENTHOUSE BLD.05**

<b>Project Name:</b>	Azizi Riviera Phase 4	<b>Project Code:</b>	1084P4
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P4-GBC-WF457257
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	09/05/2025
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	MIRRORS
<b>Discipline:</b>	Interior Design - ID	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	360-1084.XXX -MAT-GE-AR.GE-167-00

Sub-contractor	Manufacturer	Supplier
	M/s. Febtech	M/s. Febtech

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P4-GBC-R55-26R-ID-MAR-0001</a>	00	MATERIAL SUBMITTAL AND SAMPLE FOR MIRROR ( A-MI-02 ) FOR PENTHOUSE BLD.05	Material Submittal	Approved as Noted

**Final Review and Comments**

Refer to Engineer comments

Submittal Status: **Completed** Date: **13/05/2025**

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR MIRROR ( A-MI-02 ) FOR PENTHOUSE BLD.05**

**CTO Review** **STATUS: Completed**

**APPROVER:** Romel Manliguez (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-26R-ID-MAR-0001</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MIRROR ( A-MI-02 ) FOR PENTHOUSE BLD.05	Material Submittal	00	Approved	09/05/2025	

**Comments:**

**CTO Review** **STATUS: Completed**

**APPROVER:** Kashif Ahmed (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-26R-ID-MAR-0001</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MIRROR ( A-MI-02 ) FOR PENTHOUSE BLD.05	Material Submittal	00	Approved	09/05/2025	

**Comments:**

**CTO Review** **STATUS: Completed**

**APPROVER:** Rouchel Restor (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-26R-ID-MAR-0001</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MIRROR ( A-MI-02 ) FOR PENTHOUSE BLD.05	Material Submittal	00	Approved as Noted	09/05/2025	

**Comments:**  
1. No objection for the materials  
2. Final approval subject to mock up inspection at site

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR MIRROR ( A-MI-02 ) FOR PENTHOUSE BLD.05

CTO - Technical Manager - Material

STATUS: Completed

APPROVER: Saleem Zayyad (360)

ESCALATION:

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-R55-26R-ID-MAR-0001</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MIRROR ( A-MI-02 ) FOR PENTHOUSE BLD.05	Material Submittal	00	Approved as Noted	13/05/2025	

Comments: Refer to Engineer comments

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.



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MATERIAL APPROVAL SUBMITTAL

Project: The Valley Development - Rivana (NH07) 486 TOWNHOUSES, CLUB HOUSE & GUARD HOUSE, Dubai - UAE	Employer: M/s. Emaar Development PJSC
Engineer: M/s. Mirage Leisure and Development	Contractor: GCC CONTRACTING CO LLC ( Br of Ginco Sharjah)

Discipline	STR	ARC	MEC	ELE	HVAC	Other:	Submittal Ref. No.	NH07-GCC-ARC-MAS-0128	Rev.00
Location	The Valley – Rivana (486 Townhouses, Club House and Guard House)						Unifier Record No.	Sub. No. 002198	
(Specify Phase)							Date	22-Apr-25	

LIST OF SUBMITTED ITEMS:

Item	Description	Nb. of Copies	Remarks
1	Material Submittal for Shower Glass Partition, Door & Accessories	2 Hard & 1 Soft Copy	
Manufacturer	M/s. Feb Tech Glass Works L.L.C	Sample: <input checked="" type="checkbox"/>	
Supplier	M/s. Feb Tech Glass Works L.L.C		
REF. SPEC(s):		REF. DWG(s):	
COMPLIANCE STATEMENT			

The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)		
QA/QC Engineer	Technical Manager	Projects Director / Project Manager

ENGINEER'S COMMENTS

A  B  C  D  E   
 1- No Objection on the Proposed Shower Partition, Door & Accessories from M/s. Feb Tech Glass Works LLC , subject to the following:  
 a. Compliance with Contract specifications and Project Requirements.  
 b. Compliance with Authority Regulations and Guidelines.  
 c. Submission and Approval of Relevant Engineering and QAQC Submittals.  
 d. Submission and Approval of Warranty Certificate in Compliance with Specified Format/Duration.

Reviewer's Name: Gawad Abdel Wahab / Fayash Signature and Date: 22-APR-2025  
 Senior Resident Engineer  
 Signature and Date: 23.04.2025 Comments Sheet Attached: Yes  No

EMPLOYER'S REPRESENTATIVE COMMENTS A  B  C  D  E   
 No objection subject to compliance with above comments

Name & Signature: Date:

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record

*Ue Approved*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR -AMI-ND  
ACCESSORIES-Phase 4**

<b>Project Name:</b>	Azizi Riviera Phase 4	<b>Project Code:</b>	1084P4
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P4-GBC-WF438744
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	14/04/2025
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	360-CP04.XXX -MAT-GE-AR.GE-149

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0295</a>	00	MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR	Material Submittal	Approved as Noted

**Final Review and Comments**

refer to Engineer comments & subject to Mock-up approval

<b>Submittal Status:</b>	<b>Completed</b>	<b>Date:</b>	<b>18/04/2025</b>
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*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR -AMI-ND ACCESSORIES-Phase 4**

CTO Review STATUS: Completed

**APPROVER:** Rouchel Restor (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0295</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR	Material Submittal	00	Ok to Proceed	14/04/2025	

**Comments:**

CTO Review STATUS: Completed

**APPROVER:** Kashif Ahmed (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0295</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR	Material Submittal	00	Approved as Noted	14/04/2025	

**Comments:** Mock up to be provided on site

CTO - Technical Manager - Material STATUS: Completed

**APPROVER:** Saleem Zayyad (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0295</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR	Material Submittal	00	Approved as Noted	16/04/2025	

**Comments:** refer to Engineer comments & subject to Mock-up approval

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS -A-GL-01 AND THE ACCESSORIES-Phase 4**

<b>Project Name:</b>	Azizi Riviera Phase 4	<b>Project Code:</b>	1084P4
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P4-GBC-WF438779
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLc	<b>Date:</b>	14/04/2025
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	360-CP04.XXX -MAT-GE-AR.GE-150

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0296</a>	00	MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS	Material Submittal	Approved as Noted

**Final Review and Comments**

Refer to Engineer comments & subject to approved Mock-up

Submittal Status: **Completed** Date: **18/04/2025**

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS -A-GL-01 AND THE ACCESSORIES-Phase 4**

CTO Review STATUS: Completed

**APPROVER:** Rouchel Restor (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0296</a>	MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS	Material Submittal	00	Ok to Proceed	14/04/2025	

**Comments:**

CTO Review STATUS: Completed

**APPROVER:** Kashif Ahmed (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0296</a>	MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS	Material Submittal	00	Approved as Noted	14/04/2025	

**Comments:** Mock up to be provided at site

CTO - Technical Manager - Material STATUS: Completed

**APPROVER:** Saleem Zayyad (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0296</a>	MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS	Material Submittal	00	Approved as Noted	16/04/2025	

**Comments:** Refer to Engineer comments & subject to approved Mock-up

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*

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05 MAR 2025



**MATERIAL APPROVAL SUBMITTAL**

<b>Project:</b> ARABIAN RANCHES III-1C-Bliss-Mosque on plot # 6484020	<b>Employer:</b> M/s. Emaar Development PJSC
<b>Engineer:</b> M/s. Mirage Leisure and Development	<b>Contractor:</b> M/s. Ginco General Contracting LLC

<b>Discipline</b>	STR	<b>ARC</b>	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b> ARIIMOS-GGC-ARC-MAS-022	<b>Rev.</b> 00
<b>Location</b> (Specify Phase)	Bliss - Mosque						<b>Unifier Record No.</b>	
							<b>Date</b>	03-Mar-25

**LIST OF SUBMITTED ITEMS:**

Item	Description	No. of Copies	Remarks
1	Material Submittal for MIRROR for Bliss Mosque	1 Hard & 1 Soft Copy	
Manufacturer	M/s FEB Tech Glass Works Llc	Sample: <input type="checkbox"/>	
Supplier	M/s FEB Tech Glass Works Llc		MIRROR
REF. SPEC(s):	N/A	REF. DWG(s):	

**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

<b>QA/QC Engineer</b>	<b>Technical Manager</b>	<b>Projects Director / Project Manager</b>

**ENGINEER'S COMMENTS**

A  B  C  D  E  Submit Sealant that will not interfere with the glass.

① All glass shall be Low Iron as specified in the specification, 6mm thick float glass minimum.

② Ensure smooth edges and dimension as per approved shop drawings, provide mockup for approval.

③ Light timing shall be coordinated.

④ Provide appropriate support as per calculation.

**Reviewer's Name:** Resident Engineer  
**Signature and Date:** 04/03/25

**EMPLOYER'S REPRESENTATIVE COMMENTS** A  B  C  D  E  No objection as per Engineer's Comments.

**Name & Signature:** **Date:** 05/3/2025

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.



Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record



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JAN 2025



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مكتب للتقانات (ش.م.ع.ك)  
Ginco General Contracting LLC

DOCUMENT SUBMITTAL

Project: ARABIAN RANCHES III-1C-Bliss-Mosque on Plot # 6484020	Employer: M/s. Emaar Development PJSC
Engineer: M/s. Mirage Leisure and Development	Contractor: M/s. Ginco General Contracting LLC

Discipline	STR	ARC	MEC	ELE	HVAC	Other: GEN	Submittal Ref. No. ARIIIMOS-GGC-ARC-DS-027	Rev. 00
Location (Specify Phase)	Phase-1C Bliss - Mosque					Unifier Record No.		
						Date	21/Jan/25	

LIST OF SUBMITTED ITEMS:

Item	Description	No. of Copies	Remarks
1	Sample Board Submittal For Mirror -01 NOS For Bliss Mosque	1 Hard & 1 Soft Copy	
REF. SPEC(s):		REF. DWG(s):	

COMPLIANCE STATEMENT The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

QA/QC Engineer	Technical Manager	Projects Director / Project Manager

ENGINEER'S COMMENTS

A  B  C  D  E (Refer to attached Approval by EIO).  
 No objection for 6mm floated glass mirror submittal complying with ID Design intent (approved under shop drawing submission approval, & approval of miniature sample in field along with final details).  
 Ref to memo of 3rd Jan 25 by Mr. Hassan D. Muly  
 Reviewer's Name: Signature and Date: 23/01/25  
 Resident Engineer  
 Signature and Date: 5.2.25  
 Comments Sheet Attached: Yes  No

EMPLOYER'S REPRESENTATIVE COMMENTS	A <input type="checkbox"/>	B <input type="checkbox"/>	C <input type="checkbox"/>	D <input type="checkbox"/>	E <input type="checkbox"/>
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Name & Signature: Date:

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record

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04 MAR 2025

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Ginco General Contracting LLC

**MATERIAL APPROVAL SUBMITTAL**

<b>Project:</b> ARABIAN RANCHES III-1C-Bliss-Mosque on plot # 6484020	<b>Employer:</b> M/s. Emaar Development PJSC
<b>Engineer:</b> M/s. Mirage Leisure and Development	<b>Contractor:</b> M/s. Ginco General Contracting LLC

<b>Discipline</b>	STR	<b>ARC</b>	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b> ARIIMOS-GGC-ARC-MAS-023	Rev. 00
<b>Location</b> (Specify Phase)	Bliss - Mosque						<b>Unifier Record No.</b>	
							<b>Date</b>	03-Mar-25

**LIST OF SUBMITTED ITEMS:**

Item	Description	No. of Copies	Remarks
1	Material Submittal for SHOWER GLASS- Bliss Mosque	1 Hard & 1 Soft Copy	
<b>Manufacturer</b>	M/s FEB Tech Glass Works LLC	Sample: <input checked="" type="checkbox"/>	
<b>Supplier</b>	M/s FEB Tech Glass Works LLC		SHOWER GLASS
<b>REF. SPEC(s):</b>	N/A	<b>REF. DWG(s):</b>	
<b>COMPLIANCE STATEMENT</b>	The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)		
<b>QA/QC Engineer</b>	<b>Technical Manager</b>	<b>Projects Director / Project Manager</b>	

**ENGINEER'S COMMENTS**

A  B  C  D  E

8 mm Thick clear, low iron, tempered glass is approved. Sample is not available for testing.

Final approval subject to client review & approval.

attached previous approval documents are in correct, only relevant approval copy shall be submitted. Submit test reports & warranty cert.

**Reviewer's Name:** Resident Engineer  
**Signature and Date:** 4.3.25

**Signature and Date:** 4.3.25

**Comments Sheet Attached:** Yes  No

**EMPLOYER'S REPRESENTATIVE COMMENTS**

A  B  C  D  E

No objection as per Engineer's comments & in compliance with Bliss site approval for Residential Areas done

**Name & Signature:**   
**Date:** 05/3/2025

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

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06 MAR 2025


Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record

**MATERIAL APPROVAL SUBMITTAL**




<b>Project:</b> The Valley Development – Farm Garden Villas, Wellness Centre and Guard Houses, Dubai, UAE	<b>Employer:</b> M/s. Emaar Development PJSC
<b>Engineer:</b> M/s. Mirage Leisure and Development	<b>Contractor:</b> M/s. Engineering Construction & Reconstruction CO L.L.C

<b>Discipline</b>	STR	ARC	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b>	FGV-CRC-ARC-MAS-020	Rev. 00
<b>Location</b> <small>(Specify Phase)</small>	THE VALLEY - FARM GARDENS VILLAS <small>(Phase Code: FARM)</small>						<b>Unifier Record No.</b>	SUB-000152	
							<b>Date</b>	14/12/2023	

**LIST OF SUBMITTED ITEMS:**

Item	Description	No. of Copies	Remarks
1	MATERIAL SUBMITTAL FOR Bath Room Mirror	2 Hard & 1 Soft Copy	
<b>Manufacturer</b>	AGC	<b>Sample:</b> <input checked="" type="checkbox"/>	
<b>Supplier</b>	Feb Tech Glass works LLC		
<b>REF. SPEC(s):</b>	<b>08800</b>	<b>REF. DWG(s):</b>	

**COMPLIANCE STATEMENT**      The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

<b>QA/QC Engineer</b> 	<b>Technical Manager</b> 	<b>Project Manager</b> 
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**ENGINEER'S COMMENTS**

A  B  R  C  D  E

**No Objection for proposed secondary bathrooms Mirrors and framing set, Contractor to refer to the below comments and attached addendum comments sheet for compliance.**

- Contractor to proceed for for prototype mock-up. Final approval subject to prototype approval by client.
- Contractor to Refer client feedback provided on MOM-02 held 10-01-2024 and comply accordingly.
- Aluminum L angle frame to be omitted from master bathroom cabinet only.
- Full mirror sample to be presented along with frame to review quality and workmanship of corners.

<b>Reviewer's Name:</b> <i>Morad</i>	<b>Signature and Date:</b> Jan 12, 2024
<b>Resident Engineer</b> 	
<b>Signature and Date:</b>	<b>Comments Sheet Attached:</b> Yes <input type="checkbox"/> No <input type="checkbox"/>

**EMPLOYER'S REPRESENTATIVE COMMENTS**      A  (~~B~~)  R  C  D  E

*(code B+R)*

- AS per Engineer's recommendations.

*Small*  
15/1/24

<b>Name &amp; Signature:</b>	<b>Date:</b>
<p>Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.</p>	

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record



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MATERIAL APPROVAL SUBMITTAL

Project:	The Valley Development - Rivana (NH07) 486 TOWNHOUSES, CLUB HOUSE & GUARD HOUSE, Dubai - UAE	Employer:	M/s. Emaar Development PJSC
Engineer:	M/s. Mirage Leisure and Development	Contractor:	GCC CONTRACTING CO LLC ( Br of Ginco Sharjah)

Discipline	STR <input type="checkbox"/> ARC <input checked="" type="checkbox"/> MEC <input type="checkbox"/> ELE <input type="checkbox"/> HVAC <input type="checkbox"/> Other: <input type="checkbox"/>	Submittal Ref. No.	NH07-GCC-ARC-MAS-0128	Rev.00
Location	The Valley – Rivana (486 Townhouses, Club House and Guard House)	Unifier Record No.	Sub. No. 002198	
(Specify Phase)		Date	22-Apr-25	

LIST OF SUBMITTED ITEMS:

Item	Description	Nb. of Copies	Remarks
1	Material Submittal for Shower Glass Partition, Door & Accessories	2 Hard & 1 Soft Copy	<div style="border: 1px solid black; padding: 5px;"> <p>The Valley Development Rivana - NH07 GCC CONTRACTING SITE OFFICE <b>RECEIVED</b></p> <p>BY: <i>[Signature]</i> DATE: 23/04/25 TIME: <i>[Time]</i></p> </div>
Manufacturer	M/s. Feb Tech Glass Works L.L.C	Sample: <input checked="" type="checkbox"/>	
Supplier	M/s. Feb Tech Glass Works L.L.C		
REF. SPEC(s):		REF. DWG(s):	
COMPLIANCE STATEMENT			

COMPLIANCE STATEMENT		
The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)		
QA/QC Engineer	Technical Manager	Projects Director / Project Manager
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

ENGINEER'S COMMENTS

A  B  C  D  E

1- No Objection on the Proposed Shower Partition, Door & Accessories from M/s. Feb Tech Glass Works LLC , subject to the following:

- a. Compliance with Contract specifications and Project Requirements.
- b. Compliance with Authority Regulations and Guidelines.
- c. Submission and Approval of Relevant Engineering and QAQC Submittals.
- d. Submission and Approval of Warranty Certificate in Compliance with Specified Format/Duration.

Reviewer's Name: Gawad Abdel Wahab / Fayash Signature and Date: *[Signature]* 22-APR-2025  
Senior Resident Engineer

Signature and Date: *[Signature]* 23.04.2025 Comments Sheet Attached: Yes  No

EMPLOYER'S REPRESENTATIVE COMMENTS A  B  C  D  E

No objection subject to compliance with above comments

Name & Signature: *[Signature]* Date: *[Date]*

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record

*Approved*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR -AMI-ND  
ACCESSORIES-Phase 4**

<b>Project Name:</b>	Azizi Riviera Phase 4	<b>Project Code:</b>	1084P4
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P4-GBC-WF438744
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	14/04/2025
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	360-CP04.XXX -MAT-GE-AR.GE-149

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0295</a>	00	MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR	Material Submittal	Approved as Noted

**Final Review and Comments**

refer to Engineer comments & subject to Mock-up approval

Submittal Status: **Completed** Date: **18/04/2025**

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR -AMI-ND ACCESSORIES-Phase 4**

CTO Review STATUS: Completed

**APPROVER:** Rouchel Restor (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0295</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR	Material Submittal	00	Ok to Proceed	14/04/2025	

**Comments:**

CTO Review STATUS: Completed

**APPROVER:** Kashif Ahmed (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0295</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR	Material Submittal	00	Approved as Noted	14/04/2025	

**Comments:** Mock up to be provided on site

CTO - Technical Manager - Material STATUS: Completed

**APPROVER:** Saleem Zayyad (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0295</a>	MATERIAL SUBMITTAL AND SAMPLE FOR MASTER BATHROOM MIRROR	Material Submittal	00	Approved as Noted	16/04/2025	

**Comments:** refer to Engineer comments & subject to Mock-up approval

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS -A-GL-01 AND THE ACCESSORIES-Phase 4**

<b>Project Name:</b>	Azizi Riviera Phase 4	<b>Project Code:</b>	1084P4
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P4-GBC-WF438779
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLc	<b>Date:</b>	14/04/2025
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	360-CP04.XXX -MAT-GE-AR.GE-150

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0296</a>	00	MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS	Material Submittal	Approved as Noted

**Final Review and Comments**

Refer to Engineer comments & subject to approved Mock-up

Submittal Status: **Completed** Date: **18/04/2025**

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**CP.04-MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS -A-GL-01 AND THE ACCESSORIES-Phase 4**

CTO Review STATUS: Completed

**APPROVER:** Rouchel Restor (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0296</a>	MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS	Material Submittal	00	Ok to Proceed	14/04/2025	

**Comments:**

CTO Review STATUS: Completed

**APPROVER:** Kashif Ahmed (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0296</a>	MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS	Material Submittal	00	Approved as Noted	14/04/2025	

**Comments:** Mock up to be provided at site

CTO - Technical Manager - Material STATUS: Completed

**APPROVER:** Saleem Zayyad (360) **ESCALATION:**

Document No.	Title	Type	Revision	Status	Received Date	FILE REPLACED
<a href="#">1084P4-GBC-ALN-ALS-ARC-MAR-0296</a>	MATERIAL SUBMITTAL AND SAMPLE FOR SHOWER GLASS	Material Submittal	00	Approved as Noted	16/04/2025	

**Comments:** Refer to Engineer comments & subject to approved Mock-up

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*

*lw*

**SUBMITTAL TRANSMITTAL SHEET #** MAT-CIV-086

<b>Project Name</b>	<b>SH-0003-3-Nad Al Sheba Gardens - Phase 03 (Zone/Cluster G) Main Construction Works</b>	<b>Project No.</b>	<b>SH-0003-3</b>
		<b>Date</b>	02/02/2025

<b>Submittal No.:</b>	<b>GGC/G-157/MAT/CIV/086</b>	<b>Revision:</b>	<b>03</b>
<b>Submittal Title:</b>	<b>Material Submittal for Vanity Mirror (M/s. Feb Tech)</b>		

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
1	(Refer to Material Submittal)	<b>Material Submittal for</b> • <b>Vanity Mirror</b>	<b>MAT</b>	01 Hard Copy 01 Soft Copy	ARC with sample


TYPE: SD= Shop Drawings, MAT= Material Submittal, SAR= Subcontractor Approval Request, SM= Sample, GT= Guarantee, MD= Manufacturer's Data, CT= Certificates, TT= Test Results, OT= Other



<b>Supplier / Manufacturer:</b>	<b>M/s. FEB TECH</b>
---------------------------------	----------------------

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor Name:</b> Engr. Atef Mohamed Project Director	<b>Signature:</b> 	<b>Rcv'd By:</b> 	<b>Date:</b> 03 FEB 2025
	<b>Date:</b> - 02/02/2025		

**Design Consultant Review Comments**

<p><i>*Refer to attached comments sheet</i></p> 	<b>Consultant Decision</b>
	<input type="checkbox"/> Approved
	<input checked="" type="checkbox"/> Approved As Noted
	<input type="checkbox"/> Revise & Resubmit
	<input type="checkbox"/> Not Approved
	<input type="checkbox"/> Not Required

<b>Design Consultant (Name):</b> <b>CONIN</b> www.conin.ae NAD AL SHEBA GARDENS PHASE 3, CLUSTER G	<b>Signature:</b> 	<b>Rcv'd By:</b> 	<b>Date:</b> 19 FEB 2025
		<b>Date:</b>	

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

Copy to:

Head Office  Consultant  QS  Other

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

**Project** Proposed G+3P+16 Storey Residential Building Plot No: JVC12PHRS003 at Jumeirah Village Community, Dubai-UAE.

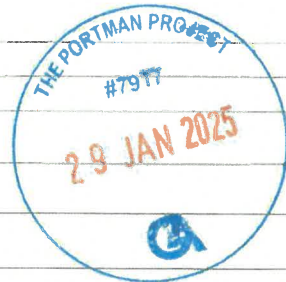
**SAMPLE MATERIAL SUBMITTAL**

<b>Submittal No.</b>	GAC-7917-TPM-SMS-CIVIL-33	<b>Rev</b>	01	✓	<b>New submittal</b>	<b>Date</b>	29.01.2025
					<b>Re-submittal</b>		

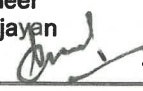
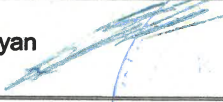
**Material Description** Sample submittal for Shower glass Partition

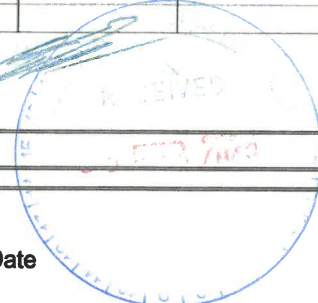
<b>Country of Origin</b>	UAE	<b>Specified</b>	<b>Alternative</b>	<b>Architecture</b>	<b>Structure</b>	<b>Electrical</b>	<b>Mechanical</b>	<b>Other</b>
		✓		✓				

<b>Manufacturer</b>		<b>Local Supplier/Agent</b>		<b>Details</b>			
<b>Name</b>	FEBTECH GLASS WORKS LLC		FEBTECH GLASS WORKS LLC	Sample for Shower glass Partition			
<b>m</b>	+971 04 2662292		+971 04 2662292				
<b>Fax</b>	+971 04 2367940		+971 04 2367940				
<b>PO Box</b>	235918		235918				
<b>Email:</b>	info@febtechuae.com		info@febtechuae.com				
<b>BOQ</b>	Bill: 09 Accessories and equipment		BS		<b>Specs</b>		



<b>Drawings ref.</b>							
<b>Attached</b>	Data Sheet	Sample	Catalogue	Profile	Calculations	Test Results	Other
		Yes					

<b>Quality Engineer</b> Mr. Anand Vijayan Signature 	<b>Project Manager</b> Mr. Subhash Vijayan Signature 
---	--

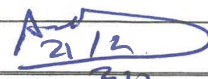


Received by Consultant

<b>Name</b>	<b>Signature</b>	<b>Date</b>

**Consultant Comments:**

+ Refer to comments & sample board of client attached sheet

<b>Approved</b>	<input checked="" type="checkbox"/> <b>Approved with Comments</b>	<b>Revise &amp; Resubmit</b>	<b>Rejected</b>
	Name	Signature	Date
Site Engineer	Eng. Mostafa		
Resident Engineer	Eng. Amr Fathy		

Received Back By the contractor



Project No. P-239  
Project Details: "Ellington House - II, G+P+10 Residential Building at Plot NO.6316928 (DHE.13.0005) at Dubai Hills Estate, Dubai"

SITE DETAILS

MATERIAL SUBMITTAL

Date submittal prepared:	13-Jan-25	Submittal R	AAC-239-MAT-CIV-194	Rev. No.	00
Material description :	Vendor List Yes <input type="checkbox"/> No <input type="checkbox"/>				
Specs. / BOQ / Drwg. Reference	Reason for Alternative				
Sub-Contractor: Feb Tech Glass Works LLC	Type of material	<input type="checkbox"/>	Arch/ID	Str	<input type="checkbox"/> MEP <input type="checkbox"/>
Address: Dubai, UAE	Catalogue Ref:				
Material description: D04 Glass Door Ironmongery	Supplier: Feb Tech Glass Works LLC				
Manufacturer:	Brand: Hafele				
Address:	Address: Dubai, UAE				
Area of usage : D04 Glass Door	Production period:	Weeks			
Spec. Ref:	Delivery Ex-works:	Weeks			
BOQ Ref:	Total Delivery time:	Weeks			
Date Material required at site as per BL:	Expected date of delivery to site:				

Delivery method:

Overland  Sea Freight  Air Freight  Other

Contractor's comments:

If alternate Material submitted, attach full comparison to that specified.

Attachments/Enclosures:

Catalogues  Drawings  Samples  Other ( please specify )

Vendor's Technical Literature  Compliance Statement  Previous Test Results  Copy of the Related Specs.

Contractor's Authorized Signature: *[Signature]* Date:

Engineer's Comments:

*\* Subject to physical sample approval*

*\* All material code to be followed as per 3D specification*

Product Discussed with:

Manufacturer  Authorized Distributor  Supplier  Trade Licence  Manufacturer's letter of supplier  Manufacturer's product distribution authorization  letter of application

Site Team Status

Approved  Approved with comments  Not approved. Revise & submit  Rejected as comments

Project Manager: *[Signature]* Date: *21-Jan-25* Engineer: *[Signature]* Date: *20-01-25*

Design Team (To be reviewed by the designers associated with the material)

Status

Sample received & checked  Technical data sheet reviewed  Approved  Approved with comments  Not approved. Revise & submit  Rejected as comments

*\* CYLINDER DEFECTED - KEY TO KEY TO BE SUBMITTED FOR APPROVAL.*

*\* HANDLE FINISH IS MATCH APT. POOR HANDLE.*

Architect: *[Signature]* Date: *21/01/25* Structural Engineer: Mechanical Engineer: Electrical Engineer:

QA/QC Status

Approved  Approved with comments  Not approved. Revise & submit  Rejected as comments

QA/QC Engineer: Date:

الأشهر للمقاولات ش.ذ.م.م.  
AL ASHRAM CONTRACTING L.L.C.  
P 239 on Plot No. 6316928  
**22 JAN 2025**  
RECEIVED ON WITHOUT PREJUDICE BASIS  
CONTENTS SUBJECT TO VERIFICATION  
BY: *[Signature]*

RECEIVED MODEL  
**13 JAN 2025**  
Sign: *[Signature]*

**SUBMITTAL TRANSMITTAL SHEET #** **MAT-CIV-083**

<b>Project Name</b>	<b>SH-0003-3-Nad Al Sheba Gardens -Phase 03 (Zone/Cluster G) Main Construction Works</b>	<b>Project No.</b>	<b>SH-0003-3</b>
		<b>Date</b>	<b>15/01/2025</b>

<b>Submittal No.:</b>	<b>GGC/G-157/MAT/CIV/083</b>	<b>Revision:</b>	<b>03A</b>
<b>Submittal Title:</b>	<b>Material Submittal for Glass Balustrade</b>		

We are sending herewith under separate cover the drawings / documents / samples listed below:


ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
1	(Refer to Material Submittal)	<b>Material Submittal for</b> <ul style="list-style-type: none"> <li><b>Glass Balustrade</b></li> </ul> <b>M/s. Feb Tech</b>	MAT	01 Hard Copy 01 Soft Copy	ARC with sample

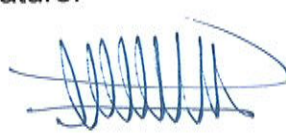


TYPE: MAT= Material Submittal, PQ= Subcontractor Approval Request, MS= Method Statement, GT= Guarantee, TT= Test Results, OT= Other

**Supplier / Manufacturer:** **M/s. Feb Tech**

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor Name:</b> Engr. Atef Mohamed Project Director	<b>Signature:</b> 	<b>Rcv'd By:</b> 	<b>Date:</b> 15/01/2025
---	--	---	----------------------------

<b>Design Consultant Review Comments</b> <i>* Refer to attached comments sheet</i> 	<b>Consultant Decision</b>
	<input type="checkbox"/> Approved
	<input checked="" type="checkbox"/> Approved As Noted
	<input type="checkbox"/> Revise & Resubmit
	<input type="checkbox"/> Rejected

<b>Design Consultant (Name):</b>	<b>Signature:</b> 	<b>Rcv'd By:</b> 
		<b>Date:</b> 29 JAN 2025

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

**Copy to:**

Head Office  Consultant  QS  Other

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

**SUBMITTAL TRANSMITTAL SHEET #** MAT-CIV-087

<b>Project Name</b>	SH-0003-3-Nad Al Sheba Gardens - Phase 03 (Zone/Cluster G) Main Construction Works	<b>Project No.</b>	SH-0003-3
		<b>Date</b>	14/02/2025

<b>Submittal No.:</b>	GGC/G-157/MAT/CIV/087	<b>Revision:</b>	04
<b>Submittal Title:</b>	Material Submittal for Shower Glass (VILLA) V01, V03, V05, V07		

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
1	(Refer to Material Submittal)	<b>Material Submittal for</b> • Shower Glass  VILLA- V01, V03, V05, V07	MAT	01 Hard Copy 01 Soft Copy	ARC with sample

TYPE: SD= Shop Drawings, MAT= Material Submittal, SAR= Subcontractor Approval Request, SM= Sample, GT= Guarantee, MD= Manufacturer's Data, CT= Certificates, TT= Test Results, OT= Other


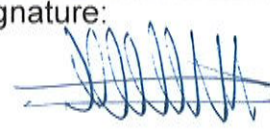

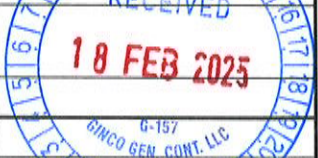
**Supplier / Manufacturer:** M/s. FEB TECH

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor Name:</b> Engr. Atef Mohamed Project Director	<b>Signature:</b>  <b>Date:</b> - 14/02/2025	<b>Rcv'd By:</b>  <b>Date:</b> 14 FEB 2025	 NAD AL SHEBA GARDENS PHASE 3, CLUSTER G <b>RECEIVED</b>

**Design Consultant Review Comments**

<p>* Hinges and silicone to be submitted</p> <p>* color PVD grey gun metal.</p> <p>* Refer to attached comments sheet</p>	<b>Consultant Decision</b>
	<input type="checkbox"/> Approved
	<input checked="" type="checkbox"/> Approved As Noted
	<input type="checkbox"/> Revise & Resubmit
	<input type="checkbox"/> Not Approved
	<input type="checkbox"/> Not Required

<b>Design Consultant (Name):</b>  www.conin.ae NAD AL SHEBA GARDENS PHASE 3, CLUSTER G	<b>Signature:</b> 	<b>Rcv'd By:</b>  <b>Date:</b> 18 FEB 2025	 RECEIVED 18 FEB 2025 G-157 GINCO GEN. CONT. LLC

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

**Copy to:**

Head Office  Consultant  QS  Other

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

**SUBMITTAL TRANSMITTAL SHEET #** MAT-CIV-087

<b>Project Name</b>	SH-0003-3-Nad Al Sheba Gardens - Phase 03 (Zone/Cluster G) Main Construction Works	<b>Project No.</b>	SH-0003-3
		<b>Date</b>	14/02/2025

<b>Submittal No.:</b>	GGC/G-157/MAT/CIV/087	<b>Revision:</b>	04a
<b>Submittal Title:</b>	Material Submittal for Shower Glass(Town House) – C01, C06, C10, C11		

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
1	(Refer to Material Submittal)	<b>Material Submittal for</b> • <b>Shower Glass</b>  <b>Town House – C01, C06, C10, C11</b>	<b>MAT</b>	01 Hard Copy 01 Soft Copy	ARC with sample

TYPE: SD= Shop Drawings, MAT= Material Submittal, SAR= Subcontractor Approval Request, SM= Sample, GT= Guarantee, MD= Manufacturer's Data, CT= Certificates, TT= Test Results, OT= Other

**Supplier / Manufacturer:** M/s. FEB TECH

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor Name:</b> Engr. Atef Mohamed Project Director	<b>Signature:</b>  <b>Date:</b> 14/02/2025	<b>Rcv'd By:</b> 14 FEB 2025 <b>Date:</b> NAD AL SHEBA GARDENS PHASE 3, CLUSTER G <b>RECEIVED</b>
---	---	--

**Design Consultant Review Comments**

<p>* Hinges to be resubmitted.</p> <p>* silicone " "</p> <p>* colour PVD - Metal gun grey.</p> <p>* Refer to attached comments sheet.</p>	<b>Consultant Decision</b>
	<input type="checkbox"/> Approved
	<input checked="" type="checkbox"/> Approved As Noted
	<input type="checkbox"/> Revise & Resubmit
	<input type="checkbox"/> Not Approved
	<input type="checkbox"/> Not Required

<b>Design Consultant (Name):</b>  www.conin.ae NAD AL SHEBA GARDENS PHASE 3, CLUSTER G	<b>Signature:</b> 	<b>Rcv'd By:</b> 18 FEB 2025 <b>Date:</b> 18 FEB 2025
---	---	--

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

**Copy to:**

Head Office  Consultant  QS  Other

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

Ref: MAL-PB-SC-MA-3561

Date: 18<sup>th</sup> May 2024

To : Febtech Glass Works LLC  
PO Box 235918, Dubai, United Arab Emirates  
Tel No: 04-883 9015

Attention : Mr. Mohamed Azhar  
Technical Engineer

Project Name : Radiant Square at City of Lights  
Location : Sector RT3 Plot C13, Al Reem Island, Abu Dhabi, UAe  
Subject : Submittal

Dear Sir,

Kindly find attached submittal commented by the consultant for your kind information and necessary action as per the following:

MAR-0545	MATERIAL SUBMITTAL OF INTERNAL STAIR GLASS HANDRAIL FOR 3B2	APPROVED AS NOTED
----------	---	-------------------

Thanking you and assuring our best attention at all times.

**Malaih Investment & Projects Development-LLC.**

  
**Mohamad Ala Eddin Ahmad Shami**  
Project Manager


Encl: As Stated.

## Material Approval Request

<b>Project Title:</b> Radiant Square at City of Lights <b>Address :</b> Plot RT3-13, Reem Island, Abu Dhabi, UAE	<b>Developer :</b> Tamouh Investments <b>Sub Developer :</b> Radiant Enterprises <b>Consultant :</b> Architectural Consulting Group (ACG) <b>Contractor :</b> Malaih Investment & Proj. Dev't.
---	---

<b>Submittal Ref No</b>	<b>Revision</b>	<b>Date of Submittal</b>
MAR-PB-AR-SE-0545	0	13 MAY 2024

**Material Title:** MATERIAL SUBMITTAL OF INTERNAL STAIR GLASS HANDRAIL FOR 3B2.

<b>Manufacturers Name &amp; Country of Origin:</b> FEB TECH	<b>List of Manufacturer as per Specification:</b> 1.	<b>References (pages &amp; item numbers) in:</b> 1. B o Q Ref No: 2. Particular Specs.: 3. General Specs: 4. Drawing Ref No:
--	---	--

**Attachments:** 1- Product data/ Catalog    2- Specification    3- Samples

ACG architectural consulting group  
 Project No 23502, Radiant Square At City Of Lights  
 Plot RT3-13, Reem Island, Abu Dhabi

M&S Others

14 MAY 2024

REF	DATE	ACT	INFO
AR			
ST			
ME			
IN			
TIME	11:30 AM		

<b>Prepared by (contractor):</b> Date:                      Signature:	<b>Reviewed by MEP coordinator:</b> Date:                      Signature:	
<b>Reviewed by Engineering Manager:</b> Name:                      Signature:	<b>Approved for Submittal by Project Manager:</b> Name:                      Signature:	

**For Use By Consultant:**  
**Comments:**

\* No objection subject to final mock up approval & to comply with M/s Civil Defense requirements and approvals.  
 \* 10 years draft warranty certificate is required for the installation & material prior any work at site.

<b>Approval Status</b>	<input checked="" type="radio"/> A - Approved	<input type="radio"/> B - Implement Exceptions Noted	<input type="radio"/> C - Revise & Resubmit	<input type="radio"/> D - Rejected
<b>Consultant</b>	Name: WE		Signature:	Date: 17 MAY 2024

Note: The above comments / or approval does not relieve the Contractor from his obligation in the contract to ensure conformance to the specification. Any Deviations found subsequent to the approval are to be corrected by the contractor to the satisfaction of the Client / Consultant.

**CC:** Client:  1 copy     (With All Attachments)     (Cover Page only)

<b>Received By the Contractor</b> One copy with Attachment Name:	Signature:	Date:
<div style="border: 2px solid blue; padding: 5px; color: blue; font-weight: bold; font-size: large;">           RECEIVED            17 MAY 2024            MALAIH INVESTMENT         </div>		

Section reserved for Contractor Use only

**MATERIAL SUBMITTAL TRANSMITTAL SHEET NO. 0072**

<b>Project Name</b>	1,127 Villas and Town Houses at "Malta" Cluster at "Damac Lagoons" Master Development, Hessa Street, Dubai, UAE	<b>Project No.</b>	P158.16
		<b>Date</b>	14/01/2024

**Submittal No.:** P158.16 MAT ARC-0072      **Revision:** 00

**Submittal Title:** Material Submittal for Shower Glass Partition

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES
1	Sections: 09 3000	Material Submittal for Shower Glass Partition	MAT	02 Hard + 01 Soft Copy

*Feb Tech + OAOE*

**SITE: G - 151**

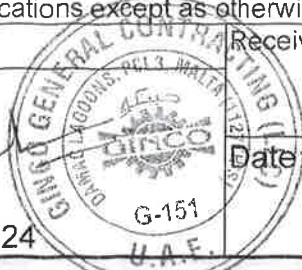
No.	RECEIVED	Action	INFC
Date 04/02/2024			
Projects Director			
Contracts Dept			
REMARKS			
ENGINEER			
Planning Dept.			
Technical Dept.			
QA/QC			
QS			
Safety			
MEP Co-ordinator			
Survey Dept			
Estimate Dept			
Accounts Dept.			
Purchase Dept.			
Site Clerk			
Sub-Contractor			
FILE NO			

TYPE: SD= Shop Drawings, SM= Sample, GT= Guarantee, MD=Manufacturer's Data, CT= Certificates, TR= Test Results, OT= Other

**Supplier / Manufacturer:** M/s. Feb Tech Glass Works LLC.

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor:</b> Eng. Mohammed Salah Sr. Project Manager	<b>Signature:</b> <i>[Signature]</i>	<b>Received By:</b> <i>[Signature]</i>	<b>Date:</b> 14 JAN 2024 3.00PM
--	---	---	---------------------------------------



**Resident Engineer Review Comments**

- NO OBJECTION TO 10MM THICK TEMPERED GLASS FROM GUARDIAN GLASS - EVIDENCE TO BE PROVIDED DURING DELIVERY.

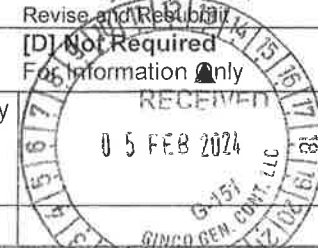
- NO OBJECTION TO 1MM (25MM X 16 X 25 MM) MIRROR FINISH U-CHANNEL - THIS SHOULD BE OF MINIMUM S.S. 304 GRADE. THIS NO OBJECTION IS ONLY FOR TOWNHOUSES

1MM THICK ALUMINIUM CHANNEL NOT ACCEPTED

**Consultant Decision**

- [A] Approved  
Work may proceed
- [B] Approved As Noted  
Work may proceed, but Resubmit
- [C] Not Approved  
Work may not proceed, Revise and Resubmit
- [D] Not Required  
For Information Only

<b>Resident Engineer</b> Engineering Consortium Consultants Engineers	<b>Signature:</b> <i>[Signature]</i>	<b>Received By Contractor:</b> <i>[Signature]</i>	<b>Date:</b> 05 FEB 2024
---	---	--	-----------------------------



Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

**Copy to:**  
Employer Head  Office      Consultant       QS       Other

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

*NO OBJECTION TO THE PROPOSED ASMACO 2670 SEALANT CONTRACTOR TO FOLLOW MANUFACTURER INSTRUCTION FOR APPLICATION*

*WARRANTY TO BE FOR THE COMPLETE INSTALLATION OF GLASS PARTITION - UPDATE - SUBJECT TO MURKUP APPROVAL*

**Material Approval Request (MAR)**

Contract Title:	District One West		
Contract/LOA No.:	DMS149210 (2)	Plot No.	3551781
Employer:	M/s. Meydan Group LLC		
Engineer:	M/s. White Space		
Main Contractor:	M/s. Ginco General Contracting LLC		
Reference No.:	D1W-Pkg2-GO-MAR-ARC-0053	Revision:	0
		Date:	08/12/2024

Tick the relevant items below:

Civil/Structural   
  Architectural   
  MEP   
  Landscaping   
  Others: \_\_\_\_\_

We are sending herewith the Documents / Drawings / Samples listed below.

<b>Material Information</b>	
Name of Product:	Material Submittal for Mirrors (M/S Feb Tech)
Location of use:	For Toilets and Bathrooms.
Quantity:	As per BOQ
Date of Delivery:	As per the Site requirement
Name Manufacturer:	As mentioned in the attached List of Materials.
Source/Country of Origin:	As mentioned in the attached List of Materials.
Name of Subcontractor:	M/s. Feb Tech Glass Works LLC
Name Local Agent/Supplier:	-
Specification/Control Document Reference:	SECTION 102800
Alternative to Specified Product:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Reason for use of alternate product:	
Cost Impact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Time Impact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Attachments (Spec., Brochure, Sample etc.):	
Description of Samples:	

**Compliance Statement:** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in accordance with the Contract Documents except otherwise stated.

**Compliance with local Authorities Regulations:**     Yes     No

Prepared By (Sub-Con)	Technical Manager	PD/PM	Date:
Name:	Eng. Ahmed Abdelrattan	Eng. Hatem Khalifa	08/12/2024
Signature:	<i>Ahmed Abdelrattan</i>	<i>Hatem Khalifa</i>	

Comments (Engineer/Consultant):

- No objection for the material, Mock-up sample to be provided for final approval  
 - back light to homogeneous and light driver location to be above ceiling

Reviewed By	Signature		Date:
A. <input type="checkbox"/> Approved	B. <input checked="" type="checkbox"/> Approved as Noted	C. <input type="checkbox"/> Not Approved Resubmit	D. <input type="checkbox"/> Incomplete Resubmit
			E. <input type="checkbox"/> Information/Record

Engineer's Representative:	Ashraf M. F. Hamed	Received by Contractor
Signature:	<i>Ashraf M. F. Hamed</i> Senior Resident Engineer	
Date:	16/12/2024	Date:

Distribution:     Contractor (Original)     PMO     Engineer

**NOTE:** The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted materials and documents.

**Material Approval Request (MAR)**

Contract Title:	District One West		
Contract/LOA No.:	DMS149210 (2)	Plot No.	3551781
Employer:	M/s. Meydan Group LLC		
Engineer:	M/s. White Space		
Main Contractor:	M/s. Genco General Contracting LLC		
Reference No.:	D1W-Pkg2-GO-MAR-ARC-0054	Revision:	0
		Date:	09/12/2024

Tick the relevant items below:

Civil/Structural   
  Architectural   
  MEP   
  Landscaping   
  Others: \_\_\_\_\_

We are sending herewith the Documents / Drawings / Samples listed below.

**Material Information**

Name of Product:	Material Submittal for the Shower Glass Partition (M/S Feb Tech)		
Location of use:	For Shower Glass Partition		
Quantity:	As per BOQ		
Date of Delivery:	As per the Site requirement		
Name Manufacturer:	As mentioned in the attached List of Materials.		
Source/Country of Origin:	As mentioned in the attached List of Materials.		
Name of Subcontractor:	M/s. Feb Tech Glass Works LLC		
Name Local Agent/Supplier:	-		
Specification/Control Document Reference:	Specifications Sheet - finishes & fit-out		
Alternative to Specified Product:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Reason for use of alternate product:			
Cost Impact:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Time Impact:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Description of Attachments (Spec., Brochure, Sample etc.):			
Description of Samples:			

**Compliance Statement:** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in accordance with the Contract Documents except otherwise stated.

**Compliance with local Authorities Regulations:**  Yes  No

Prepared By (Sub-Con)	Technical Manager	PD/PM	Date:
Name:	Eng. Ahmed Abdelfattah	Eng. Hatem Khalifa	09/12/2024
Signature:	<i>Ahmed</i>	<i>Hatem</i>	

Comments (Engineer/Consultant):

- Follow comments on the attached Engineer's sheet.



Reviewed By	Signature		Date:
A. <input type="checkbox"/> Approved	B. <input checked="" type="checkbox"/> Approved as Noted	C. <input type="checkbox"/> Not Approved Resubmit	D. <input type="checkbox"/> Incomplete Resubmit
			E. <input type="checkbox"/> Information/Record

Engineer's Representative:	Ashraf M.F. Hamed Senior Building Resident Engineer	Received by Contractor
Signature:	<i>Ashraf</i>	
Date:	23/12/2024	Date:

Distribution:  Contractor (Original)     PMO     Engineer

**NOTE:** The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted materials and documents.



masaar




ARADA

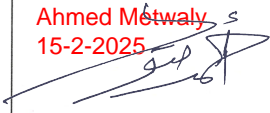
<b>Project:</b>		MASAAR VILLAS PHASE 06		<b>MATERIAL SUBMITTAL</b>	
<b>Contract:</b>		Construction of 597 Townhouses and Villas at Tilal, Al Suyoh, Sharjah		<b>Ref. No:</b>	MAS-P6-MAT-ARC-INT-DAR-0570_02
<b>Contract Ref:</b>		MASAAR / CONT / 5744		<b>Date:</b>	03.02.2025
<b>Consultant</b>		Design & Architecture Bureau (DAR)		<b>Discipline:</b>	<input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input checked="" type="checkbox"/> MEP ( M / E / P ) <input type="checkbox"/> General <input type="checkbox"/> Other (Specify):
<b>Contractor:</b>		INTERMASS ENG. & CONT. CO. L.L.C			
<b>Type of Submittal</b>	<b>MAT</b>	<input type="checkbox"/> Technical Data		<input checked="" type="checkbox"/> Physical Sample	
		<input checked="" type="checkbox"/> Materials (Refer to attached Material Checklist Form)			



<b>Title / Subject</b>	<b>Material Submittal for Balcony Glass &amp; Handrails (Zone D&amp;E) – M/s Feb Tech Glass Works</b>
------------------------	---

<b>Section A – Submittal Details</b>					
<b>DWG Ref:</b>	MAS-P6-ARC-C6-410	<b>SPC/BQ/CoC Ref:</b>	Section 08 81 00– Glass Glazing		
<b>Contractor's Remarks (if any):</b> <b>Complying with consultant's comments, compliance statement enclosed</b>					
<b>Attachments:</b> <input type="checkbox"/> Enclosed as per the following list <input type="checkbox"/> Refer to the attached Register / Checklist					
Sr.	Item Ref. No.	Item Description	Rev	Hard Copies	Soft Copy
1.	--	<b>Material Submittal for Balcony Glass &amp; Handrails (Zone D&amp;E)</b>	02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The Contractor certifies that the above submitted items have been reviewed in detail and are correct and in conformity with the Contract Documents and Requirements except as otherwise stated

For and on behalf of the <b>Contractor: Intermass Eng. &amp; Cont. Co. LLC</b> Prepared by: <b>Ahmed El Menshawy/Khaled Farouk</b> Designation: <b>Project Manager</b> Date and Signature: _____	Received by the <b>Engineer:</b> 
---	---

<b>Section B – Engineer's Comments:</b>	
<p><b>No objection for the proposed material subject to :</b></p> <ul style="list-style-type: none"> <li>- For The approved F bracket refer to MAS-P6-SAM-ARC-INT-DAR-0507</li> <li>- Stand off to refer to MAS-P6-SAM-ARC-INT-DAR-0509 however TDS and other related documents to be submitted</li> <li>- Subject to shop drawing approval</li> <li>- Final approval subject to mockup</li> <li>- Random tests shall be conducted at site</li> <li>- Warranty certificate to be provided as per project requirement</li> <li>- All related Licenses and certificates should be updated at all times</li> <li>- Comply with project specification and authority requirement</li> <li>- Manufacturer recommended application method to be used Method statement to be submitted</li> </ul> <p><input type="checkbox"/> Please see attached notes; no. of pages ( )</p>	<p><b>Approval Status:</b></p> <p><input checked="" type="checkbox"/> A – Approved</p> <p><input checked="" type="checkbox"/> B – Approved as Noted</p> <p><input type="checkbox"/> C – Revise &amp; Resubmit</p> <p><input type="checkbox"/> D – Rejected</p> <p>Ahmed Metwally 15-2-2025</p> 

For and on behalf of the <b>Engineer: Design &amp; Architecture Bureau (DAR)</b> Reviewed by: Name (RE): <b>Mashhood Ahmad</b> Date and Signature: <b>17-02-2025</b> 	Received by the <b>Contractor:</b> 
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\*Approval shall not relieve the Contractor of his liabilities under the Contract or constitute authorization of any change to the Contract Documents. Corrections or comments made relative to submittals during this review do not relieve the Contractor from compliance with the requirements of the drawings and specifications. This review is for general conformance with the design of the project and general compliance with the information given in the Contract Documents



masaar



ARADA

<b>Project:</b> MASAAR VILLAS PHASE 06		<b>SAMPLE SUBMITTAL</b>	
<b>Contract:</b> Construction of 597 Townhouses and Villas at Tilal, Al Suyoh, Sharjah		<b>Ref. No:</b>	MAS-P6-ARC-SAM-INT-DAR-0509_00
<b>Contract Ref:</b> MASAAR / CONT / 5744		<b>Date:</b>	11.02.2025 <span style="float: right;"><b>Rev:</b> 00</span>
<b>Consultant:</b> Design & Architecture Bureau (DAR)		<b>Discipline:</b>	<input checked="" type="checkbox"/> Architectural <input type="checkbox"/> Structural
<b>Contractor:</b> INTERMASS ENG. & CONT. CO. L.L.C			<input type="checkbox"/> MEP ( M / E / P ) <input type="checkbox"/> General
<b>Type of Submittal</b>	<b>MAT</b>	<input type="checkbox"/> Technical Data	<input checked="" type="checkbox"/> Physical Sample
		<input checked="" type="checkbox"/> Materials (Refer to attached Material Checklist Form)	


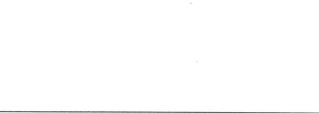

<b>Title / Subject</b>	Sample for SS Brush Finish Stand Off for Staircase and Balcony Handrail – M/s Feb Tech
------------------------	--

**Section A – Submittal Details**

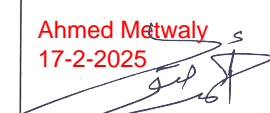
<b>DWG Ref:</b>		<b>SPC/BQ/CoC Ref:</b>	
<b>Contractor's Remarks (if any):</b> Submittal in reference to material submittal Ref. MAS-P6-ARC-MAT-INT-DAR- 0570_02			
<b>Attachments:</b>	<input type="checkbox"/> Enclosed as per the following list <input type="checkbox"/> Refer to the attached Register / Checklist		




Sr.	Item Ref. No.	Item Description	Rev	Hard Copies	Soft Copy
1.	--	<b>Sample for the SS Brush Finish Stand Off for Staircase and Balcony Handrail :</b> 1. RAL 7015 Matt Finish – Balcony Handrail 2. Powder Coated Stand Off – Staircase Handrail	00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The Contractor certifies that the above submitted items have been reviewed in detail and are correct and in conformity with the Contract Documents and Requirements except as otherwise stated

For and on behalf of the <b>Contractor: Intermass Eng. &amp; Cont. Co. LLC</b> Prepared by: <b>Ahmed El Menshawy/Khaled Farouk</b> Designation: <b>Project Manager</b> Date and Signature: 	Received by the <b>Engineer:</b> 	
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**Section B – Engineer's Comments:**

<p><b>No objection to the proposed material subject to :</b></p> <ul style="list-style-type: none"> <li>- Provide technical data sheet and related documents for final approval</li> <li>- Powder coat system certificate and TDS</li> </ul> <p><input type="checkbox"/> Please see attached notes; no. of pages ( )</p>	<p><b>Approval Status:</b></p> <p><input type="checkbox"/> A – Approved</p> <p><input checked="" type="checkbox"/> B – Approved as Noted</p> <p><input type="checkbox"/> C – Revise &amp; Resubmit</p> <p><input type="checkbox"/> D – Rejected</p> <p style="text-align: right;"> <b>Ahmed Metwally</b>            17-2-2025   </p>
--	---

For and on behalf of the <b>Engineer: Design &amp; Architecture Bureau (DAR)</b> Reviewed by: Name (RE): <b>Mashhood Ahmad</b> Date and Signature: <b>17-02-2025</b> 	Received by the <b>Contractor:</b> 	
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\*Approval shall not relieve the Contractor of his liabilities under the Contract or constitute authorization of any change to the Contract Documents. Corrections or comments made relative to submittals during this review do not relieve the Contractor from compliance with the requirements of the drawings and specifications. This review is for general conformance with the design of the project and general compliance with the information given in the Contract Documents



masaar



ARADA

<b>Project:</b> MASAAR VILLAS PHASE 06		<b>SAMPLE SUBMITTAL</b>	
<b>Contract:</b> Construction of 597 Townhouses and Villas at Tilal, Al Suyoh, Sharjah		<b>Ref. No:</b>	MAS-P6-MAT-SAM-INT-DAR-0507_00
<b>Contract Ref:</b> MASAAR / CONT / 5744		<b>Date:</b>	18.01.2025 <span style="float: right;"><b>Rev:</b> 00</span>
<b>Consultant:</b> Design & Architecture Bureau (DAR)		<b>Discipline:</b> <input checked="" type="checkbox"/> Architectural <input type="checkbox"/> Structural <input type="checkbox"/> MEP ( M / E / P ) <input type="checkbox"/> General <input type="checkbox"/> Other (Specify):	
<b>Contractor:</b> INTERMASS ENG. & CONT. CO. L.L.C			
<b>Type of Submittal</b>	<b>MAT</b>	<input type="checkbox"/> Technical Data <input checked="" type="checkbox"/> Physical Sample	
		<input checked="" type="checkbox"/> Materials (Refer to attached Material Checklist Form)	

<b>Title / Subject</b>	Sample for the Mild Steel 'F' Type Channel – M/s Feb Tech
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**Section A – Submittal Details**




<b>DWG Ref:</b>		<b>SPC/BQ/CoC Ref:</b>	
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**Contractor's Remarks (if any):**

**Attachments:**  Enclosed as per the following list  Refer to the attached Register / Checklist

Sr.	Item Ref. No.	Item Description	Rev	Hard Copies	Soft Copy
1.	--	Sample for the Mild Steel 'F' Type Channel – M/s Feb Tech	00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>


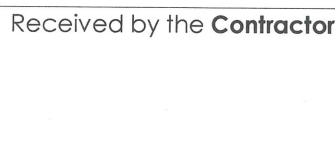

The Contractor certifies that the above submitted items have been reviewed in detail and are correct and in conformity with the Contract Documents and Requirements except as otherwise stated

For and on behalf of the <b>Contractor: Intermass Eng. &amp; Cont. Co. LLC</b> Prepared by: <b>Ahmed El Menshawy/Khaled Farouk</b> Designation: <b>Project Manager</b> Date and Signature: 	Received by the <b>Engineer:</b> 	 20 JAN 2025
---	---	--

**Section B – Engineer's Comments:**

<p><b>No objection to the proposed material subject to:</b></p> <ul style="list-style-type: none"> <li>- Colour to be RAL 7015 powder coated</li> <li>- Structure calculation approval</li> <li>- Sealant manufacturer to be from the vendor list</li> <li>- Steel plate TDS to be submitted</li> <li>- F type channel should be in right angle and welding to be continuous weld line</li> <li>- F channel size is subject to structure calculation</li> <li>- Provide the anchor proposed to fix the F channel</li> <li>- Provide mock up for final approval</li> <li>- Subject to comply with authority requirement</li> <li>- Warranty to be as per project requirement and specification</li> </ul> <input type="checkbox"/> Please see attached notes; no. of pages ( )	<p><b>Approval Status:</b></p> <input type="checkbox"/> A – Approved <input checked="" type="checkbox"/> B – Approved as Noted <input type="checkbox"/> C – Revise & Resubmit <input type="checkbox"/> D – Rejected
---	--

Ahmed Metwally  
23-01-2025  


For and on behalf of the <b>Engineer: Design &amp; Architecture Bureau (DAR)</b> Reviewed by: Name (RE): <b>Mashhood Ahmad</b> Date and Signature: <b>06-02-2025</b> 	Received by the <b>Contractor:</b> 	 06 FEB 2025
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\*Approval shall not relieve the Contractor of his liabilities under the Contract or constitute authorization of any change to the Contract Documents. Corrections or comments made relative to submittals during this review do not relieve the Contractor from compliance with the requirements of the drawings and specifications. This review is for general conformance with the design of the project and general compliance with the information given in the Contract Documents

The Valley Development Rivana - NH07  
GCC CONTRACTING SITE OFFICE  
**RECEIVED**  
BY: *[Signature]*  
DATE: 13/05/24  
TIME:   
GCC


<b>EMAAR</b>	<b>mirage</b>
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**MATERIAL APPROVAL SUBMITTAL**

<b>Project:</b> The Valley Development - Rivana (NH07) 486 TOWNHOUSES, CLUB HOUSE & GUARD HOUSE, Dubai - UAE	<b>Employer:</b> M/s. Emaar Development PJSC
<b>Engineer:</b> M/s. Mirage Leisure and Development	<b>Contractor:</b> GCC CONTRACTING

<b>Discipline</b>	STR	<input checked="" type="checkbox"/> ARC	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b>	NH07-GCC-ARC-MAS-0036	<b>Rev.00</b>	
<b>Location</b> <small>(Specify Phase)</small>	The Valley – Rivana (486 Townhouses, Club House and Guard House)						<b>Unifier Record No.</b>	Sub no - 000773		
							<b>Date</b>	26/4/2024		

**LIST OF SUBMITTED ITEMS:**

Item	Description	No. of Copies	Remarks
1	Material Submittal for Shower Glass Partition	2 Hard & 1 Soft Copy	
<b>Manufacturer</b>	M/S. Feb Tech Glass Works L.L.C	Sample: <input checked="" type="checkbox"/>	
<b>Supplier</b>	M/S. Feb Tech Glass Works L.L.C		
<b>REF. SPEC(s):</b>	GL-02	<b>REF. DWG(s):</b>	
<b>COMPLIANCE STATEMENT</b>			

The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

<b>QA/QC Engineer</b> <i>[Signature]</i>	<b>Technical Manager</b> <i>[Signature]</i>	<b>Projects Director / Project Manager</b> <i>[Signature]</i> 29/04
---	--	---

**ENGINEER'S COMMENTS**

A  B  C  D  E   
**CODE B+R** — REFER TO DOCUMENT REVIEW REPORT  
**GLASS:** CONDITIONAL APPROVAL FOR 10mm tk tempered clear glass  
 \* final approval subject to prototype / first in place install by clear jugs  
**channel:** SS BRUSHED FINISH (316 GRADE) WET AREA APPLICATION TO BE  
 RESUBMITTED. (BIR)  
**SILICONE:** (clear) approved. NOT approved - To be anti-fungal ~~XXXX~~

**Reviewer's Name:** KIRAN. THAMPIL  
**Resident Engineer** *[Signature]* **Signature and Date:** *[Signature]* 06/05/2024

**Signature and Date:** \_\_\_\_\_ **Comments Sheet Attached:** Yes  No

**EMPLOYER'S REPRESENTATIVE COMMENTS** (code B+R) A  B  C  D  E   
*As per engineers recommendation* □

**Name & Signature:** \_\_\_\_\_ **Date:** *[Signature]* 06/05/24

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record



### MUDON CENTRAL PARK PROJECT (PHASE 1 & 2)

The Engineer: U+A

Main Contractor:	Metac General Contracting LLC	Package No:	21127
MEP Contractor:	Carawan Electrical & Mechanical Works		

#### MATERIAL SUBMITTAL

Date:	16.01.2024	Submittal No. :	21127-PH1&2-MAR-PL-0059-R3
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To The Engineer : Mr. Berge Nazarian (Resident Engineer)

New Submittal : Resubmittal :

MATERIAL DESCRIPTION	AS SPECIFICATION	[ <input checked="" type="checkbox"/> ]
MIRROR	ALTERNATIVE	[ <input type="checkbox"/> ]

Drawing Ref.	B.O.Q. Ref. No.	N/A
Specification Ref. 08 83 00	Standards , BS , DIN :	

(Attach all relevant technical literature marked to identify relevant descriptions , current test certificate , samples etc. )

<b>MANUFACTURER / SUPPLIER</b>	<b>DELIVERY</b>
Company Name : FEB TECH GLASS WORK	Country of Origin : As per attached country of origin
Address : UAE	Availability Locally Manufactured
Local Agent : FEB TECH GLASS WORK	C.C.A.S.G. Manufactured
	Production Period
	Delivery Ex-Works
	Total delivery time
	Overland
	Sea Freight
	Total Freight



PROGRAMME	Date material required on site	15.02.2024	MEP Contractor's PM :
	Estimated date of arrival on site	15.02.2024	Main Contractor's PM :

**Engineer's Comments :**

No objection to the proposed material subjected to:

- Comments on the attached (Data sheet & sample board)
- Mock-up approval on site.
- MIR to be submitted for each delivery to the site.
- Works to be executed as per the approved shop drawings and in accordance to approved projects quality plan.
- Storage, handling, and application should be as per the manufacturer's recommendations.
- Warranty to be provided as per specifications - 10 years from date of Substantial Completion.
- Subject to cost saving.

Approval Status  
 A. Approved [ ]    B. Approved with Comments     C. Rejected Revise & Resubmit [ ]    D. For Information [ ]

<b>RESIDENT ENGINEER</b>	<b>PROJECT MANAGER</b>	<b>Date :</b>
Employer's Comments :	02-02-2024	

Approval Status  
 A. Approved [ ]    B. Approved with Comments [ ]    C. Rejected Revise & Resubmit [ ]    D. For Information [ ]

<b>EMPLOYER</b>	<b>PROJECT MANAGER</b>	<b>Date :</b>

Distribution: Head Office  Client  QS  Others

21127 Mudon Central Park (Ph-1&2) U+A egis

**RECEIVED**

**17 Jan. 2024**

By: Amanat Time: 09:00am

# EMAAR

# mirage



## MATERIAL APPROVAL SUBMITTAL

<b>Project:</b> The Valley Development – Farm Garden Villas, Wellness Centre and Guard Houses, Dubai, UAE	<b>Employer:</b> M/s. Emaar Development PJSC
<b>Engineer:</b> M/s. Mirage Leisure and Development	<b>Contractor:</b> M/s. Engineering Construction & Reconstruction CO L.L.C

<b>Discipline</b>	STR	<b>ARC</b>	MEC	ELE	HVAC	Other:	<b>Submittal Ref. No.</b>	FGV-CRC-ARC-MAS-022	<b>Rev.</b> 00	
<b>Location</b> (Specify Phase)	THE VALLEY - FARM GARDENS VILLAS (Phase Code: FARM)						<b>Unifier Record No.</b>	/68		
							<b>Date</b>	15/12/2023		

### LIST OF SUBMITTED ITEMS:

Item	Description	No. of Copies	Remarks
1	MATERIAL SUBMITTAL For Shower Partition Along with Accessories	2 Hard & 1 Soft Copy	
<b>Manufacturer</b>	AGC / EUROART	<b>Sample:</b> <input checked="" type="checkbox"/>	
<b>Supplier</b>	Guardian Glass / EUROART		
<b>REF. SPEC(s):</b>		<b>REF. DWG(s):</b>	

**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

<b>QA/QC Engineer</b> 	<b>Technical Manager</b> 	<b>Project Manager</b> 
---------------------------	------------------------------	----------------------------

### ENGINEER'S COMMENTS

A  B  C  D  E

- Contractor to refer to the comments in attached cover page addendum and refer to sample approval based on ID MOM-02 client review held on 10-JAN-2024 and comply accordingly.
- Contractor shall proceed for prototype approval by Client / Engineer.



**Reviewer's Name:**

**Resident Engineer**

**Signature and Date:**

**Signature and Date:** 11-JAN-2024

**Comments Sheet Attached:** Yes  No

### EMPLOYER'S REPRESENTATIVE COMMENTS

A  B  C  D  E

As per Engineer's recommendation.

**Name & Signature:**

**Date:**

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record

# Falcon Island Villa Development (North and South), Al Hamra Village Al Jazeera Al Hamra, RAK, UAE

<b>Client:</b>  Al Hamra Real Estate Development	<b>Contractor:</b>  Construction & Reconstruction Engineering Company (CRC)	<b>Sub-Consultant:</b>  International Engineering Consultant	<b>Lead Consultant:</b>  JT & Partners Architectural and Engineering Consultant
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## MATERIAL / EQUIPMENT APPROVAL SUBMITTAL

Ref: CRC-FIV-MS-068  
 Rev: 01  
 Submission Date: 23<sup>th</sup> Feb. 2024

Discipline:	1. Civil <input type="checkbox"/>	3. Mechanical <input type="checkbox"/>	5. Plumbing <input type="checkbox"/>	7. Interior Design <input type="checkbox"/>	9. Authorities <input type="checkbox"/>
	2. Architectural <input checked="" type="checkbox"/>	4. Electrical <input type="checkbox"/>	6. Firefighting <input type="checkbox"/>	8. Landscape <input type="checkbox"/>	10. Speciality/Miscellaneous <input type="checkbox"/>



Title: Mirrors works

<b>Material Description:</b>	Mirrors works
<b>Drawing Ref.</b>	
<b>Specification Ref. (add Main Criteria if necessary)</b>	Arch Spec – Division 08 – Section 088300 – Mirrors

<b>Shipment</b>	<input checked="" type="radio"/> Land	<input type="radio"/> Sea	<input type="radio"/> Air	<b>ENCLOSURES</b>
<b>Anticipated date to be on site</b>	<input checked="" type="radio"/> Early 28/ 02/ 2024	<input type="radio"/> Late 10/ 03/2024		
<b>Manufacturer</b>	<input type="radio"/> Local	<input type="radio"/> Imported		
<b>Supplier</b>	<input checked="" type="radio"/> Local	<input type="radio"/> Imported		
<b>Sub-Contractor</b>	FEBTECH GLASS WORKS L.L.C			

- Relate Drawings
- Other contract documents
- Compliance statement
- Commercial/ Trade licence
- ISO-Certificate (If applicable)
- Catalogue/ Data sheets
- Test certificates/ MTC
- Sample submitted
- Warranty letter (Draft)
- Previous Approval (s)
- List of previous projects executed
- Photographs
- Alternate selection comparison list
- Method statement


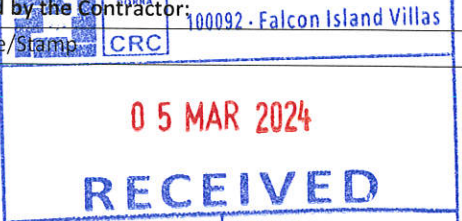
We confirm that the material hereby submitted is suitable for the conditions of use and confirms with the contract specification and all applicable codes, standards and statutory requirements. Acceptance of this material submittal does not alter in anyway whatsoever our contractual or common obligations and responsibilities. where the submittal is in any way in variance with the specification, such variations must be identified and brought to the attention of the engineer or engineer's representative on this form

<b>Issued by the Contractor:</b>	<b>Received by the Engineer:</b>
Signature/Stamp  Technical Manager: Mohamed El-Sayed Project manager: Mohamed El-Sayed 100092- Falcon Island Villas Date:	Signature/Stamp  RECEIVED 23 FEB 2024 Falcon Island Project # JT-P21006A RAK - UAE Date:

**THE ENGINEER'S REVIEW/ COMMENTS:**

- NO OBJECTION  
 - SUBJECT TO MOCK-UP APPROVAL  
 - Subject to the Sample approval.

<b>STATUS</b>	Code A <input type="radio"/> Approved	Code B <input type="radio"/> Approved as Noted	Code C <input type="radio"/> Revise & Resubmit	Code D <input type="radio"/> Rejected	Code E <input type="radio"/> Acknowledge/Noted as Received
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<b>Issued by the Engineer:</b>	<b>Received by the Contractor:</b>
Signature/Stamp  Falcon Island Project # JT-P21006A RAK - UAE 6/3/2024 JT+PARTNERS ARCHITECTURAL AND ENGINEERING CONSULTANT Date:	Signature/Stamp  100092 - Falcon Island Villas CRC 05 MAR 2024 RECEIVED Date:

Correction or comments made relative to submittals during this review DO NOT relieve the contractor from compliance with the requirements of drawings and specifications. This check is for review of general conformance with the design concept of the project.



مدينة الشارقة المستدامة  
SHARJAH SUSTAINABLE CITY



**JEET**  
CONSTRUCTION

**SAMPLE TAG**

Contract No. : 1657	Material No. : JEET/SSC-P4/MAR/ARC-0023 Rev. 00
Contract Title : Sharjah Sustainable City	Sample Tag No. : JEET/SSC-P4/STN/ARC-0045 Rev.00
Contractor : Jeet Construction LLC	Revision No. : 00
Subcontractor : M/s Feb Tech Glass Works LLC	Submission Date : 27-Dec-23
Phase : 04	

Product Name : Material Submittal for Mirror

Manufacturer / Supplier : M/s Feb Tech Glass Works LLC

TO : M/s SSC

FROM : M/s Jeet Construction LLC

**CONTRACTOR'S REVIEW:**

Contractor has reviewed this submittal prior to submission to the Engineer.

Name:



Sr. Projects Manager Ferras Al Zoghby

**MATERIAL DESCRIPTION:**

Area to be use : **Phase 04**

Product : Material Submittal for Mirror

ST No. : STN-ARC-0045 R.00



**SSC Resident Engineer's Comments:**

- Refer attached signed sample board image.

APPROVED

APPROVED AS NOTED

NOT APPROVED - RESUBMIT

**SSC CONSULTANT'S SIGNATURE**

For and on behalf of  
SSC

Qutaiba Elayan

Date : 28/12/2023



**SHARJAH SUSTAINABLE CITY COMMENTS AND SIGNATURE**



Date :



**mirage**



<b>Project</b> : ARABIAN RANCHES in PHASE 1C BLISS MAIN WORKS		<b>Employer</b> : M/s. Emaar Development PJSC	
<b>Engineer</b> : M/s. Mirage Leisure and Development		<b>Contractor</b> : M/s. Gingo General Contracting LLC	

<b>Discipline</b>	STR <b>ARC</b> MEC ELE HVAC	<b>Submittal Reference No.</b>	ARIII1C-GGC-ARC-MAS-048	<b>Rev.02</b>
<b>Location (Specify Phase)</b>	Phase 1C- (Bliss) Main Works- Town Houses	<b>Unifier Record No.</b>		
<b>LIST OF SUBMITTED ITEMS:</b>		<b>Date</b>	11 <sup>th</sup> February 2023	

Item	Description	No. of Copies	Remarks
01	Material Submittal for Shower Enclosure and Mirror	1 Hard & 1 Soft Copy	
<b>Manufacturer</b>	M/s. Febtech Glass Works L.L.C.	<b>Sample:</b>	
<b>Supplier</b>	M/s. Febtech Glass Works L.L.C.		
<b>REF. SPEC(s):</b>	ID Specification	<b>REF. DRWG(s):</b>	

**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

<b>QA/QC Engineer</b>	<b>Technical Manager</b>	<b>Projects Director / Project Manager</b>
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**ENGINEER'S COMMENTS**

A  B  C  D  E

- Final approval is subject to client's approval on the mockup
- The Contractor to ensure smooth mirror edging
- All glass supplied to the project to be low iron as per project requirement

**Reviewer's Name:** Matar **Signature and Date:** [Signature] 21/2/23

**Senior Resident Engineer**

**Signature and Date:** [Signature] 22/02/2023

**Comments Sheet Attached:** Yes  No

**EMPLOYER'S REPRESENTATIVE COMMENTS** A  B  C  D  E

Final Bulk Procurement AFTER EID Final Approval

**Name & Signature:** [Signature] **Date:** IN Mock up

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record

[Signature]  
Mirage Leisure and Development  
22/02/2023

Contract No. : 1657	Material No. : JEET/SSC-P4/MAR/ARC-0022 Rev. 00
Contract Title : Sharjah Sustainable City	Sample Tag No. : JEET/SSC-P4/STN/ARC-0043 Rev.00
Contractor : Jeet Construction LLC	Revision No. : 00
Subcontractor : M/s Feb Tech Glass Works LLC	Submission Date : 27-Dec-23
Phase : 04	

Product Name : Shower Glass Partition - Sample 1

Manufacturer / Supplier : M/s Feb Tech Glass Works LLC

TO : M/s SSC

FROM : M/s Jeet Construction LLC

CONTRACTOR'S REVIEW:

Contractor has reviewed this submittal prior to submission to the Engineer.

Name:

  
Sr. Projects Manager Ferras Al Zoghby

MATERIAL DESCRIPTION:

Area to be use : **Phase 04**

Product : Shower Glass Partition - Sample 1

ST No. : STN-ARC-0043 R.00



SSC Resident Engineer's Comments:

- Refer attached signed sample board image.

APPROVED

APPROVED AS NOTED

NOT APPROVED - RESUBMIT

SSC CONSULTANT'S SIGNATURE

For and on behalf of  
SSC

Qutaiba Elayan

Date : 28/12/2023



SHARJAH SUSTAINABLE CITY COMMENTS AND SIGNATURE



Date :

<b>CLIENT</b> 	<b>LEAD CONSULTANT</b> 	<b>MAIN CONTRACTOR</b> 
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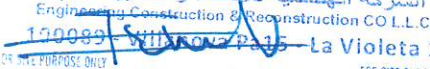
### PREQUALIFICATION SUBMITTAL

Project	:	DPG-0064 Villanova (PA15) La Violeta Phase 2
Client	:	Dubai Holding Real Estate LLC
Consultant	:	DEC Dynamic Design Studio LLC
Contractor	:	Engineering Construction & Reconstruction Company

DOCUMENT NO.	REV.	DATE	DISCIPLINE
VLV-P2-CRC-ARC-PQD-0009	00	25/01/2024	ARC

ITEM NO.	DOCUMENT DESCRIPTION
1	Pre-Qualification form M/s. FEB Tech Glass Works L.L.C. for Shower Glass Partition & Mirror Works

Note: We certify that the document submitted herewith has been reviewed in detail and is in strict conformance with the contract drawing and specification unless as stated otherwise.

Signature (Contractor's Representative):  Date: \_\_\_\_\_

DHRE Comments:  Applicable  Not Applicable

No objection to Consultant comments.

Name: \_\_\_\_\_ Signature:  Date: 06 Feb 2024

**DEC Comments:**  
 1- Subject to comply with Authority Regulation, project specification and required submittal approvals.  
 2- Final approval subject to satisfactory of work performance in accordance with project specification and standards.  
 3- Material, sample, method statement and shop drawings to be submitted for approval.  
 4- Warranty period as per project contract documents for material and workmanship to be submitted separately starting from the date of handing over.  
 5- Subject to Mock-up and DHRE approval.

Name: Amjed Signature: \_\_\_\_\_ Date: 05-02-2024

**DEC Project Director Comments:**

Name: **Mohamed Elbadawi** Signature:  Date: 05/02/2024

**Approval Status Code:**  
 A – Approved  
 B – Approved with Comments  
 C – Revise & Resubmit  
 D – Rejected

Any Approval, Check, certificate, Consent, Examination, Inspection, Instruction, Notice, Proposal, Request, Test, or Similar act by the Client / Consultant (Including absence of disapproval) shall not relieve the Contractor from any responsibility he has under the contract, including responsibility for errors, omissions, discrepancies and non-compliances.

Contract No. : 1657	Material No. : JEET/SSC-P4/MAR/ARC-0024 Rev. 00
Contract Title : Sharjah Sustainable City	Sample Tag No. : JEET/SSC-P4/STN/ARC-0046 Rev.00
Contractor : Jeet Construction LLC	Revision No. : 00
Subcontractor : M/s Feb Tech Glass Works LLC	Submission Date : 27-Dec-23
Phase : 04	

Product Name : Back Painted Glass

Manufacturer / Supplier : M/s Feb Tech Glass Works LLC

TO : M/s SSC

FROM : M/s Jeet Construction LLC

**CONTRACTOR'S REVIEW:**

Contractor has reviewed this submittal prior to submission to the Engineer.

Name:

  
Sr. Projects Manager Ferras Al Zoghby

**MATERIAL DESCRIPTION:**

Area to be use : **Phase 04**

Product : Back Painted Glass

ST No. : STN-ARC-0046 R.00



**SSC Resident Engineer's Comments:**

- Refer attached signed sample board image.

APPROVED

APPROVED AS NOTED

NOT APPROVED - RESUBMIT

**SSC CONSULTANT'S SIGNATURE**

For and on behalf of  
SSC

Qutaiba Elayan

Date : 28/12/2023



**SHARJAH SUSTAINABLE CITY COMMENTS AND SIGNATURE**



Date :

## Sample Material Approval Request

<b>Project Title:</b> Radiant Square Project, Plot RT3-13 <b>Address :</b> City of Lights, Reem Island, Abu Dhabi, UAE	<b>Developer :</b> Tamouh Investments <b>Sub Developer :</b> Radiant Enterprises Real Estate LLC <b>Consultant :</b> Architectural Consulting Group (ACG) <b>Contractor :</b> Malaih Investment & Proj. Dev't.
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<b>Submittal Ref No</b>	<b>Revision</b>	<b>Date of Submittal</b>
SMAR-PB-AR-SE-0290	0	13 OCTOBER 2023

<b>REFERENCE MATERIAL SUBMITTAL</b>	<b>Ref. No. MAR-PB-AR-SE-0480</b>	<b>Date: 13 OCTOBER 2023</b>
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**SAMPLE MATERIAL DESCRIPTION: SAMPLE FOR MIRROR FOR 3B2A & 3B2B.**

<b>Manufacturers Name &amp; Country of Origin:</b> FEBTECH	<b>List of Manufacturer as per Specification:</b> 1. 2. 3.	<b>References (pages &amp; item numbers) in:</b> 1. B o Q Ref No 2. Particular Spec 3. General Spec 4. Drawing Ref No:
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**ACG**  
 ARCHITECTURAL CONSULTING GROUP  
 Ref No 200005, Radiant Square At City Of Lights  
 RT3 C13, Reem Island, Abu Dhabi.

**INCOMING**

REF: 16 OCT 2023

DATE	COPY	ACT.	INFO

Stamp: 10:15 AM sha

<b>Prepared by (Contractor):</b> Date: _____ Signature: _____	<b>Reviewed by MEP coordinator:</b> Date: _____ Signature: _____	<b>Reviewed by Engineering Manager:</b> Name: _____ Signature: _____	<b>Approved for Submittal by Project Manager:</b> Name: _____ Signature: _____
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**For Use By Consultant:**  
**Comments:**

1. No objection in principle.
2. Submit key plans for material allocations.
3. At wood back panels; all edges to be treated in W/P paint, material to be submitted for approval.
4. Silicon application to follow the approved methods.

<b>Approval Status</b>	<input checked="" type="checkbox"/> A - Approved	<input type="checkbox"/> B - Implement Exceptions Noted	<input type="checkbox"/> C - Revise & Resubmit	<input type="checkbox"/> D - Rejected
<b>Consultant</b>	Name: AA / W		Signature: _____	Date: 27 OCT 2023

Note: The above comments / or approval does not relieve the Contractor from his obligation in the contract to ensure conformance to the specification. Any Deviations found subsequent to the approval are to be corrected by the contractor to the satisfaction of the Client / Consultant.

**CC:** Client: 1 copy  (With All Attachments)  (Cover Page only)

<b>Received By the Contractor:</b> Attachment Name: MALAIH INVESTMENT & PROJECTS DEVELOPMENT LLC Date: 27 OCT 2023	Signature: _____	Date: _____
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Section reserved for Contractor use only :



**MATERIAL AND SAMPLE SUBMITTAL FOR STAIRCASE HANDRAIL GLASS, SUBCONTRACTOR - FEBTECH**

<b>Project Name:</b>	Azizi Venice	<b>Project Code:</b>	1117
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1117-GBC-WF167918
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLc	<b>Date:</b>	21/08/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	All
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	GBC-VENICE-MS-AR-0030

Sub-contractor	Manufacturer	Supplier
FEBTECH	FEBTECH	FEBTECH

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">GBC-1117-MS-AX-AII-0010</a>	00	MATERIAL AND SAMPLE SUBMITTAL FOR STAIRCASE HANDRAIL GLASS, SUBCONTRACTOR - FEBTECH	Material Submittal	Approved as Noted

**Final Review and Comments**

SIDDIQUE P (360degree) - checked and verified  
Contractor to proceed as recommended, SIDDIQUE P (360degree) - checked and verified  
Contractor to proceed as recommended

Submittal Status:	<b>Completed</b>	Date:	<b>25/08/2023</b>
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*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*

**MATERIAL SUBMITTAL FOR SHOWER GLASS WORK - CP03-013 & 016**

<b>Project Name:</b>	Azizi Riviera Phase 3	<b>Project Code:</b>	1084P3
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P3-GABU-WF128770
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	17/04/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	MS-397

Sub Contractor:	Manufacturer Details:	Supplier Details:	Country of Origin
FEB TECH GLASS WORK LLC	FEB TECH GLASS WORK LLC	FEB TECH GLASS WORK LLC	Dubai, UAE

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P3-GABU-RV44C313-ALS-ARC-MAR-0001</a>	0	MATERIAL SUBMITTAL FOR SHOWER GLASS WORK - CP03-013 & 016	Material Submittal	B-Approved as Noted

**Final Review and Comments**

Approved as noted by Technical Team.

Mohammed Rahmathulla (360degree) - 1. Provide calculation to prove the thickness of glass meet the strength and structural requirement and eliminate the risk of distortion in finished surface.

2. All support systems shall be of adequate thickness and strength to meet the structural requirement.

3. Contractor to ensure the installed glazing system shall withstand normal thermal movement without failure including loss or glass breakage.

4. Coordinate with bathroom layout and submit detailed shop drawing for review.

5. Subject to mock up approval

6. Ensure the stability and integrity of the whole glass partition system.

7. All materials used in the wet area to be in 316 grade.

Submittal Status:	<b>Completed</b>	Date:	<b>24/04/2023</b>
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**MATERIAL SUBMITTAL FOR MIRROR IN PHASE 03, 8 Buildings**

<b>Project Name:</b>	Azizi Riviera Phase 3	<b>Project Code:</b>	1084P3
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P3-GABU-WF124433
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLc	<b>Date:</b>	30/03/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	MS-392

Sub Contractor:	Manufacturer Details:	Supplier Details:	Country of Orgin
FEB TECH GLASS WORK LLC	FEB TECH GLASS WORK LLC	FEB TECH GLASS WORK LLC	Dubai, UAE

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P3-GABU-FUT-ALS-ARC-MAR-0104</a>	0	MATERIAL SUBMITTAL FOR MIRROR IN PHASE 03, BUILDING 01,09,010,011,013,014,015,016	Material Submittal	B-Approved as Noted

**Final Review and Comments**

Approved as noted by Technical Team.  
 Mohammed Rahmathulla (360degree) - 1-technically no objection to the proposed mirror.  
 2-Contarctor to mentioned the location of installation of mirror.  
 3-Submit detailed drawing including the bathroom layout plans/elevation/installation detail for review.  
 4-Subject to sample selection

Submittal Status:	<b>Completed</b>	Date:	<b>04/04/2023</b>
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### Material Submittal & Sample for Mirrors

<b>Project Name:</b>	Azizi Amber	<b>Project Code:</b>	1003
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1003-GABU-WF164109
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	08/08/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	MIRRORS
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	ABR-AR-MS-0051-R1

Sub-contractor	Manufacturer	Supplier
	Febtech Glass Works LLC	Febtech Glass Works LLC

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1003-GABU-ALL-AX-MRR-MS-0001</a>	01	Material Submittal & Sample for Mirrors - Febtech Glass Works LLC	Material Submittal	Approved As Noted

#### Final Review and Comments

SIDDIQUE P (360degree) - checked and verified

Submittal Status: **Completed** Date: **16/08/2023**

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.



### Material Submittal and Sample for Shower Glass

<b>Project Name:</b>	Azizi Amber	<b>Project Code:</b>	1003
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1003-GABU-WF157598
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	18/07/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	GLASS & GLAZING
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	ABR-AR-MS-0053-R0

Sub-contractor	Manufacturer	Supplier
Febtech Glass Works LLC		

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1003-GABU-ALL-AX-GLG-MS-0002</a>	00	Material Submittal and Sample for Shower Glass - Febtech Glass Works LLC	Material Submittal	Approved As Noted

#### Final Review and Comments

Gian Nicolas (360degree) - Checked and verified

Refer Arch. Engineer's comments

Submittal Status:	<b>Completed</b>	Date:	<b>26/07/2023</b>
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Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.



### MATERIAL AND SAMPLE SUBMITTAL FOR MIRROR TYPICAL APARTMENT (TYPE 1)

<b>Project Name:</b>	Creekview II	<b>Project Code:</b>	CV
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	CV-GABU-WF159248
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	24/07/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	CV2-MS-AR-168-02

Sub contractor	Manufacturer Details:	Supplier Details:	Country of Orgin:
	Feb Tech Glass Work LLC	Feb Tech Glass Work LLC	UAE

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">CV-GABU-AL -ARC-MAR-0099</a>	02	MATERIAL AND SAMPLE SUBMITTAL FOR MIRROR TYPICA APARTMENT (TYPE 1)	Material Submittal	Approved As Noted

#### Final Review and Comments

Submittal Status: **Completed** Date: **31/07/2023**

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.

**MATERIAL AND SAMPLE SUBMITTAL FOR UPGRADED APARTMENT MIRROR WORK (TYPE 2)**

<b>Project Name:</b>	Creekview II	<b>Project Code:</b>	CV
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	CV-GABU-WF163095
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	04/08/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	CV2-MS-AR-170-02

Sub contractor	Manufacturer Details:	Supplier Details:	Country of Orgin:
	Feb Tech Glass Work LLC	Feb Tech Glass Work LLC	UAE

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">CV-GABU-AL -ARC-MAR-0101</a>	02	MATERIAL AND SAMPLE SUBMITTAL FOR UPGRADED APARTMENT MIRROR WORK (TYPE 2)	Material Submittal	Approved As Noted

**Final Review and Comments**

Submittal Status:	<b>Completed</b>	Date:	<b>09/08/2023</b>
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Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.



**MATERIAL SUBMITTAL FOR MIRROR COMMON AREA MAIDS BATHROOM (TYPE 3 & TYPE 4)**

<b>Project Name:</b>	Creekview II	<b>Project Code:</b>	CV
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	CV-GABU-WF161168
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	29/07/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	CV2-MS-AR-169-01

<b>Sub contractor</b>	<b>Manufacturer Details:</b>	<b>Supplier Details:</b>	<b>Country of Orgin:</b>
	Feb Tech Glass Work LLC	Feb Tech Glass Work LLC	UAE

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">CV-GABU-AL -ARC-MAR-0100</a>	01	MATERIAL SUBMITTAL FOR MIRROR COMMON AREA MAIDS BATHROOM (TYPE 3 & TYPE 4)	Material Submittal	Approved As Noted

**Final Review and Comments**

Submittal Status: **Completed** Date: **02/08/2023**

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*



**Material & Sample Submittal for Kitchen Backsplash (A-GL-01)**

<b>Project Name:</b>	Avenue	<b>Project Code:</b>	AVN
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	AVN-GABU-WF163681
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	07/08/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	A3-MS-132-00

<b>Manufacturer Details:</b>	<b>Supplier Details:</b>	<b>Sub Contractor:</b>
AGC Glass North America	FEB Tech Glass Works LLC	FEB Tech Glass Works LLC

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">AVN-GABU-AV3-TYR-ARC-MAR-0044</a>	00	Material & Sample Submittal for Kitchen Backsplash (A-GL-01)	Material Submittal	Approved As Noted

**Final Review and Comments**

<b>Submittal Status:</b>	<b>Completed</b>	<b>Date:</b>	<b>11/08/2023</b>
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*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*


**Material Submittal and Sample for Shower Glass**

<b>Project Name:</b>	Azizi Amber	<b>Project Code:</b>	1003
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1003-GABU-WF157598
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	18/07/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	GLASS & GLAZING
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	ABR-AR-MS-0053-R0

Sub-contractor	Manufacturer	Supplier
Febtech Glass Works LLC		

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1003-GABU-ALL-AX-GLG-MS-0002</a>	00	Material Submittal and Sample for Shower Glass - Febtech Glass Works LLC	Material Submittal	Approved As Noted

**Final Review and Comments**

Gian Nicolas (360degree) - Checked and verified

Refer Arch. Engineer's comments

Submittal Status: **Completed** Date: **26/07/2023**

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*


**MATERIAL SUBMITTAL FOR MIRROR IN PHASE 03, 8 Buildings**

<b>Project Name:</b>	Azizi Riviera Phase 3	<b>Project Code:</b>	1084P3
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	1084P3-GABU-WF124433
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLC	<b>Date:</b>	30/03/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	MS-392

Sub Contractor:	Manufacturer Details:	Supplier Details:	Country of Origin
FEB TECH GLASS WORK LLC	FEB TECH GLASS WORK LLC	FEB TECH GLASS WORK LLC	Dubai, UAE

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">1084P3-GABU-FUT-ALS-ARC-MAR-0104</a>	0	MATERIAL SUBMITTAL FOR MIRROR IN PHASE 03, BUILDING 01,09,010,011,013,014,015,016	Material Submittal	B-Approved as Noted

**Final Review and Comments**

Approved as noted by Technical Team.  
 Mohammed Rahmathulla (360degree) - 1-technically no objection to the proposed mirror.  
 2-Contractor to mentioned the location of installation of mirror.  
 3-Submit detailed drawing including the bathroom layout plans/elevation/installation detail for review.  
 4-Subject to sample selection

Submittal Status: **Completed** Date: **04/04/2023**

*Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.*

**Material Submittal Form**

<b>Section A. Submittal Details</b>		<input type="checkbox"/> Specified Material <input checked="" type="checkbox"/> Deviation	
Project Name: Sharjah Sustainable City - UAE	Project Number: 1657	Location: <b>Phase 03</b>	MSF Reference: JEET-SSC-P3-MAR-ARC-0042 Rev: 01
PM & Supervision: SSC		Main Contractor: Jeet Building Contracting LLC	Sub-Contractor / Supplier: Febtech Glass Works LLC
Date of Submittal: 19 July 23			
Scope: <input checked="" type="checkbox"/> Building <input type="checkbox"/> Infra <input type="checkbox"/> Landscape <input type="checkbox"/> Other (Specify):			
Trades/Services: <input checked="" type="checkbox"/> Architectural <input type="checkbox"/> Civil/Structural <input type="checkbox"/> Mech. <input type="checkbox"/> Elec. <input type="checkbox"/> Plum. <input type="checkbox"/> Other (Specify):			
Material Description: <b>Shower Glass Partition and Mirror Work</b>	Manufacturer: Guardian Glass	Local Representative: <b>JEET BUILDING CONT. LLC</b> P.O. Box : 36758, Dubai - U.A.E	
Specified Material / Make:	Country of Origin (Specified):	Delivery Period:	Required On:
Proposed Material / Make: <b>Shower Glass Partition and Mirror Work</b>	Country of Origin (Proposed): UAE	Alternative Comparison <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Consultant Approval Letter Ref. No.:
Reason for Deviation:		Time & Cost Implications:	
Submitted By: Jeet Building Contracting LLC		Authorized Signatory:  Sr. Projects Manager Ferras Al Zoghby	
Part A	<input checked="" type="checkbox"/> Cover Sheet		
Part B	<input type="checkbox"/> Project Specification <input checked="" type="checkbox"/> Spec. Compliance Statement <input type="checkbox"/> Sustainability Compliance		
Part C	<input checked="" type="checkbox"/> Product Data Sheet / Schedules <input checked="" type="checkbox"/> Calculations & Test Reports <input type="checkbox"/> Original Catalogue		
Part D	<input type="checkbox"/> Supplementary Design Data & Drawings <input type="checkbox"/> Supporting Documentation (for deviations)		
Part E	<input checked="" type="checkbox"/> Local Authority Approvals <input type="checkbox"/> References <input checked="" type="checkbox"/> Certifications <input checked="" type="checkbox"/> Warranties & Guaranties		
Part F	<input checked="" type="checkbox"/> Sample with Sample Tag <input type="checkbox"/> Other (Specify):		

**Section B. Material Submittal Attachment Details (tick as applicable)**

**Section C. Approval Details**

<b>Description:</b>	
Issued by [Name]:	Signature:
<b>Supervision Team Lead Sector Consultant's Comments:</b>	
Selected Trade/Service Eng.:	
- Refer to comments on attached response sheet.	
Name: Qutaiba Elayan	Signature:  Date: 24/07/2023
Other Trades comments (as needed):	
Name: .....	Signature: ..... Date: .....
<b>Project Manager</b>	<b>RETURNED TO CONTRACTOR –MAR STATUS</b>
Name: Muhsen Ahmad	A Approved
Signature:	B Approved with Comments (work may proceed) <input checked="" type="checkbox"/>
Date: 24-July-2023	C Revise and Resubmit (work may not proceed)
	D Rejected
	E Information / Record
SSC review / comments do not in any way imply acceptance and do not in any way absolve the contractor from fulfilling its contractual obligations including, but not limited to, material submittals, review, and approval, etc. Rejected submittals must be resubmitted for approval with all request documents & data. Contractor remains fully responsible for approved submittals under terms and conditions of the contract.	



**mirage**



<b>Project</b> : ARABIAN RANCHES III PHASE 1C BLISS MAIN WORKS		<b>Employer</b> : M/s. Emaar Development PJSC	
<b>Engineer</b> : M/s. Mirage Leisure and Development		<b>Contractor</b> : M/s. Gingo General Contracting LLC	

<b>Discipline</b>	STR	ARC	MEC	ELE	HVAC	<b>Submittal Reference No.</b>	ARIII1C-GGC-ARC-MAS-048	<b>Rev.02</b>
<b>Location (Specify Phase)</b>	Phase 1C- (Bliss) Main Works- Town Houses				<b>Unifier Record No.</b>			
<b>LIST OF SUBMITTED ITEMS:</b>						<b>Date</b>	11 <sup>th</sup> February 2023	

Item	Description	No. of Copies	Remarks
01	Material Submittal for Shower Enclosure and Mirror	1 Hard & 1 Soft Copy	
<b>Manufacturer</b>	M/s. Febtech Glass Works L.L.C.	<b>Sample:</b>	
<b>Supplier</b>	M/s. Febtech Glass Works L.L.C.		
<b>REF. SPEC(s):</b>	ID Specification	<b>REF. DRWG(s):</b>	

**COMPLIANCE STATEMENT** The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)

<b>QA/QC Engineer</b>	<b>Technical Manager</b>	<b>Projects Director / Project Manager</b>
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**ENGINEER'S COMMENTS**

A  B  C  D  E

- Final approval is subject to client's approval on the mockup
- The Contractor to ensure smooth mirror edging
- All glass supplied to the project to be low iron as per project requirement

**Reviewer's Name:** Matar **Signature and Date:** [Signature] 21/2/23

**Senior Resident Engineer**

**Signature and Date:** [Signature] 22/02/2023

**Comments Sheet Attached:** Yes  No

**EMPLOYER'S REPRESENTATIVE COMMENTS** A  B  C  D  E

Final Bulk Procurement AFTER EID Final Approval

**Name & Signature:** [Signature] **Date:** IN Mock up

Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Clauses 5.1 and 17.4 of the Conditions of Contract.

Approval Codes: A: Approved, B: Approved as Noted, C: Not Approved, Resubmit, D: Rejected, E: Information and Record

[Signature]  
Mirage Leisure and Development  
22/02/2023



**SUB-CONTRACTOR'S APPROVAL**  
MOHAMMED BIN RASHID AL MAKTOUM CITY  
DISTRICT ONE PHASE 3A.2 (PACKAGE 7,8,9)



<b>CONTRACT NO.:</b> DMS 147805, DMS 147819, DMS 147820	<b>EMPLOYER:</b> MOHAMMED BIN RASHID AL MAKTOUM CITY DISTRICT ONE	<b>REFERENCE NO.:</b> D1-PH3A.2-P7,8,9-RES-BGC-AE7-PRQ-GN-062
<b>PRINCIPLE CONSULTANT:</b> AE7 Morse Architecture & Engineering Consultant	<b>CONTRACTOR:</b> Bhatia General Contracting Company	<b>DATE:</b> 13-Feb-2022
<b>SUB-CONSULTANT:</b>	<b>SUB-CONTRACTOR'S APPROVAL</b>	



**1. SUB-CONTRACTOR'S PARTICULARS**

Company Name: M/s. Fab Tech Works LLC  
Company Line or Works: Shower Glass Partition Back Painted Glass and Mirror Work  
Address: P.O Box 235918, Dubai ,UAE



The following prequalifying documents should be enclosed

- Commercial Register   
  Founding Contract   
  Summary of Experience   
  Financial Status  
 Present Works   
  Company Staff   
  Company Equipment

**2. SUB-CONTRACTED WORKS:**

Section of the Works: Shower Glass Partition Back Painted Glass and Mirror Work  
BOQ Items: NA  
al Value of Sub-Contract (In Contract Rates): NA



Cumulative Value of Sub-Contracted works to-date (In Contract Rates): NA

Submitted by: Bhatia Gen. Contracting

Signature: *[Handwritten Signature]*



**3. ENGINEER'S REPRESENTATIVE'S COMMENTS:**

*No objection for proposed prequalification of M/s Fab tech subject to the approval of relevant material submitted which should be comprehensive and includes all supporting documents, test certificates and samples that demonstrate the full compliance with project specifications and authorities' regulations*







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## MATERIAL SUBMITTAL

<b>Project:</b> Dorchester Collection Hotel, Fit-out Resturnt Business bay Dubai, UAE- Level 17 Fuego Restaurant & Level 29 Rooftop Bar		<b>Contractor / Package</b> Khansaheb Civil Engineering LLC	<b>Document No.</b> KID-AX-MT-L29-00071	<b>Revision</b> 01
<b>To:</b>		Omniyat Middle East Real Estate Development LLC	Submittal Issue Date:	19/12/2022
<b>Discipline:</b> <input checked="" type="checkbox"/> Architectural <input type="checkbox"/> Structural <input type="checkbox"/> Structural Steel <input type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> Interior Design <input type="checkbox"/> Infrastructure <input type="checkbox"/> Landscape <input type="checkbox"/> Mechanical <input type="checkbox"/> Survey <input type="checkbox"/> Waterproofing <input type="checkbox"/> Ceiling <input type="checkbox"/> Others (Samples)				
<b>Description:</b> Material Submittal for 10mm Thick Low iron heat treated toughened glass and Hardwares @ Male and Female Washroom Glass Door		<b>Submission Type</b>		
		<input checked="" type="checkbox"/> Material Submission <input type="checkbox"/> Calculation <input type="checkbox"/> Pre-Qualification		<input type="checkbox"/> Manual <input type="checkbox"/> Report <input type="checkbox"/> Method Statement
<b>Location of Use:</b> Level 29 Male & Femlae Wahroom Door N/A		<b>Contract Specification Clause Ref:</b> _____		
<b>SPECIFIED</b>		<b>PROPOSED</b> <small>[NB: For alternative materials a Compliance Report must be provided]</small>		
MFR AGENT		MFR AGENT	Febtech Glass Works LLC	
MAKE/ MODEL		MAKE/ MODEL		
<b>Contractor Review Comments:</b>			Digital Stamping	
Mohammed Alkayyal Project Manager  Signature			19.12.2022 Date	
<b>Consultant Review Comments:</b>			Digital Stamping	
B. Glass approved Hinges to be updated based on new door design (to be provided by Omniyat to KID) Finish to be brushed Stainless Steel, suitable for outdoor use.				
Name..... A.Watson Signature.....  Date..... 22 December 2022				
<b>Lead Consultant Review Comments:</b>			Digital Stamping	
<b>Employer's Representative (Omniyat) Review Comments:</b>			Digital Stamping	
Refer to the attached comment sheet.			Code - B	
Ahmed Ibrahim AI 22 Dec 2022				
Name..... Signature..... Date.....				



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## MATERIAL SUBMITTAL

<b>Project:</b> Dorchester Collection Hotel, Fit-out Return Business bay Dubai, UAE- Level 17 Fuego Restaurant & Level 29 Rooftop Bar	<b>Contractor / Package</b> Khanasheh Civil Engineering LLC	<b>Document No.</b> KID-AX-MT-L29-00140	<b>Revision</b> 01
<b>To:</b>	Omniyat Middle East Real Estate Development LLC	<b>Submittal Issue Date:</b>	19/12/2022

**Discipline:**  Architectural  Structural  Structural Steel  Electrical  Plumbing  Interior Design  
 Infrastructure  Landscape  Mechanical  Survey  Waterproofing  Ceiling  Others (Samples)

<b>Description:</b> Material Submittal for GL-07 6mm thick Aged Bronze Mirror - Option-01, Option-02	<b>Submission Type</b> <input checked="" type="checkbox"/> Material Submission <input type="checkbox"/> Calculation <input type="checkbox"/> Pre-Qualification	<input type="checkbox"/> Manual <input type="checkbox"/> Report <input type="checkbox"/> Method Statement
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<b>Location of Use:</b> Level 29 Ceiling Cladding	<b>Contract Specification Clause Ref:</b> DC-RT_Detail Design Submission_Sheet - 000-01 - FINISHES SCHEDULE_Rev D_(GL-07)
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SPECIFIED		PROPOSED <small>(NB: For alternative materials a Compliance Report must be provided)</small>	
MFR AGENT		MFR AGENT	Febtech Glass Works LLC
MAKE / MODEL		MAKE / MODEL	

<b>Contractor Review Comments:</b>	<b>Digital Stamping</b>
<p>Mohammed Alkayyal Project Manager</p> <p><i>[Signature]</i> Signature</p> <p>19.12.2022 Date</p>	

<b>Consultant Review Comments:</b>	<b>Digital Stamping</b>
<p>Ⓑ Option 2 preferred</p> <p>A. Watson Name..... Signature..... Date 21-12-22</p>	

<b>Lead Consultant Review Comments:</b>	<b>Digital Stamping</b>

<b>Employer's Representative (Omniyat) Review Comments:</b>	<b>Digital Stamping</b>
<p>Refer to the attached Comment Sheet</p> <p>Ahmed Ibrahim Name..... Signature..... Date 22 Dec 2022</p>	<p>Code - B</p>



The Employer



mimar

The Consultant



شركة اري حيو للمقاولات ذ.م.م  
RAQ CONTRACTING CO L.L.C

The Contractor

**SAMPLE TAG**

**Project Title: SARAB 2 – FACILITY BUILDING AT AL JADA BLOCK G SHARJAH, UAE**

Submittal No.	RDJ164-RAQ-MIMAR-ST-AR-0055	Revision	00
Transmittal Ref.		Date	25-Oct-2022

Product Name:			
Model:	Guardian UltraClear Glass - Balcony Balustrade		
Spec. And/or Drawing Ref.		Where used	

Manufacturer Information:			
Address:	Feb Tech	Product Source:	

Supplier Information:			
Address:		Days required to deliver to site	

**Sample Description:**  
**Guardian UltraClear (Low Iron) Glass - Balcony Balustrade**  
 With reference to the Engineer's comments in the Inspection request (IR-CIV-4637) attached for reference to have ultra-clear glass, please find attached data sheet and glass sample for approval.  
 Note: - There will be a Cost impact subject to approval  
 We certify that the documents submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

Engr. Amro Hassan  
 Project Manager

Contractor's Name / Signature / Date

RECEIVED  
 29 OCT 2022



**Consultant Remarks**

\* No objection subject to:

- Glass must be fully tempered as per specs.
- Glass panels must be laminated as per project specs & requirements.
- Glass panels thickness to be considered as per the approved structural calculations.
- Cost impact reviews and approval by the relevant parties.
- No time impact shall be considered.

Approved	Approved as noted	Revise & resubmit	Not Required	Not Approved	Received By:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Contract Name / Signature / Date					Signature / Date:
29/10/2022					29/10/2022

- Glass processor to be submitted for approval.

ME-F1-05



Proposed Four [G+11+R] Residential & Commercial Buildings on Plot No. 3190310  
at Oud Metha, Dubai, UAE

CLIENT	CONSULTANT	CONTRACTOR
Al Nasr Club Investment Company LLC	Golden Square Engineering Consultant	Al Ashram Contracting LLC

**MATERIAL SUBMITTAL - CIVIL**

REF NO <b>AAC/222/MAS/C/100 R1</b>	DATE <b>08 APR 2021</b>
---------------------------------------	----------------------------

Material	Attachments	Reference
Shower Enclosure & Mirror	(x) Brochure	B.O.Q 1.9 Specifications
	( ) Catalogue ( ) Guarantee ( ) Samples	Bill no. 10 letter ref:GS-1815-Al-Ashram-2021-0163
Manufacturer	( ) Others	Use
M/s Feb Tech Glass Works LLC		At place For purpose
		Bathrooms Shower enclosures & mirrors
Supplier	Specified material	<input type="checkbox"/> Alternative proposal
M/s Feb Tech Glass Works LLC		Material Reason
Contractor's stamp & sign		Consultant's receipt date & sign

RECEIVED ON WITHOUT PREJUDICE BASIS  
CONTENTS SUBJECT TO VERIFICATION  
By: .....08800.& nomination.....



08 APR 2021

For Consultant's Use			
<input type="checkbox"/> Approved	<input checked="" type="checkbox"/> Approved as Noted	<input type="checkbox"/> Revise & Resubmit	<input type="checkbox"/> Rejected

**Comments:**

- DETAILED SHOP DRAWINGS SHALL BE APPROVED PRIOR TO FABRICATION WORKS.
- SHOWER DOOR KNOB SAMPLE SHALL BE FURNISHED. MR MDF DRAWING SHEETS TO BE FURNISHED
- MOCKUP SHALL BE CONSTRUCTED ON SITE FOR ENGINEERS REVIEW & APPROVAL.
- RELEVANT WARRANTY/GUARANTEE APPLIES ON PRODUCT & INSTALLATIONS.

**\*\* NOTE: Upon fixing this material at site the contractor shall obtain the consultant's re-approval without which payment may not be released**

- U CHANNEL TO HAVE SUFFICIENT THICKENED TO TAKE WEIGHT OF GLASS & NOT TO SHOW UNDULATIONS/DEFLECTIONS.
- ALL PRODUCTS / ALL SERIES SHALL BE S316 GRADE STAINLESS STEEL.
- HINGE MANUFACTURER BROCHURE / CATALOGUE SHALL BE FURNISHED


**Material & Sample Submittal for Kitchen Backsplash (A-GL-01)**

<b>Project Name:</b>	Avenue	<b>Project Code:</b>	AVN
<b>Client:</b>	Ms AZIZI DEVELOPMENTS	<b>Submittal Number:</b>	AVN-GABU-WF163681
<b>Consultant:</b>	M/s 360 Architectural Design Consultancy LLc	<b>Date:</b>	07/08/2023
<b>Contractor:</b>	Gardinia Building Contracting LLC	<b>Sub-discipline:</b>	
<b>Discipline:</b>	Architectural	<b>Specification ref:</b>	N/A
<b>BOQ:</b>		<b>Old Reference</b>	A3 MS 132 00

<b>Manufacturer Details:</b>	<b>Supplier Details:</b>	<b>Sub Contractor:</b>
AGC Glass North America	FEB Tech Glass Works LLC	FEB Tech Glass Works LLC

DOCUMENT NUMBER	REVISION	TITLE	TYPE	STATUS
<a href="#">AVN GABU AV3 TYR ARC MAR-0044</a>	00	Material & Sample Submittal for Kitchen Backsplash (A-GL-01)	Material Submittal	Approved As Noted

**Final Review and Comments**

Submittal Status:	<b>Completed</b>	Date:	<b>11/08/2023</b>
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Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.



**mirage**

MATERIAL APPROVAL SUBMITTAL									
Project : <u>AR III Development Phase-1A, 1B &amp; 1D on Plot No. 6481192 Town Houses at Wadi Al Safa 5, Dubai, UAE</u>					Employer : M/s. Emaar Development PJSC				
Engineer : M/s. Mirage Leisure and Development L.L.C					Contractor : M/s. Genco General Contracting LLC				
Discipline:	Struct S	Arch A	Mech M	Elect E	(Specify)	Submittal Ref:	GGC/140/MAS/213	REV. 00	
Location:	Town Houses- Phase 1A, 1B & 1D					Unifier Record #:			
LIST OF SUBMITTED ITEMS:						Date:	23 <sup>rd</sup> September 2021		
Item	Description				No. of Copies	Remarks			
01	Material Submittal for Mirror and Shower Glass Partition				02 Hard & 1 Soft Copy				
MAKE NAME	M/s. Feb Tech Glass Works L.L.C.								
SUPPLIER NAME:	M/s. Feb Tech Glass Works L.L.C.				<input type="checkbox"/> Sample				
REF. SPEC(s):	Section: ID Specifications. GL-100 & GL-101 + 08 8300 Mirrors & 08 8000 Glazing				REF. DRWG(s):				
COMPLIANCE STATEMENT	The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (Attach compliance statement)								
QA/QC Engineer	Construction Manager			Projects Director / Project Manager					
<b>ENGINEER'S COMMENTS</b>									
<p>A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> R <input type="checkbox"/></p> <p>- REFER TO THE COMMENTS IN THE ATTACHED SHEET .</p> <p>- NO OBJECTION TO THE MATERIALS SUBMITTED EXCEPT THE U-CHANNEL FOR SHOWER GLASS PARTITION . U-CHANNEL &amp; COVER PLATE TO BE RESUBMITTED FOR APPROVAL .</p>									
<p>Resident Engineer</p> <p>Signature and date: <i>[Signature]</i> 07/10/2021</p> <p>Comments Sheet Attached: Yes <input type="checkbox"/> No <input type="checkbox"/></p>									
<b>EMPLOYER'S REPRESENTATIVE COMMENTS</b>									
<p>A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> R <input type="checkbox"/></p> <p><i>[Signature]</i> 7/15/21</p>									
Name & Signature					Date				
<p>Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per clause 3.1.c of Conditions of Contract (FIDIC 1999)</p>									

Approval Codes: A: No Objection B: No Objection subject to comments C: Objection, Revise & Resubmit R: For Information



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## MATERIAL SUBMITTAL

<b>Project:</b> Dorchester Collection Hotel, Fit-out Return Business bay Dubai, UAE- Level 17 Fuego Restaurant & Level 29 Rooftop Bar	<b>Contractor / Package</b> Khanasheh Civil Engineering LLC	<b>Document No.</b> KID-AX-MT-L29-00140	<b>Revision</b> 01
<b>To:</b>	Omniyat Middle East Real Estate Development LLC	<b>Submittal Issue Date:</b>	19/12/2022

**Discipline:**  Architectural  Structural  Structural Steel  Electrical  Plumbing  Interior Design  
 Infrastructure  Landscape  Mechanical  Survey  Waterproofing  Ceiling  Others (Samples)

<b>Description:</b> Material Submittal for GL-07 6mm thick Aged Bronze Mirror - Option-01, Option-02	<b>Submission Type</b> <input checked="" type="checkbox"/> Material Submission <input type="checkbox"/> Calculation <input type="checkbox"/> Pre-Qualification	<input type="checkbox"/> Manual <input type="checkbox"/> Report <input type="checkbox"/> Method Statement
---	---	---

<b>Location of Use:</b> Level 29 Ceiling Cladding	<b>Contract Specification Clause Ref:</b> DC-RT_Detail Design Submission_Sheet - 000-01 - FINISHES SCHEDULE_Rev D_(GL-07)
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SPECIFIED		PROPOSED <small>(NB: For alternative materials a Compliance Report must be provided)</small>	
MFR AGENT		MFR AGENT	Febtech Glass Works LLC
MAKE / MODEL		MAKE / MODEL	

<b>Contractor Review Comments:</b>	<b>Digital Stamping</b>
<p>Mohammed Alkayyal Project Manager</p> <p><i>[Signature]</i> Signature</p> <p>19.12.2022 Date</p>	

<b>Consultant Review Comments:</b>	<b>Digital Stamping</b>
<p>Ⓑ Option 2 preferred</p> <p>A. Watson Name..... Signature..... Date 21-12-22</p>	

<b>Lead Consultant Review Comments:</b>	<b>Digital Stamping</b>

<b>Employer's Representative (Omniyat) Review Comments:</b>	<b>Digital Stamping</b>
<p>Refer to the attached Comment Sheet</p> <p>Ahmed Ibrahim Name..... Signature..... Date 22 Dec 2022</p>	<p>Code - B</p>



PROJECT NO.	JOB TITLE : PROPOSED G+3 RESIDENTIAL BUILDING AT AL BARSHA SOUTH FIRST - DUBAI, UAE
SERIAL NO. 01-	CONSULTANT : AL JABAL ENGINEERING CONSULTANCY
PLOT NO. 6711429	CONTRACTOR : INTERMASS ENGINEERING & CONTRACTING COMPANY L.L.C.

FORM NO. 1  
**APPLICATION FOR APPROVAL**

TO : AL JABAL ENGINEERING CONSULTANCY		ATTN: PROJECT MANAGER	
DOCUMENT REF. #	MG3_BTH_ARC_MAS_0038	REV.	01
DATE:	07-April-2022	NO. OF COPIES:	1

CONTRACTOR'S PROPOSAL

APPLICATION FOR APPROVAL OF :

<input type="checkbox"/> DESIGN	<input type="checkbox"/> QA/QC STATEMENT (M.S.)	<input type="checkbox"/> SAMPLE
<input type="checkbox"/> DRAWING	<input checked="" type="checkbox"/> MATERIALS	<input type="checkbox"/> TEST REPORT
<input type="checkbox"/> PREQUALIFICATION DOC.	<input type="checkbox"/> EQUIPMENT	<input type="checkbox"/> OTHERS



TITLE & DESCRIPTION : Material Submittal for Mirror

LOCATION

Description

SUPPLIED BY : M/s Feb Tech Glass Works  ENCLOSURE

INSTALLED BY : M/s Feb Tech Glass Works

<p>CONTRACTOR'S CONFIRMATION:</p> <p><input type="checkbox"/> CONFIRMS TO SPECIFICATIONS</p> <p><input type="checkbox"/> CONSIDERED TO BE EQUAL/BETTER THAN SPECIFIED</p> <p><input type="checkbox"/> ALTERNATIVE</p> <p>REASON FOR ALTERNATIVE: _____</p>	<p>REFERENCE TO CONTRACT DOCUMENTS</p> <p>(SECTION &amp; CLAUSE)</p> <p><input type="checkbox"/> BOQ ITEM NO. _____</p> <p><input type="checkbox"/> GENERAL SPEC. _____</p> <p><input type="checkbox"/> PARTICULAR SPEC. _____</p> <p><input type="checkbox"/> DRAWING REF. _____</p> <p><input type="checkbox"/> OTHERS: _____</p>
--	---

AL JABAL COMMENTS :	A	APPROVED
1) delivered Material to site shall be further investigated and randomly tested to comply with project spce.	B	APPROVED AS NOTED
2) Submit draft warranty (10 years)	C	REVISE AND RESUBMIT
3) subject to client approval	D	NOT APPROVED
4) Full size Mock-up shall be submitted for client / M/s SKD design final approval	E	FOR INFORMATION ONLY
5) submit more details for mirror accessories		
b) Pull out Test to be done and result to be submitted for approval		

<p>SUBMITTED BY CONTRACTOR</p> <p>SIGNATURE: </p> <p>NAME: Eng. Ahmed Daraghmeh</p> <p>DATE: 07-April-2022</p>	<p>STAMP</p> <p>INTERMASS ESTABLISHED 1977 ENGINEERING &amp; CONTRACTING CO. LLC P.O. Box 51072, Dubai (41)</p>	<p>ISSUED BY THE ENGINEER</p> <p>SIGNATURE: </p> <p>NAME: Mohd Al-Qaysi</p> <p>DATE: 14-April-2022</p>	<p>STAMP</p>
--	---	--	--------------


RECEIVED BY CONTRACTOR

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_



# OMNIYAT

BSBG

MATERIAL SUBMITTAL			
<b>Project:</b> Dorchester Collection Hotel, Fit-out Resturnt Business bay Dubai, UAE- Level 17 Fuego Restaurant & Level 29 Rooftop Bar		<b>Contractor / Package</b> Khanasheh Civil Engineering LLC	<b>Document No.</b> KID-AX-MT-L17-00278
<b>To:</b>		Omniyat Middle East Real Estate Development LLC	<b>Revision</b> 00
<b>Discipline:</b> <input checked="" type="checkbox"/> Architectural <input type="checkbox"/> Structural <input type="checkbox"/> Structural Steel <input type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> Interior Design <input type="checkbox"/> Infrastructure <input type="checkbox"/> Landscape <input type="checkbox"/> Mechanical <input type="checkbox"/> Survey <input type="checkbox"/> Waterproofing <input type="checkbox"/> Ceiling <input type="checkbox"/> Others		<b>Submission Type</b> <input checked="" type="checkbox"/> Material Submission <input type="checkbox"/> Calculation <input type="checkbox"/> Pre-Qualification <input type="checkbox"/> Manual <input type="checkbox"/> Report <input type="checkbox"/> Method Statement	
<b>Description:</b> Material Submittal for GL-01 6mm Thick Colored Silver Mirror @ Level 17 Butterfly Bar area		<b>Location of Use:</b> Level 17 Butterfly Bar area	
<b>Contract Specification Clause Ref:</b> GL-01		<b>PROPOSED</b> <small>(NB: For alternative materials a Compliance Report must be provided)</small>	
<b>MFR AGENT</b> MAKE/ MODEL	Febtech Glass Works LLC	<b>MFR AGENT</b> MAKE/ MODEL	Febtech Glass Works LLC
<b>Contractor Review Comments:</b>  Mohammed Alkayyal Project Manager  Signature:  Date: 28.12.2022		<b>Digital Stamping</b>	
<b>Consultant Review Comments:</b>  <i>Approval status - A (subject to approval of tech. compliances)</i>  Name: <i>QAM</i> Signature: <i>QAM</i> Date: <i>11/2023</i>		<b>Digital Stamping</b>	
<b>Lead Consultant Review Comments:</b>		<b>Digital Stamping</b>	
<b>Employer's Representative (Omniyat) Review Comments:</b>  Refer to the attached Comment Sheet  Ahmed Ibrahim AI 13 Jan 2023  Name: ..... Signature: ..... Date: .....		<b>Digital Stamping</b>  Code - B	

**PREQUALIFICATION SUBMITTAL TRANSMITTAL SHEET # 0048**

<b>Project Name</b>	1,127 Villas and Town Houses at "Malta" Cluster at "Damac Lagoons" Master Development, Hessa Street, Dubai, UAE	<b>Project No.</b>	P158.16
		<b>Date</b>	04/09/2023

<b>Submittal No.:</b>	P158.16 PQN CIV-0048	<b>Revision:</b>	00
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**Submittal Title:** Prequalification for Mirrors & Glass Works

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWGS. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
1	Section:	Prequalification for Mirrors & Glass Works	PQN	02 Hard + 01 Soft Copy	

TYPE: SD= Shop Drawings, SM= Sample, GT= Guarantee, MD=Manufacturer's Data, CT= Certificates, TT= Test Results, OT= Other

**Supplier / Manufacturer:** M/s. Feb Tech Glass Works LLC

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

<b>Contractor:</b> Eng. Mohammed Salah Sr. Project Manager	<b>Signature:</b>	<b>Received By</b>
	<i>[Signature]</i> Date: 04.09.2023	<i>[Signature]</i> Date: 04 SEP 2023 TIME: 11:00

**Resident Engineer Review Comments**

<p><i>NO OBJECTION TO THE ABOVE MANUFACTURER'S SUBCONTRACTOR FOR THE MIRROR &amp; GLASS WORKS SUBJECT TO FOLLOWING:</i></p> <ul style="list-style-type: none"> <li><i>CONTRACTOR TO ENSURE &amp; ARRANGE THE MATERIALS SUBMITTALS FULLY COMPLYING TO SPECIFICATION &amp; DRAWINGS REQUIREMENTS</i></li> <li><i>ARRANGE SHOP DRAWINGS FOR REVIEW</i></li> <li><i>FULLY COMPLY TO HSE REQUIREMENT</i></li> </ul>	<b>Consultant Decision</b>	
	<input type="checkbox"/>	<b>[A] Approved</b> Work may proceed
	<input checked="" type="checkbox"/>	<b>[B] Approved As Noted</b> Work may proceed, but Resubmit
	<input type="checkbox"/>	<b>[C] Not Approved</b> Work may not proceed, Revise and Resubmit
	<input type="checkbox"/>	<b>[D] Not Required</b> For Information Only

<b>Consultant:</b> M/s ECCE	<b>Signature:</b>	<b>Received By Contractor:</b>
	<i>[Signature]</i> Date: 06/09/2023	<i>[Signature]</i> Date: 21 SEP 2023

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for coordinating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

**Copy to:**

Employer Head Office  Consultant  QS  Other

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

*CONTRACTOR TO PROVIDE MATERIALS ALONG WITH THE SAMPLES AND ALL REQUIRED TEST AS PER ASTM 1503*



### Material Approval Request

Project Title: Pearl Bay Mix Development Project, Plot RT3-13  
Address : City of Lights, Reem Island, Abu Dhabi, UAE

Developer : Tamouh Investments  
Sub Developer : Radiant Enterprises  
Consultant : Architectural Consulting Group (ACG)  
Contractor : Malain Investment & Proj. Dev't.

Submittal Ref No	Revision	Date of Submittal
MAR-PB-AR-SE-0393	1	30 MARCH 2023

**Material Title: REPLY TO CONSULTANT COMMENTS.  
MATERIAL SUBMITTAL FOR SHOWER ENCLOSURE IN BATHROOM.**

Manufacturers Name & Country of Origin: FEB TECH	List of Manufacturer as per Specification: 1.	References (pages & item numbers) in: 1. B o Q Ref No: 2. Particular Specs.: 3. General Specs: 4. Drawing Ref No:
Supplier / Subcontractor Name: FEB TECH		

Attachments: 1- Product data/ Catalog 2- Specification 3- Samples

Prepared by (contractor): Date: Signature:	Reviewed by MEP coordinator Date: Signature:	Reviewed by Engineering Manager Name: Signature:	Approved for Submission by Project Manager Name: Signature:	<p>ACG</p> <p>RECEIVED BY CONSULTANT</p> <p>REP: 14 APR 2023</p> <p>Received by Consultant</p> <p>COPY ACI INFO</p> <p>DATE: 20 APR 2023</p> <p>AR</p> <p>ST</p> <p>SIGNATURE:</p> <p>EE</p> <p>Stamp:</p> <p>TO</p> <p>TIME: 12:20pm</p>
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For Use By Consultant:  
Comments:

- In principle, the proposed material is aesthetically acceptable.
- Contractor to provide full mock up for engineer review and inspection.
- All used materials must be as approved.
- All works shall be done only after MEP clearance.

Approval Status	A - Approved	B - Implement Exceptions Noted	C - Revise & Resubmit	D - Rejected
Consultant	Name: MB / W Signature: Date: 20 APR 2023			

Note: The above comments / or approval does not relieve the Contractor from his obligation in the contract to ensure conformance to the specification. Any Deviations found subsequent to the approval are to be corrected by the contractor to the satisfaction of the Client / Consultant.

CC: Client: 1 copy  (With All Attachments)  (Cover Page only)

Received By the Contractor (One copy) with	Signature:	Date:
Name:		
Section reserved for Contractor use only	MALAIN INVESTMENT & PROJECT	



### Sample - Material Approval Request

Project Title : "AK Tower" Residential Building  
Address : Plot E-40,C-47, Danet Abu Dhabi, UAE

Client : A&K International Investments L.L.C.  
Consultant : Architectural Consulting Group (ACG)  
Contractor : Malaih Investment & Project Development L.L.C.

Submittal Ref No	Revision	Date of Submittal
AKT-SC-MSAM-CV-047	1	19-Dec-2022

REFERENCE MATERIAL SUBMITTAL	Ref. No. AKT-SC-MSUB-CV-109-Rev.01/ AKT-SC-MSUB-CV-110-Rev.01	Date: 19-Dec-22
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SAMPLE MATERIAL Description: Mirror & Shower Material Trade Name :

Manufacturers Name & Country of Origin: Supplier / Subcontractor Name: M/s Feb Tech Glass Works LLC	List of Manufacturer as per Specification: 1. 2. 3. 4.	References (pages & item numbers) in: For Shaft Above Ceiling
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ACG architectural consulting group  
170015 - AK TOWER RESIDENTIAL BUILDING  
PLOT E-40, C-47 AT DANET, ABU DHABI

INCOMING

REF: 19 DEC 2022  
DATE: 19 DEC 2022

Received by Consultant

COPIES	ACT.	INFO
PM		
AR		
ST		
ME		
ID		

Stamp: TIME: 15:11 PM

Prepared by (sub-contractor): Date: Signature:	Reviewed by main Contractor Malaih Investment & Project Development LLC Date: 19-12-2022 Signature:	Received by Consultant Date: Signature:
Reviewed by Engineering Manager Name: Signature:	Approved for Submittal by Project Manager Name: Eng. Farid Farid Signature: AK TOWER	Stamp: TIME: 15:11 PM

For Use By Consultant:  
Comments:  
- The proposed sample is aesthetically acceptable.  
- Contractor to provide full mock-up for engineer inspection.

Approval Status	A - Approved	<input checked="" type="radio"/> B - Implement Exceptions Noted	C - Revise & Resubmit	D - Rejected
Consultant	Name: Musaab Signature: Date: 21-12-2022			

Note: The above comments / or approval does not relieve the Contractor from his obligation in the contract to ensure conformance to the specification. Any Deviations found subsequent to the approval are to be corrected by the contractor to the satisfaction of the Client / Consultant.

CC: Client: 1 copy  (With All Attachments)  (Cover Page only)

Received By the Contractor - One copy with Attachment Name: Signature:	RECEIVED SITE DC Date: 21 DEC 2022 AK TOWER Malaih Investment & Project Development LLC
--	--

Section reserved for Contractor use only :



**INSPECTION REQUEST**

**Project Title: B+G+5 NEST STUDENT ACCOMMODATION BUILDINGS ON PLOT NO. 3288/9, SHARJAH - UAE.**

Inspection Request (IR) No.:	IR-FEB-058	REV. :	0
IR title:	Vanity Mirror installation		
Purpose of Inspection:	Work inspection	Date:	16 /10/2022

**Description:**  
Installation 6mm saint gobain mirror with 16 mm MDF backing

Location	Building No: 8, Fourth Floor - All Apartments		
Attachments:	Highlighted Drawings		
Reference Number	536 SHJ20/MTS-C-073		
Reference Contract Documents	Volume 2 Book 3		
Last Inspection No.:	Date:	Time:	
<b>Co-ordination Of Disciplines:</b>			
Project Engineer:	Project QA/QC:	Sub- Contractors / Other: FEBTECH GLASS	
Name / Signature / Date/Time	Name / Signature / Date/Time	Name / Signature / Date/Time	
MEP Coordinator :			
Name / Signature / Date/Time			
Contractor Name / Signature / Date/Time			
The checking and approval by the Consultant's shall not relieve the Contractor of his obligation to perform the work in accordance with the Contract documents and requirements of safety.			
Ready for Inspection By Date:	17 /10/2022	Time:	11:00 AM

**Received by Consultant:**

\_\_\_\_\_  
Consultant Name / Signature / Date/Time

**Inspection Result:** After inspection of the above. The following is noted.

Refer to the comments of IR-059

RS  
17/11/22

PROJECT - NAS	
Date	
Consultant	
Management	
M.O	
P.D	✓
P.M	✓
C.M	✓
T.E	✓
Plan.E	✓
IM-MEP Co	
HSE	
MEP S.I.C.	
External S.I.C.	
S.I.C.	
Others	
P.E	✓
QC	✓

Accepted without Objection
  Accepted Subject to the Notes attached
  Rejected due to the notes Notes attached

Received By: \_\_\_\_\_  
Signature / Date: \_\_\_\_\_

Consultant Name / Signature / Date

17/11/22

6/16/2021

Cherry Wood

Employer: 	Employer's Representative: 	Contractor: 	Contractor's Consultant: 	Material Submittal	
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**Section A. Submittal Details**

Specified Vendor

<b>Project Name:</b> Cherrywood – Design & Construction of 378 Townhouses		Ref: <b>AMSC-CW-CVL-AR-MTS-068-RO</b>	Rev: 0
Date of Submittal: 17-6-2021			
<b>Material Description:</b> Material submittal for Mirror - Feb Tech Glass Mirror supply and works		Spec. Reference:	
Trades/Services: ARCHITECTURAL	Supplier: Feb Tech Glass Mirror supply and works	Local Representative:	
Specified Material / Make: Pilkington/Guardian/Saint Gobain/AGC	Country of Origin (Specified): UAE	Alternative Comparison <input type="checkbox"/> Yes <input type="checkbox"/> NO	Consultant Approval LTR Ref:
Proposed Material / Make: Guardian	Country of Origin (Proposed): UAE	Delivery Period:	Required On:
Reason for Deviation:	Time & Cost Implications:		
Submitted By: Mohammad Moneer	Authorized Signatory: <b>19 JUN 2021</b>		

**Section B. Material Attachment Details (tick as applicable)**

Part A	<input type="checkbox"/> Cover Sheet	Ref:	
Part B	<input type="checkbox"/> Project Specification	<input type="checkbox"/> Spec. Compliance Statement	<input type="checkbox"/> Sustainability Compliance
Part C	<input checked="" type="checkbox"/> Product Data Sheet / Schedules	<input type="checkbox"/> Calculations & Test Reports	<input type="checkbox"/> Original Catalogue
Part D	<input type="checkbox"/> Supplementary Design Data & Drawings	<input type="checkbox"/> Supporting Documentation (for deviations)	
Part E	<input type="checkbox"/> Local Authority Approvals	<input type="checkbox"/> References	<input type="checkbox"/> Certifications <input checked="" type="checkbox"/> Warranties & Guaranties
Part F	<input checked="" type="checkbox"/> Sample with Sample Tag	<input type="checkbox"/> Other (Specify)	

**Section C. Approval Details**

Consultant		
<b>Status</b>	<b>Comments</b>	<b>Authorized Signature</b>
<input checked="" type="checkbox"/> Code A – Approved <input type="checkbox"/> Code B - Approved as Noted, Resubmit <input type="checkbox"/> Code C – Rejected, Resubmit <input type="checkbox"/> Code D – Incomplete, <input type="checkbox"/> Code E – Information, Record	Follow material submittals exactly. 6mm glass - 8mil safety film	Lead Consultant: 
Sub-Consultant:		

Note: If there are additional comments, please use continuation sheet.

**For North25 Internal Use:**

North25 Review:	<input type="checkbox"/> Applicable	<input type="checkbox"/> Not Applicable
<b>Status</b>	<b>Comments</b>	<b>Authorized Signature</b>
<input type="checkbox"/> No Objection <input type="checkbox"/> No Objection w/ comments <input type="checkbox"/> Objection		Project Manager:

North25 review / comments do not in any way imply acceptance and do not in any way absolve the contractor and contractor's consultant from their responsibility in fulfilling their contractual obligation, including, but not limited to, technical submittal, review and approval, etc. Rejected submittals must be resubmitted for approval with all requested documents & data. Contractor remains fully responsible for approved submittals under terms and conditions of the contract.

**CIVIL INSPECTION REQUEST**  
**SARAB 2 VILLAS**

Inspection Request (IR) No.:	RDJ164-RAQ-MIMAR-IR-CIV-4636- Rev.00		
IR title:	Inspection of Shower Glass Partition (Mock-Up)		
Purpose of Inspection:		Date:	14.10.2022

<b>Description:</b>			
Inspection of the Installation of Bathtub Glass Partition in Villa 022 Master Bathroom ( <b>Mock-Up by M/s Febtech</b> )			
Exact Location:	Villa 022 Master Bathroom		
Attachments:	Site Layout, Material Submittal, Drawings, Photos		
Reference Drawing			
Reference Contract Documents	N/A		
Last Inspection No.:	Date:	Time:	

<b>Co-ordination Of Disciplines:</b>		
Project Engineer:	Project QA:	Sub-Contractor /Other:
Name / Signature / Date/Time	Name / Signature / Date/Time	Name / Signature / Date/Time
Mechanical Engineer:	Electrical Engineer:	HVAC Engineer:
Name / Signature / Date/Time	Name / Signature / Date/Time	Name / Signature / Date/Time

<b>Issued by Contractor:</b>			
Contractor Name / Signature / Date/Time			
Engr. Amro Hassan			
The checking and approval by the Consultant's shall not relieve the Contractor of his obligation to perform the work in accordance with the Contract documents and requirements of safety.			
Ready for Inspection By Date:	15.10.2022	Time:	3:00PM

<b>Received by Consultant:</b>
Consultant Name / Signature / Date/Time

<b>Inspection Result:</b> After inspection of the above, The following is noted.			
<p>* Refer to and Comply with Comments on the attached sheets.</p> <p>* Subject to:</p> <ul style="list-style-type: none"> <li>- Material submittal and samples review and approval.</li> <li>- Shop drawings and details review and approval.</li> <li>- Glass panels to be fully tempered.</li> <li>- Comply with all attached Comments.</li> </ul>			
Accepted without Objection	Accepted Subject to the notes	Rejected due to the notes	Received By:
<input type="checkbox"/>	<input checked="" type="checkbox"/> Notes attached <input checked="" type="checkbox"/>	<input type="checkbox"/> Notes attached <input type="checkbox"/>	
Consultant Name / Signature / Date		Signature / Date:	

Distribution:	<input type="checkbox"/> PM (Original)	<input type="checkbox"/> Consultant	<input type="checkbox"/> QS	<input type="checkbox"/> Contractor	<input type="checkbox"/> Others
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\* Gap to be maintained between glass panel and adjacent ledge, sample to be provided for final approval.

<p>The Employer</p>  <p><b>PAVILION</b> HOTEL MANAGEMENT LLC</p>	<p>The Engineer</p>  <p><b>LACASA</b> Architects &amp; Engineering Consultants</p>	<p>The Contractor</p>  <p><b>AROMA</b> (ش.م.م.) INTERNATIONAL BUILDING CONTRACTING L.L.C.</p>
<p>3B+G+9 STOREY 3 STAR HOTEL BUILDING @ AL JADAF, Plot No- 3260889</p>		
<p><b>MATERIAL APPROVAL SUBMITTAL</b></p>		
<p>Date: 30-03-2020</p>	<p>Reference: AIBC/CIVIL/MAT-061 Rev. 00</p>	
<p>Material Description: Mirror</p>		
<p>Model Number, Brand or Code of Proposed Material: Belgium Glass</p>	<p><input type="checkbox"/> Refer to the Attached Summary of Proposed Materials</p>	
<p>Location of Use: Guest Room, Guest Room Toilets &amp; Public Toilets</p>		
<p>Specification Section: 088300</p>		
<p>Manufacturer Details Name: M/s Feb Tech Glass Works LLC Country of origin: Dubai, UAE Address: PO Box : 235918</p>	<p>Supplier Details Name: M/s Feb Tech Glass Works LLC Country of origin: Dubai, UAE Address: PO Box : 235918</p>	
<p>1. Compliance statement should be included in the submittal. 2. Copy of the Contract Specification Section should be included in the submittal 3. All sheets must be signed &amp; sealed by the Contractor and the Specialist Subcontractor(s) 4. Submittal reference number should be noted on the attachments 5. Draft Warranty Attached 6. Method Statement &amp; Risk Assessment Attached</p>		
<p>The Contractor Representative Signature:  Jayakrishnan Date: - 30-Mar-2020</p>		
<p><b>THE ENGINEER COMMENTS:</b> - Refer to attached comment sheet.</p>		
<p><b>THE EMPLOYER COMMENTS:</b></p>		
<p><b>ACTION: (As Marked)</b></p>		
<p>APPROVED</p>	<p>APPROVED AS NOTED</p>	<p>REVISE AND RESUBMIT</p>
<p>SAMPELS AND/OR ADDITIONAL DATA REQUIRED</p>		<p>NOT APPROVED</p>
<p>Reviewed By:</p>	<p>For The Engineer: </p>	<p>For The Employer: </p>

**AROMA**  
Received on:   
Date: 31/03/2020 Time: 11:50 PM



**mirage U.A.E**



SHOP DRAWING SUBMITTAL							
<b>Project</b>	AR III Development Phase-1A, 1B & 1D on Plot No. 6481192 Town Houses at Wadi Al Safa 5, Dubai, UAE				<b>Employer</b>	M/s. Emaar Development PJSC	
<b>Engineer</b>	M/s. Mirage Leisure and Development L.L.C				<b>Contractor</b>	M/s. Ginco General Contracting LLC	
<b>Discipline:</b>	Struct S	Arch A	Elect E	Mech M	Gen (Specify)	<b>Submittal Ref:</b>	GGC/140/SPD/ARC/305 REV. 00
<b>Location:</b>	Club House – Phase 1A,1B & 1D				<b>Date:</b>	9 <sup>th</sup> March-2022	
LIST OF SUBMITTED ITEMS:							
Item	Description				No. of Copies	Remarks	
(1 of 1)	Shop drawing submission for Mirror & Shower Plan, Elevation & Fixing Details Club House 1A,1B & 1D				01 Hard & Soft Copy		
<b>REF. SPEC(s):</b>					<b>REF. DRG(s):</b>		
<b>COMPLIANCE STATEMENT</b>	The Contractor hereby confirms that the submitted items have been coordinated and reviewed in detail and are correct and in strict conformance with the Contract Documents.						
<b>QA/QC Engineer</b>	<b>Construction Manager</b>			<b>Projects Director / Project Manager</b>			
ENGINEER'S COMMENTS							
<p>A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> R <input type="checkbox"/></p> <p>① FOR SUPPORTS FOR FIXING OF GLASS SHOWER PARTITION FRAME @ CEILING.</p> <p>② PROVIDE END CAPS TO SHOWER GLASS PARTITION FRAME.</p> <p>③ MITERED JOINTS TO BE DONE PROPERLY.</p> <p>④ REFER TO APPROVED SAMPLES &amp; MATERIAL SUBMITTAL.</p>							
<p>Name, Signature and date : _____</p> <p>Comments Sheet Attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>							
EMPLOYER'S REPRESENTATIVE COMMENTS							
<p>A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> R <input type="checkbox"/></p>							
<b>Name &amp; Signature</b>				<b>Date</b>			
<p>Note: The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per clause 3.1.c of Conditions of Contract (FIDIC 1999)</p>							



Approval Codes: A: No Objection B: No Objection subject to comments C: Objection, Revise & Resubmit R: For Information

Submittal Title:	Pre-qualification for Supply & Installation of Mirrors by M/S (FEB TECH GLASS WORKS LLC).	Date	09/12/2023
Submittal No.:	AAC-P238-PQ-ARC-052	Revision	00

We are sending herewith under separate cover (please check one box):

<input type="checkbox"/> Test Results	<input checked="" type="checkbox"/> Pre-Qualification	<input type="checkbox"/> Report	<input checked="" type="checkbox"/> Certificate	<input type="checkbox"/> Operation Manual
<input type="checkbox"/> Specification	<input type="checkbox"/> Quality Plan	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Calculations	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Schedule	<input type="checkbox"/> Health & Safety Plan	<input type="checkbox"/> Inspection & Test Plan	<input type="checkbox"/> Sample	

Ref. No.	Description	Rev	Copies	Remarks
AAC-P238-PQ-ARC-052	Pre-qualification for Supply & Installation of Mirrors by M/S (FEB TECH GLASS WORKS LLC).	00	01	

Spec./Drawing ref: SECTION 08 83 13-MIRRORS

<input checked="" type="checkbox"/> Architectural	<input type="checkbox"/> Landscape	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Plumbing	<input type="checkbox"/> Others (Specify)
<input type="checkbox"/> Structural	<input type="checkbox"/> Infrastructural	<input type="checkbox"/> Electrical	<input type="checkbox"/> Interior	

Supplier/Manufacturer:	M/S FEB TECH GLASS WORKS LLC
Sub-Contractor Company: M/S FEB TECH GLASS WORKS LLC	Contractor Name: Al Ashram Contracting L.L.C.
Name:	Name: Mr. Jehad Youssef
Signature:	Signature: <i>[Signature]</i>
Date:	Date: 09/12/2023



We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

Signature / Date:

**Consultant Remarks**

- Proposed Subcontractor has been, previously, approved by Client in 3A Phase and Safa A Packages.
- Certificates to be attached, such as ISO Certificates.
- List of Key Personnel/CV's to be attached.
- Processor certifications to be attached (attached Guardian Glass Certificate is expired).
- Material Submittal, Method of Statement and Shop Drawings to be submitted to the Engineer for his review and approval.
- Glass for Mirrors shall be procured from the approved Vendors' List, and in case procured from Saint Gobain, it shall fall within the range of products for which Subcontractor is approved as a processor (processor certificate).

*19/12/23*

A. Approved <input type="checkbox"/>	B. Approved as Noted <input checked="" type="checkbox"/>	C. Revise and resubmit <input type="checkbox"/>	D. Not Approved <input type="checkbox"/>	Received By:
Consultant Name / Signature / Date <i>[Signature]</i>			Signature / Date: <i>[Signature]</i>	



Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.



Distribution:	<input type="checkbox"/> (Original)	<input type="checkbox"/> QS	<input type="checkbox"/> Contractor	<input type="checkbox"/> Others
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13-JULY-2021

**SAMPLE TAG**

Project:	1190 – Vida Hotels & Residences Plot 3920453 - Dubai Marina Yacht Club	Contract:	C23 (BOH)
Drawing ref no.:	AS PER ID IFC DRAWINGS		
Material Submittal ref no.:	CIVIL-SAM-0328 R6 - SPID-TR-0130 R6		
Specifications ref no.:			
Item description:	PHYSICAL SAMPLE FOR PATCH FITTING AND ACCESSORIES FOR SHOWER GLASS PARTITION, GLASS-TO-GLASS HINGE / HANDLE / U CHANNELS > ACCESSORIES 1. SATINOVO SILKY FINISH GLASS 2. GLASS TO GLASS HINGE – BLACK POWDER COATED 3. S.S 304 HANDLE 25X25X600MM – BLACK POWDER COATED 4. U CHANNEL 20X16X20MM 5. U CHANNEL 30X16X30MM > LEVEL, L06, L07, L20 – L24 & L41 – L50 (Refer CIVIL-PQ-0081 R1) NOTE: ALTERNATIVE SUPPLIER		
Area of usage:	PATCH FITTING AND ACCESSORIES FOR SHOWER GLASS PARTITION, GLASS-TO-GLASS HINGE / HANDLE / U CHANNELS		
Manufacturer/Supplier:	M/s. FEB-TEC GLASS WORK LLC		

**Sub-Contractor Statement:**

We certify that the material submitted herewith is a specimen of the material which to be used in the areas described above, and in compliance with the contract drawings and specification except as otherwise stated on the related Material Submittal Form.

Mr. Ajay Khanna

**SPML Engineer's Comments:**

Status:  A - Approved  B - Approved with comments  C - Not approved/Resubmit

Comments:

— **KLD**  
Refer to comments on Technical Submittal

**SPML Engineer:**

Name: **Damian Talbot**

Signature:

**KLD Representative's Comments:**

Status:  A - Approved  B - Approved with comments  C - Not

Comments:

**KLD Representative:**

Name:

Signature:

Form no.KLD-SF29/01-Oct-2018/Rev.0

**SHOP DRAWING / SUBMITTAL REVIEW**

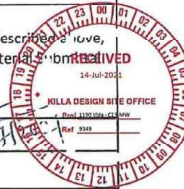
Code A	APPROVED Work can proceed
<input type="checkbox"/>	
Code B	APPROVED AS NOTED Work can proceed incorporating the comments
<input checked="" type="checkbox"/>	
Code C	NOT APPROVED Revise & Resubmit
<input type="checkbox"/>	
Code D	FOR INFORMATION
<input type="checkbox"/>	

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOBSITE FOR TOLERANCE, CLEARANCE, QUANTITIES, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH CONTRACT DOCUMENTS.

Reviewed by:

Date: **29-July-2021**

Sign:





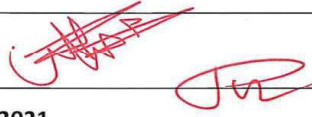
PLOT 27 -BURJ CROWN – 2B+G+6P+37 FLOORS AT DOWNTOWN DUBAI  
 CLIENT: EMAAR PROPERTIES PJSC  
 CONSULTANT: DUBAI CONSULTANTS LLC  
 CONTRACTOR: AL BASTI & MUKTHA LLC

Submission Ref. No.	ABM-SPQ-019	Rev:	0	Date:	20/6/2021
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Status:	Approved with noted
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**Comments/Observations:**

- **No Objection** Subject to Submit / Comply with:-
  - a- Contractor to submit the updated license ( expiry on 29/6/2021) prior to any Material Procurement..
  - b- Full **Technical Submittal** for Approval including (not limited to) :-
    - 1- Compliance statement with the Project's specs.
    - 2- Tests Reports from independent lab for proposed material specs.
    - 3- Pervious Approval for proposed materials.
  - c- **Method Statement** for Engineer Approval including (not limited to):-
    - 1- Inspection and Test plan (ITP).
    - 2- Check List for the Project.
    - 3- Risk Assessment.
  - d- **Detailed Shop drawings** for Engineer Approval.
  - e- **Performance** on Site Approval/ Satisfactory.
  - f- **Draft Warranty** for Engineer Review / Approval.
  - g- **Project Programme**, Man Power histogram, Organization Chart with details.

Name:	Mohammed Gamal
Signature:	
Date:	20/6/2021

<table border="1"> <tr> <td>Cat</td> <td>Approval Status</td> </tr> <tr> <td>A</td> <td>Approved</td> </tr> <tr> <td><input checked="" type="radio"/> B</td> <td>Approved with comments as noted. Resubmission not required.</td> </tr> <tr> <td>C</td> <td>Approved with comments. Resubmission required incorporating comments.</td> </tr> <tr> <td>D</td> <td>Not Approved</td> </tr> </table>	Cat	Approval Status	A	Approved	<input checked="" type="radio"/> B	Approved with comments as noted. Resubmission not required.	C	Approved with comments. Resubmission required incorporating comments.	D	Not Approved	<p>This Approval is limited to the review of the structural design. It does not absolve the contractor and his design team of their responsibility regarding correctness, adequacy and safety of their design and details nor does it relieve the contractor from any of his contractual obligations.</p> <p>Approval Category: Approved By:</p>
Cat	Approval Status										
A	Approved										
<input checked="" type="radio"/> B	Approved with comments as noted. Resubmission not required.										
C	Approved with comments. Resubmission required incorporating comments.										
D	Not Approved										
	<p><b>Dubai Consultants</b>          Architects Engineers Design Consultants          P.O. Box: 81385 Dubai, UAE          T: +971 4 3260431 F: +971 4 3062437          www.dubaiconsultants.ae</p>										



**MATERIAL SUBMITTAL FORM**

Project Title:	Construction of Nest Student Accommodation (B+G+5 Floor), Al Jada, Sharjah	Project No.:	536 SHJ20
Submittal Title:	Material Submittal for Mirror	Date:	25-Aug-21
Submittal No.:	536 SHJ20/MTS-C-073	Revision:	3

We are sending herewith under separate cover (please check one box):

<input type="checkbox"/> Shop Drawings	<input checked="" type="checkbox"/> Sample	<input type="checkbox"/> Quality Plan	<input type="checkbox"/> Inspection & Test Plan	<input checked="" type="checkbox"/> Material
<input type="checkbox"/> Test Results	<input type="checkbox"/> Schedule	<input type="checkbox"/> Manufacturer's data	<input type="checkbox"/> Health & Safety Plan	<input type="checkbox"/> Certificate
<input type="checkbox"/> Specification	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Method Statement	<input type="checkbox"/> Operation Manual	<input type="checkbox"/> Others

Sl No.	Reference No.	Description	Rev	Copies	Remarks
1	536 SHJ20/MTS-C-073	<b>Material Submittal for Mirror</b> 1) Mirror - Saint Gobain Mirror 2) Saint Gobain Planilague- Lalquered Glass 3) Mirror Edge Sealant  <i>Sample Board Enclosed in Rev.00</i> <i>Compliance, Drawings, Draft Warranty Enclosed</i> From: Sub. Cont: M/s Feb Tech Glass Works LLC	3		

Spec./ Drawing ref.:

Subcontractor/Supplier/Manufacturer: Sub. Cont: M/s Feb Tech Glass Works LLC

Contractor Name: **Eng. Adnan Malaeb** Signature: Date: 25-Aug-21 Received By:

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

**Consultant Remarks**

Refer to attached comments

PROJECT - M/S	Date	Consultant	Management	W/O	PE	CEM	TE	Frame	HA/MEP Co	HSE	MEP S/C	External S/C	S/C	Others	QC	PE	DC


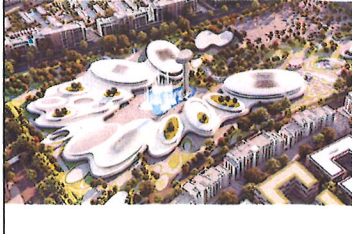


Approved	Approved as noted	Revise & Resubmit	Not Required	Not Approved	Received By:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Consultant Name / Signature / Date: Signature / Date:

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and

Distribution:	<input type="checkbox"/> PM (Original)	<input type="checkbox"/> Consultant	<input type="checkbox"/> QS	<input type="checkbox"/> Contractor	<input type="checkbox"/> Others
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 <b>ARADA</b> The Developer	 <b>mimar</b> The Consultant	 <b>RAQ</b> The Contractor
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## CIVIL MATERIAL SUBMITTAL MADAR 2 PHASE 2

<b>Submittal Title:</b>	SAMPLE SUBMITTAL FOR MIRRORS AND BACKPAINTED GLASS WORKS	<b>Date</b>	10/May/2023
<b>Submittal No.:</b>	RDJ169-RAQ-MIMAR-MAT-CIV-139	<b>Revision</b>	03

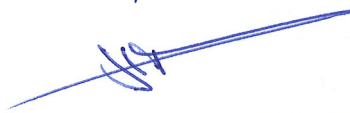

We are sending herewith under separate cover (please check one box):

<input type="checkbox"/> Shop drawings	<input checked="" type="checkbox"/> Sample	<input type="checkbox"/> Quality Plan	<input type="checkbox"/> Inspection & Test Plan	<input type="checkbox"/> Calculations
<input type="checkbox"/> Test Results	<input type="checkbox"/> Schedule	<input checked="" type="checkbox"/> Manufacturer's data	<input type="checkbox"/> Health & Safety Plan	<input type="checkbox"/> Certificate
<input type="checkbox"/> Specification	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Method Statement	<input type="checkbox"/> Operation Manual	<input checked="" type="checkbox"/> Other

Ref. No.	Description	Rev	Copies	Remarks
	<b>SAMPLE SUBMITTAL FOR BACKPAINTED GLASS (FOR COMMENTED ITEMS ONLY) (BACKPAINTED GLASS WITH CALIGRAPH @PRAYER ROOMS)</b>	02	01	(1sets hard copy & 1 CD)
Spec./Drawing ref:		N/A		




<b>Subcontractor/Supplier/Manufacturer:</b>		M/s. FAB TECH GLASS WORKS LLC	
Contractor Name:	Signature:	Date:	Received By:
<b>Engr. Ahmed Abdullah</b> Technical Manager			
<b>Eng. Amro Hassan</b> Project Manager			
We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.			



Consultant Remarks				
<p>&gt; Detailed shop drawings to be provided for review and approval.</p> <p style="text-align: right;"></p>				
Approved <input type="checkbox"/>	Approved as noted <input checked="" type="checkbox"/>	Revise & Resubmit <input type="checkbox"/>	Not Required <input type="checkbox"/>	Not Approved <input type="checkbox"/>
Consultant Name / Signature / Date  11/5/23			<b>RECEIVED</b> 23 <sup>rd</sup> May 2023 Received By: 6:02 pm Signature / Date:	

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

<b>Distribution:</b>	<input type="checkbox"/> PM (Original)	<input type="checkbox"/> Consultant	<input type="checkbox"/> QS	<input type="checkbox"/> Contractor	<input type="checkbox"/> Others
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 <p><b>ARADA</b> The Developer</p>	 <p><b>mimar</b> The Consultant</p>	 <p><b>RAQ</b> The Contractor</p>
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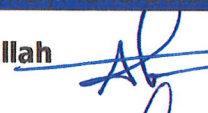
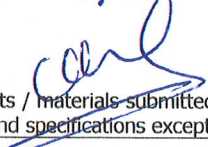
## CIVIL MATERIAL SUBMITTAL MADAR 2 PHASE 2



<b>Submittal Title:</b>	SAMPLE SUBMITTAL FOR MIRRORS AND BACKPAINTED GLASS WORKS	<b>Date</b>	13/April/2023
<b>Submittal No.:</b>	RDJ169-RAQ-MIMAR-MAT-CIV-139	<b>Revision</b>	02

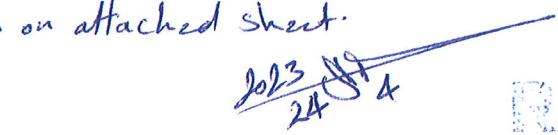
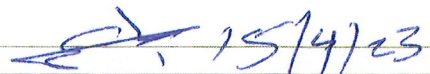
We are sending herewith under separate cover (please check one box):

<input type="checkbox"/> Shop drawings	<input checked="" type="checkbox"/> Sample	<input type="checkbox"/> Quality Plan	<input type="checkbox"/> Inspection & Test Plan	<input type="checkbox"/> Calculations
<input type="checkbox"/> Test Results	<input type="checkbox"/> Schedule	<input checked="" type="checkbox"/> Manufacturer's data	<input type="checkbox"/> Health & Safety Plan	<input type="checkbox"/> Certificate
<input type="checkbox"/> Specification	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Method Statement	<input type="checkbox"/> Operation Manual	<input checked="" type="checkbox"/> Other

Ref. No.	Description	Rev	Copies	Remarks
	<b>SAMPLE SUBMITTAL FOR MIRRORS AND BACKPAINTED GLASS WORKS (FOR COMMENTED ITEMS ONLY)</b> <b>GL06 BACKPAINTED GLASS RAL-7047</b> <b>BACKPAINTED GLASS WITH CALIGRAPH @PRAYER ROOMS</b>	02	01	(1sets hard copy & 1 CD)
Spec./Drawing ref:		N/A		

<b>Subcontractor/Supplier/Manufacturer:</b>		M/s. FAB TECH GLASS WORKS LLC	
Contractor Name:	Signature:	Date:	13 <sup>th</sup> April 2023
<b>Engr. Ahmed Abdullah</b> Technical Manager			
<b>Engr. Amro Hassan</b> Project Manager			
We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.			

Consultant Remarks				
<p>&gt; Refer to the Comments on attached sheet.</p> <p style="text-align: right; color: blue;">2023/4/24</p> <div style="text-align: right;">  <p style="font-size: 2em; color: blue; opacity: 0.5;">RECEIVED</p> <p style="color: blue;">DATE: 25<sup>th</sup> April 2023</p> <p style="color: blue;">BY: 8:00 Am Sjo S</p> </div>				
Approved	Approved as noted	Revise & Resubmit	Not Required	Not Approved
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Consultant Name / Signature / Date				Received By:
 <p style="font-size: 1.5em; color: blue;">15/4/23</p>				Signature / Date:

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

<b>Distribution:</b>	<input type="checkbox"/> PM (Original)	<input type="checkbox"/> Consultant	<input type="checkbox"/> QS	<input type="checkbox"/> Contractor	<input type="checkbox"/> Others
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<p>The Employer</p> 	<p>The Engineer</p> <p><b>LACASA</b> Architects &amp; Engineering Consultants</p>	<p>The Contractor</p> <p><i>AOC</i></p> <p><b>AIROLINK</b> Project Movers in Quality Construction</p>
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**Project: B+G+M+1 COMMERCIAL BUILDING, PLOT NO. 3764769, UMM SUQEIM DUBAI**

**SUBCONTRACTOR / SUPPLIER APPROVAL REQUEST**

Date: 24-Feb-19      Reference: ABC/1058/SAR/LAE/087      Rev.      00

Trade Name Of The Subcontractor/Supplier:

**M/s FEB TECH GLASS WORKS L.L.C**

Scope:  
**Supply & Installation of Glass & Aluminum Works (Alternate)**

\* Pre-qualification documents should be attached and complete including valid trade license and declaration statement from the Subcontractor/Supplier confirming his awareness and compliance with the project Specification, Drawings, Design Requirements and Safety Regulations and local authority's rules & regulation.

The Contractor Representative Signature

Project Manager :

Signature

Date: 24/02/2019

**THE ENGINEER COMMENTS**

- ⓐ Subject to their performance @ site.
- ⓑ To comply with Approval Drawings, Specs & local Authorities requirements
- ⓒ Sufficient man power to be provided @ site to complete outstanding works
- ⓓ This Approval only for Alumin & glazing works only

**THE EMPLOYER COMMENTS**

- ⓐ Guarantees / Warranties to be submitted as per Contract requirements
- ⓑ made up to be done @ site for final approval.
- ⓒ Approved materials & accessories to be used

**ACTION: (As Marked)**

APPROVED

APPROVED AS NOTED

APPROVED AS NOTED - RESUBMIT

ADDITIONAL DATA REQUIRED

NOT APPROVED

Reviewed By:

For The Engineer

For The Employer:



**Material Submittal Form**



**Section A. Submittal Details**

Project Name: Sharjah Sustainable City - UAE		Project Number: 1657	Location: Phase 02	MSF Reference: JCC-SSC-PH2-MAR-A-0124	Rev: 00
PM & Supervision: SSC		Main Contractor: Jeet Building Contracting LLC		Sub-Contractor / Supplier: Feb Tech Glass Works LLC	
Scope: <input checked="" type="checkbox"/> Building <input type="checkbox"/> Infra <input type="checkbox"/> Landscape <input type="checkbox"/> Other (Specify):					
Trades/Services: <input checked="" type="checkbox"/> Architectural <input type="checkbox"/> Civil/Structural <input type="checkbox"/> Mech. <input type="checkbox"/> Elec. <input type="checkbox"/> Plum. <input type="checkbox"/> Other (Specify):					
Material Description: Shower Accessories (Due to Unavailability of Approved Material)		Manufacturer: HONGKONG Jinhuida Hardware Products Co. LTD		Local Representative: Feb Tech	
Specified Material / Make: Shower Accessories (Due to Unavailability of Approved Material)		Country of Origin (Specified):		Delivery Period: Required On	
Proposed Material / Make: Shower Accessories (Due to Unavailability of Approved Material)		Country of Origin (Proposed): UAE		Alternative Comparison <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Reason for Deviation:		Time & Cost Implications:			
Submitted By: Jeet Building Contracting LLC		Authorized Signatory:  Project Manager Ferras Al Zoghby			



Part A	<input checked="" type="checkbox"/> Cover Sheet		
Part B	<input type="checkbox"/> Project Specification	<input type="checkbox"/> Spec. Compliance Statement	<input type="checkbox"/> Sustainability Compliance
Part C	<input checked="" type="checkbox"/> Product Data Sheet / Schedules	<input checked="" type="checkbox"/> Calculations & Test Reports	<input type="checkbox"/> Original Catalogue
Part D	<input type="checkbox"/> Supplementary Design Data & Drawings	<input type="checkbox"/> Supporting Documentation (for deviations)	
Part E	<input checked="" type="checkbox"/> Local Authority Approvals	<input type="checkbox"/> References	<input type="checkbox"/> Certifications <input checked="" type="checkbox"/> Warranties & Guaranties
Part F	<input checked="" type="checkbox"/> Sample with Sample Tag	<input type="checkbox"/> Other (Specify):	

**Section B. Material Submittal Attachment Details (tick as applicable)**

**Section C. Approval Details**

Description:	
Issued by [Name]:	Signature:
Supervision Team Comments:	
Selected Trade/Service Eng.:	
- Proposed alternative material is approved.	
- This approval is subject to random test for delivered material to site, if any delivered material was not SS 316 contractor is fully responsible to replace all the materials.	
- Installation to be as per approved shop drawings and mock-up	
- Refer attached sample tag.	
Name: Qutaiba Elayan	Signature:  Date: 09/02/2023
Other Trades comments (as needed):	
Name:	Signature: Date:
Project Manager	<b>RETURNED TO CONTRACTOR – MAR STATUS</b>
Name: Muhsen Ahmad	A Approved
Signature:	B Approved with Comments (work may proceed) <input checked="" type="checkbox"/>
Date: 09-Feb-2023	C Revise and Resubmit (work may not proceed)
	D Rejected
	E Information / Record
SSC review / comments do not in any way imply acceptance and do not in any way absolve the contractor from fulfilling its contractual obligation, including, but not limited to, material submittals, review, and approval, etc. Rejected submittals must be resubmitted for approval with all requested documents & data. Contractor remains fully responsible for approved submittals under terms and conditions of the contract.	

**INSPECTION REQUEST FORM (I.R.F.)**



**Emirates Engineer Consulting Engineering L.L.C.**  
U.A.E., DUBAI  
P.O. BOX: 94920  
Phone: +971 42969211  
Fax: +971 42969212  
Email: eece1964@eim.ae

**RECEIVED**  
05 FEB 2020  
APD  
& @ PM

**Emirates Engineer Consulting Engineering L.L.C.**  
U.A.E., SHARJAH  
P.O. BOX: 20216  
Phone: +971 65532300  
Fax: +971 65532332  
Email: eece1959@eim.ae

Job No: EECE 13/42

Project: Proposed Luxury Hotel Apartment Building (B+G+14) And Services Building (B+G)  
On Plot No. 326-848 at Al Jadaf Area - Dubai

Requested By: Fino International LLC

Name: Mr. Samer Al Kharouf

Position: Project Manager

IRF Ref: EECE/1342/FINO/IRF/2585

Rev:01

Date:05/Feb/2020

The following works / items will be ready, which may be inspected on 06/02/2020 at 03:00 pm

Location: Level-4, Room-401 & 403 , Maids toilet

Work Inspection: Inspection request for completion of fixed glass partition  
( As per attached highlighted Drawing & Email attached)

Specification Requirements:

Inspection to be Conducted By:

Received By \_\_\_\_\_ Consultant/Client: \_\_\_\_\_ Date: \_\_\_\_\_

Inspected By:

Approved

Approved Subject To

Not Approved

Consultant / Client Comments: ① No objection for installation of fixed glass





② To Coordinate with Multilum and Star factory for any adjustment.

③ Approved subject to final inspection

*[Signature]*

Signature: \_\_\_\_\_

Date: 06.02.2020

					
					
Project Name: DPAM-0013 AL KHALIL GATE INTERNAL PLOT DEVELOPMENT, DUBAI UAE					
Date: 08-01-2019		Reference No : PQ/BHE/231/018		Rev. 01	
<b>REQUEST FOR SUB-CONTRACTOR APPROVAL</b>					
Discipline <input type="checkbox"/> Architectural <input type="checkbox"/> Mechanical <input type="checkbox"/> Plumbing <input checked="" type="checkbox"/> Structural <input type="checkbox"/> Sewerage <input type="checkbox"/> Electrical <input type="checkbox"/> General					
SUBCONTRACTOR NAME		Contact Person		Mobile No.	
FEB TECH GLASS WORK		Mr. Muhd Resheem		989110	
Address: Dubai, UAE					
Country		Telephone no.		Fax No.	
Dubai, UAE		04-2662292			
<b>Description of work to be subcontracted</b>					
ITEM DESCRIPTION	Aluminium Profile and Accessories				
BOQ ITEM REF.	Bill no. 11				
SPECIFICATION CLAUSE REF.	SECTION - 111600				
DRAWING REF.	A201 & A202				
Is Approval of Local Authority required? <input type="checkbox"/> Yes <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A					
If Yes, Specify:-					
Date of Submission	8-Jan-19		Approval Requested By		22 Jan 19
Enclosures 2 Copies	<input checked="" type="checkbox"/> Commercial Registration <input checked="" type="checkbox"/> Key personnel & organization Chart <input checked="" type="checkbox"/> Summary of Experience <input checked="" type="checkbox"/> Company Profile <input type="checkbox"/> Authority Approvals		<input type="checkbox"/> Equipment List <input checked="" type="checkbox"/> ISO Certificates <input type="checkbox"/> Financial Statement <input checked="" type="checkbox"/> Others		
Contractor's Comments:					
Contractor's Authorized Signatory: Aslam Mulla (Sr. Project Manager)			Date: 08-01-19		
<b>Consultant Review Status</b>					
<b>STATUS</b>					
<input type="checkbox"/> A. Approved <input checked="" type="checkbox"/> B. Approved as noted <input type="checkbox"/> C. Revise & Resubmit <input type="checkbox"/> D. Rejected					
ENGINEER'S COMMENTS			CLIENT'S COMMENTS		
-provide ISO certificates					
Engineers Representative:			Clients Representative:		
Signature & Date			Signature & Date		

15-1-2019

**MATERIAL INSPECTION REQUEST (MIR)**

**Contract No:** \_\_\_\_\_ **Work Package No: A-069**

**GTGC-A069-CIV-MIR. No: 928** **26/10/2017**

**DESCRIPTION OF MATERIAL** : Door, Door Frames, Wardrobes, Cupboards, Bedroom Desks, Living room Desk, Sofa Back Unit & Wall Cladding

**MATERIAL APPROVAL No.** : GTGCE-A-069-MT-CIV-A-132,Rev.00  
: GTGCE-A-069-MT-CIV-A-119,Rev.00,01,02,03,04

**MATERIAL QUANTITY** : AS PER ATTACHED DELIVERY NOTES

**TECHNICAL SUBMITTAL No** : GTGCE-A-069-MT-CIV-A-132,Rev.00  
: GTGCE-A-069-MT-CIV-A-119,Rev.00,01,02,03,04

**SPECIFICATION OR CONTRACT DOCUMENT REFERENCE** : ID SPECS & BOQ-ADDITIONAL WORKS  
: SECTION 08 10 00; BOQ: Bill No. 08

**MANUFACTURER (NAME & ADDRESS)** : M/s Ghantoot Group – Interior Design - Fit-out Division.

**SUPPLIER AND/OR LOCAL AGENT** : M/s Ghantoot Group – Interior Design - Fit-out Division

**AREA/LOCATION OF USE** : SERVICE APARTMENTS TOWER Level 5-8



**Inspection By: Contractor's QC/QA** **Date: 26/10/2017**

**Name: RAGESH ALOLLATHIL** **Dept: QA/QC**

**Dept: QA/QC** **Sign:** \_\_\_\_\_

**Remark:** \_\_\_\_\_





**Supervision Consultant's Inspection Comments:** **Date: 6/11/2017** **Time:** \_\_\_\_\_


**Name: A. C. / B. C. S. A.** **Dept: H. D. / K. S. A.** **Sign: [Signature]**

**Comments:**  
Materials noted onsite - Quality inspection to be carried out on installation.

**[Signature]**  Approved  Rejected

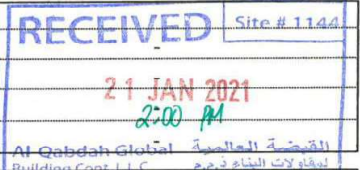
 <b>خطيب وعلمي</b> Khatib & Alami	 <b>القبة</b> AL QABDAH	<b>MATERIAL APPROVAL REQUEST</b>
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<b>Project :</b> The Gate Tower, Plot No. 140 - Al Khan, Sharjah	<b>Ref No. :</b> QBC-1144-MAS-A-0416-00
<b>Project Management (Name)/(NA):</b>	<b>Date :</b> 12.Jan.2021 <b>Revision:</b> 00
<b>Contractor :</b> Al Qabdha Global Building Contracting LLC	<b>Project No. :</b> 1144
<b>FROM :</b> Feb Tech	<b>TO :</b> Khatib & Alami

<b>Attachments :</b> <input checked="" type="checkbox"/> Samples <input checked="" type="checkbox"/> Original Brochures <input checked="" type="checkbox"/> Specification Comparison Sheet <input checked="" type="checkbox"/> (Others) as attached	<b>Discipline :</b> <input type="checkbox"/> Structural <input checked="" type="checkbox"/> Architectural <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Others	<b>Approval Required By Date</b> 
---	--	--

Attach all relevant literature marked by "clouding": to identify relevant description, current test certificates, samples as appropriate.

<b>Material Description :</b>	<b>Shower Enclosure &amp; Hardwares</b>	<b>FOR ENGINEER USE ONLY</b>  <input type="checkbox"/> (A) Proceed <input checked="" type="checkbox"/> (B) Proceed as Noted (Resubmit when compiled)  <b>Required:</b> <input type="checkbox"/> Samples <input type="checkbox"/> Test Certificate <input type="checkbox"/> Original Brochure <input type="checkbox"/> Manufacturer's Guarantee <input type="checkbox"/> More Information <input type="checkbox"/> (C) Do Not Proceed
<b>Location / Area :</b>	25th to 49th Floor	
<b>Drawing Ref. :</b>		
<b>Specification Ref. :</b>		

<b>Manufacturer / Supplier :</b>	
<b>Company Name :</b>	ABDUL RAHMAN AL BAH BLDG. MAT. TR. C
<b>Country of Origin :</b>	CHINA
<b>Local Agent :</b>	FEB TECH GLASS WORKS LLC
<b>Delivery :</b>	
<b>Production Period :</b>	
<b>Total Delivery Time :</b>	
<b>Expected Date of Delivery on Site :</b>	
<b>Time Required at Site:</b>	

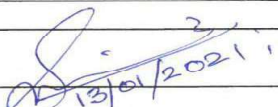
<b>CONTRACTOR :</b>	
<b>NAME :</b>	<b>SIGNATURE :</b>  <b>DATE :</b> 12 JAN 2021
<b>NAME :</b>	<b>SIGNATURE :</b>  <b>DATE :</b> 21 01 21
<b>Engineer's Comment :</b> OK  Subject to mock up approval and technical details to be checked and approved by K&A as well.	

**DISTRIBUTION :**

Original :  CONTRACTOR

Copies :  OWNER  K & A

Form no. F02-QP9.1-UAE, Issue 1 Jan. 2011



17/1



**Hopkins Architects**  
Dubai



**MATERIAL INSPECTION REQUEST**

Project:	ONE CENTRAL PHASE 1A7 - H2B Hotel			Engineer:	Hopkins Architects Dubai LLC			
Employer:	Dubai World Trade Centre			Engineering Consultant:	WSP			
Contractor:	A S G C Construction LLC			Cost Consultant:	MACE			
Discipline:	Civil C	Struc S	Mech M	Elec E	Arch A	(Specify) IDN	ACONEX WORKFLOW NO. WF 0 0	Date: 2020

Material Inspection Reference	Rev.	Description
P1A7-ASG - IDN - MIR - 0 0 5 4 9	00	Antique Mirror

Date of Inspection	2020	Time	11:00 AM
Location	Site Store	Sub Ref	

Attachment  Checklist  Sketches  Others **DELIVERY NOTES**

**DESCRIPTION**

Delivery Note No.	Description
562	Antique Mirror

**Compliance Statement:** The Contractor hereby confirms that the Materials offered for inspection are ready and complies with Contract documents. Adequate HSE measures are in place for storage.

Project Engineer  Date:	Contractor's QA/QC Engineer  Date:
-------------------------------	--

**Reviewer's Comments:**

WSP (STR/MEP) A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/>	ARCHITECTS A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/>
Name, Signature and Date Comments Sheets Attached? Yes <input type="checkbox"/> No <input type="checkbox"/>	Name, Signature and Date Comments Sheets Attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Engineer/Employer's Representative **A**  **B**  **C**  **D**

**Refer WB comments and comply**

Name & Signature: Date: **11.01.2021**

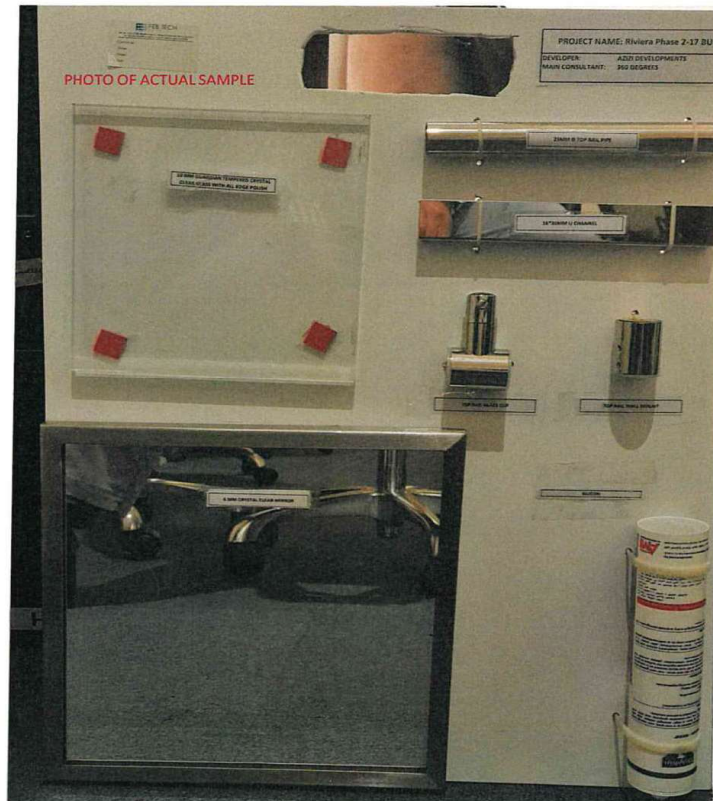
Note: The Engineer's / Consultants approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per the required Contract Conditions and Contract Clauses. Consultants' comments on the Inspection requests shall not be construed as instruction to vary the scope of Contractor by whatsoever means

Codes: A - No Objection B - No Objection subject to comments C - Rejected, Revise & Resubmit D - For Information  
P1A7-HADL-PMN-TMP-00007 R01

**ID COMMENTS:**

1. Shower glass to be as per approved specifications; 10mm thick. Refer to attached.
2. Shower glass partition U-Channel to be SS 304 grade satin finish and shall be corrosion resistant.
3. Provide U-Channel on three sides of the shower glass partition.
4. Shower glass partition to be fixed to floor and wall only. All fixings to be concealed. Ensure firm and sturdy fixing on floor and wall.
5. Top rail connector for shower glass partition not required due to aesthetic reasons. Subject to approval of two side (floor and wall) fixing as per mock up.
6. Silicone sealant shall be clear, anti-fungal, mould resistant and odorless.
7. Glass mirror to be as per approved specifications; 6mm thick. Refer to attached.
8. Mirror frame material to be SS 304 grade satin finish and shall be corrosion resistant.
9. Mirror frame width to be 25mm. Sample is only 15mm wide and is not acceptable.
10. Make good all edges, corners and connections of mirror frame i.e. 90 degree corners.
11. Provide MR MDF backing for mirror
12. Mirror fixings to be concealed
13. Provide warranty certificate.
14. Subject to mock up approval.
15. Subject to approved pre-qualification of Febtech.

CODE "R"  
19 APRIL  
2021



**AZIZI**

**360 DEGREES**

**G**

Inspection Request no:

IR-2263

1-Feb-21

**Work Inspection Request**  
**Project Title : AFMU 44B-45/Azizi Plaza - Al Furjan UAE**

**1. Subject Description:**

Inspection request for shower partition in 11th Floor Apartments (Excluding Apt 18 & 38)

Drawing Ref.:

N/A

B.O.Q Ref:

N/A

**2. Section**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Reinforced Concrete | <input type="checkbox"/> Paints                | <input type="checkbox"/> Mechanical           |
| <input type="checkbox"/> Plan Concrete       | <input type="checkbox"/> Marbles               | <input type="checkbox"/> Electrical           |
| <input type="checkbox"/> Water Proofing      | <input type="checkbox"/> Wooden Doors          | <input type="checkbox"/> Others( State Below) |
| <input type="checkbox"/> Masonry             | <input type="checkbox"/> Alum. Doors & Windows |   |
| <input type="checkbox"/> Plaster             | <input type="checkbox"/> Tiles                 |   |



**Inspection Date:** 02-Feb-21  
**Inspection Time :** 10:00 AM

We certify that the above required inspection has been coordinated and checked with our Quality Control team

Submitted by Q/C: AFROZE AHMED Signature: [Signature]

**3. ENGINEER'S COMMENT:**

# Follow approved shop dwg and IFC dwg @ site.  
# Partition glass thickness and height to be as per approved dwg.  
# Clean the glass and apply sealant in the U-channel and support to be straight.



**The Inspection is**

- Approved  Approved as Note  Re-submit for Inspection  Reject

Signature: [Signature]

DATE: 8 Feb 2021

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.

  	Inspection Request no: <b>AZ/HA/IR/C/964</b>
	REV:01
	16-Nov-20

**Work Inspection Request**

**1. Subject Description:**


Check the installed shower glass partition for all flats except flats nos( 3-4-9-18) @ 8th floor

**Area of Application:** **AFMU 15B-16A**

**Sub-Contractor :techtig** **B.O.Q Ref:**

**2. Section**

<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Paints	<input type="checkbox"/> Mechanical
<input type="checkbox"/> Plan Concrete	<input type="checkbox"/> Marbles	<input type="checkbox"/> Electrical
<input type="checkbox"/> Water Proofing	<input type="checkbox"/> Wooden Doors	<input checked="" type="checkbox"/> Others( State
<input type="checkbox"/> Masonry	<input type="checkbox"/> Alum. Doors &	
<input type="checkbox"/> Plaster	<input type="checkbox"/> Tiles	




**Inspection Date:** **16-Nov-20**

**Inspection Time :** **3:00 PM**


**PROJECT MANAGER :** *R.K.N* **SIGNATURE:** \_\_\_\_\_

**Submitted by Q/C:** \_\_\_\_\_ **Signature:** \_\_\_\_\_



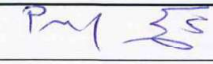
**3. ENGINEER's COMMENT:**

*Refer to IR no 957*



**The Inspection is**

Approved   
  Approved as   
  Re-submit for   
  Reject



**Signature:** \_\_\_\_\_ **DATE:** / /

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.

	م.ز.ي للتطوير العقاري <b>AZIZI</b> DEVELOPMENTS	Inspection Request no: <b>AZ/HA/IR/C/1552</b> REV:01 30-Mar-21
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## Work Inspection Request

**1. Subject Description:**

INSTALLED SHOWER GLASS PARTITION @ THE 10TH FLOOR - ALL FLATS AS PER THE ATTACHED DWG

**Area of Application** AFMU 34B-35A / Azizi Star

**SUB-CONT : TECCTIQ** B.O.Q Ref: \_\_\_\_\_

**2. Section**

<input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Plain Concrete <input type="checkbox"/> Water Proofing <input type="checkbox"/> Masonry <input type="checkbox"/> Plaster	<input type="checkbox"/> Paints <input type="checkbox"/> Marbles <input type="checkbox"/> Wooden Doors <input type="checkbox"/> Alum. Doors & <input type="checkbox"/> Tiles	<input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Others (State)
--	--	---

<b>Inspection Date:</b>	30-Mar-21	
<b>Inspection Time :</b>	2:00 PM	
<b>PROJECT MANAGER :</b>		<b>SIGNATURE:</b>
<b>Submitted by Q/C :</b> .....		Signature <u>7. Ibrahim</u>

**3. ENGINEER'S COMMENT:**

1, 18, 19, 24, 27, 30, 33, 38 are excluded

\* sharp edges are Not accepted

\* No Rust Found at the time of Inspection "appearance of Rust will be the contractor responsibility to change/clean upon the discretion of the Engineer."

Final approval subject to enduser handing over

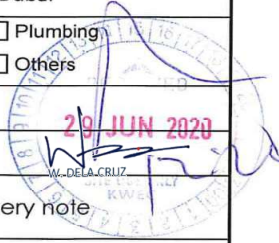
The Inspection is  Approved  Approved as  Re-submit for  Reject PM/JS

**Signature:** \_\_\_\_\_ **DATE:** / /

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.

Client 	Consultant 	Main Contractor 
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Project Name: Bloom Tower			
Project No.: P220 (G+4P+3 Towers, Tower , Floors, Towers B & C: 29 Floors)		<b>MATERIAL INSPECTION REQUEST</b>	
Ref. No: OCC/P-220/ARCH/MIR/515		Rev.:0	Date: 29-06-2020
Plot No: JVC10RHRA200	Location: JVC	City: Dubai	
Type of Material	<input type="checkbox"/> Structural <input checked="" type="checkbox"/> Architectural	<input type="checkbox"/> Electrical <input type="checkbox"/> Mechanical	<input type="checkbox"/> Plumbing <input type="checkbox"/> Others
Material Description: 6mm Mirror			
Delivery Note: 1215 & 1221 Dated on 27/06/2020 & 28/06/2020			
Supplier/Manufacturer: M/s. FEB TECH	Total Qty delivered at site & verified: As per attached delivery note		
Submitted by: <input type="checkbox"/> OCC <input checked="" type="checkbox"/> SUBCONT:			
Name: RAJU (Store In Charge-OCC)	Signature: 	Date: 29/06/2020	
Checked by:	Project P-220 BLOOM TOWER		
OCC's QA/QC Engineer:	Signature: 	Date: 29/06/2020	






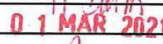


**FOR KWEC USE ONLY**

Status:	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved as noted	<input type="checkbox"/> Resubmit	<input type="checkbox"/> Rejected	<input checked="" type="checkbox"/> Noted
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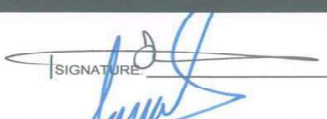
Consultant Comments	<i>proper protection to be provided</i>

Signed by:	Handed Over To:
Name: 	Name: _____
Signature: 	Signature: _____
Date: 29/6/2020	Date: _____



Client 		Consultant 		Main Contractor 	
Project Name: Bloom Heights		Plot No.: JVC15SHRA200		Project No.: P224	
<b>SHOP DRAWING SUBMITTAL</b>					
To Submittal No. P224/OCC/SD/AR/160		Consultant P224/OCC/SD/AR/160		Rev.: 00	
Submittal Title SHOP DRAWING FOR MIRROR DETAILS (GROUND FLOOR & 5TH FLOOR - FEBTECH				Date: 01/03/2021	
S. No.	Drawing No.	Description	Type	Copies	Remarks
1	AS PER ATTACHED DRAWINGS (13 Nos)	FLAT (1 TO 10) TOWER A	SD	1H+15	FOR APPROVAL
2	AS PER ATTACHED DRAWINGS (12 Nos)	FLAT (1 TO 10) TOWER B			
3	FEB-PR-SD-01	GYM + COMMON TOILET - TOWER A			
4	FEB-PR-SD-02	COMMON TOILET - TOWER B			
5	FEB-PR-SD-03	GUARD ROOM @ GROUND FLOOR			
Sub-Contractor: M/s FEBTECH GLASS WORKS LLC					
We certify that the documents submitted herewith have been reviewed and are in conformance with the contract except as otherwise stated.					
Submitted by: Eng. Imtiaz - Project Manager		Received by:		 	
Reviewed by: Eng. Gamal - Sr. Architect		Date:			
Date and Stamp: Date: 01/03/2021		Date and Stamp			
Consultant review and Comments:					
① Comments on typical floors shall be completed. ② Mirror Type-2 shall be full. ③ Warranty shall be submitted.			APPROVAL STATUS: APPROVED: <input checked="" type="checkbox"/> APPROVED AS NOTED: <input type="checkbox"/> REVISE AND RESUBMIT: <input type="checkbox"/> REJECTED: <input type="checkbox"/> NOTED: <input type="checkbox"/> FOR INFORMATION: <input type="checkbox"/> DATE: 02/3/2021		
CONSULTANT AUTHORIZED AGENT: Qasem		SIGNATURE: 			
PROJECT MANAGER'S Comments:					
			APPROVAL STATUS: APPROVED: <input type="checkbox"/> APPROVED AS NOTED: <input type="checkbox"/> REVISE AND RESUBMIT: <input type="checkbox"/> REJECTED: <input type="checkbox"/> NOTED: <input type="checkbox"/> FOR INFORMATION: <input type="checkbox"/> DATE:		
PROJECT MANAGER'S AUTHORIZED AGENT:		SIGNATURE:			
BLOOM Comments:					
			APPROVAL STATUS: APPROVED: <input type="checkbox"/> APPROVED AS NOTED: <input type="checkbox"/> REVISE AND RESUBMIT: <input type="checkbox"/> REJECTED: <input type="checkbox"/> NOTED: <input type="checkbox"/> FOR INFORMATION: <input type="checkbox"/> DATE:		
BLOOM AUTHORIZED AGENT:		SIGNATURE:			



MATERIAL APPROVAL REQUEST	
	<b>Date: 14.09.2020</b>
<b>CONTRACT NO:</b> <b>CONTRACT TITLE:</b> Khalidiya Palace Hotel <b>CLIENT:</b> Private Department <b>CONSULTANT:</b> M/s. ACC - Engineering Consultants <b>CONTRACTOR:</b> Square General Contracting Co.LLC	<b>MAR NO:</b> SGCC-ELM-MAR-281 <b>REVISION NO:</b> 00 <b>REVISION DATE:</b> <b>TITLE:</b> GLASS PARTITION <b>DISCIPLINE:</b> ID
<b>TO:</b> M/s. ACC - Engineering Consultants <b>PRODUCT NAME:</b> GLASS PARTITION <b>COMMERCIAL BRAND NAME:</b> FEB TECH <b>MANUFACTURER:</b> FEB TECH <b>SUPPLIER:</b> ELEMEGI <b>COUNTRY OF ORIGIN:</b> UAE	<b>FROM:</b> M/s. Square General Contracting LLC. <b>Mustafa Al Mousa</b> Operation Director in Dubai and Northern Emirates <b>CONTRACTOR REVIEW:</b> شركة المربع للمقاولات العامة ذ.م.م. Contracting Co. with WLL, sqcc, square general contracting co. llc, dubai, uae. <b>FOR CONTRACTOR</b> <b>P2826</b> Date:
<b>MATERIAL DESCRIPTION:</b> <b>Material:</b> GLASS CLADDING FOR KITCHENETTE RAL 7039	
	
<b>Attached: 1 HARD COPY+SAMPLE</b> <b>REFERENCES:</b> <b>DRAWING REFERENCE:</b>	
<b>LOCATION/AREA OF USE FOR THE SUBMITTED MATERIALS:</b> SUITE ROOMS PANTRY AREA	
<b>SPECIFICATION DETAILS:</b>	<b>COMPARISON SHEET:</b> YES <input type="checkbox"/> N/A <input type="checkbox"/> <b>SAMPLES:</b> YES <input checked="" type="checkbox"/> N/A <input type="checkbox"/> <b>ORIGINAL BROCHURE:</b> YES <input type="checkbox"/> N/A <input type="checkbox"/> <b>TEST REPORTS ATTACHED:</b> YES <input type="checkbox"/> N/A <input type="checkbox"/>
<b>NAME</b>   <b>SIGNATURE:</b> <b>DATE:</b> <b>DESIGNATION:</b>	
<b>CONSULTANT COMMENTS :</b> <p>approved but please double check because the Handicap and junior It should be Different color.</p>	
<b>SUBMITTAL STATUS</b>	
APPROVED NO COMMENTS <input type="checkbox"/> APPROVED AS NOTED <input checked="" type="checkbox"/> NOT APPROVED - RESUBMIT <input type="checkbox"/>	FOR RECORD ONLY <input type="checkbox"/> EMPLOYER APPROVAL REQUIRED <input type="checkbox"/> FOR INFORMATION ONLY <input type="checkbox"/>
	
<b>CONSULTANT SIGNATURE</b>	
For and on behalf of ACC - Engineering Consultants	Name: <u>Saul</u> Date: <u>14/9</u>
	



# INSPECTION REQUEST

IR No.: PN1502-CP16-IR-AR-SP-10739  
Revision: 0  
Date: 22/07/20

To: KEO International Consultant

PROJECT NAME	CLIENT/OWNER	DELIVERY PARTNER	PROJECT SUPERVISION CONSULTANT	MAIN CONTRACTOR
CP16-Expo Village Parcels 8&9	DWTC	DWTC(AECOM)	KEO International	SPML
Inspection notice period as specified in contract documents (If not specified in contract documents, minimum 48 hrs notice period is required for inspection)				
ITEM TO BE INSPECTED: Inspection for Completion of Shower Glass Partition in Toilet.(Town House)				
Flat Number(105,106,107,108,109,110,111,112)@ Level-1,2 as per highlighted in the attached Drawing				
LOCATION/LEVEL: Tower A5,Grid:A-H/1-11,Flat Number(105,106,107,108,109,110,111,112)				
INSPECTION AND TEST PLAN (ITP) ACTIVITY No.: PN1502-CP16-ITP-CIV-SP-00015 SPECIFICATION REF.:				
APPROVED PROJECT SCHEDULE ACTIVITY No. PN1502-CP16-MTS-CIV-SP-00015 DRAWING REF.:				
<input type="checkbox"/> Deviation from Contract Document, provide details:				
SERVICES COORDINATED: <input type="checkbox"/> MECHANICAL <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> PL & FF <input type="checkbox"/> HVAC <input type="checkbox"/> ELEVATORS <input checked="" type="checkbox"/> OTHERS .....				
SIGNATURE				
PROCESS BY:	Proposed Inspection by Contractor		Submitted by Contractor	
DATE:	23/07/20		22/07/20	
TIME:	11:30AM			
SIGNATURE				
DISCIPLINE	<input checked="" type="checkbox"/> Architectural	<input type="checkbox"/> Audio Visual	<input type="checkbox"/> Civil/Structural	<input type="checkbox"/> Electrical
	<input type="checkbox"/> Life Safety	<input type="checkbox"/> Lighting	<input type="checkbox"/> Lighting Control	<input type="checkbox"/> Mechanical
	<input type="checkbox"/> Telecom/Security	<input type="checkbox"/> Vertical Transport	<input type="checkbox"/> Water Features	<input type="checkbox"/> Other (Specify)
	<input type="checkbox"/> Fire Alarm	<input type="checkbox"/> Fire Protection	<input type="checkbox"/> Interior	<input type="checkbox"/> Landscape
	<input type="checkbox"/> MEP General	<input type="checkbox"/> Plumbing	<input type="checkbox"/> Sanitary Drainage	<input type="checkbox"/> Signage
<b>Contractor's QA/QC Representative</b>				
THE WORK TO BE INSPECTED IS READY AND ALL REQUIRED SELF INSPECTIONS AND TESTS HAVE BEEN CARRIED OUT AS PER AGREED QUALITY PLANS, METHOD STATEMENTS AND OTHER RELATED CONTRACT DOCUMENTS.				
The following documents are attached: <input checked="" type="checkbox"/> Checklist <input checked="" type="checkbox"/> Drawing & Specification <input type="checkbox"/> MEP Clearance <input type="checkbox"/> Related Inspection Requests <input type="checkbox"/> Others .....				
Name:	Tosy	Signature:	[Signature]	Position: OSAE Date: 22/7/20 Time:
<b>To be completed by KEO</b>				
The above works were inspected on: 24   07   2020 10:00AM				
Inspection Status: <input type="checkbox"/> A-No objection <input checked="" type="checkbox"/> B-No objection subject to incorporation of all comments as noted <input type="checkbox"/> C-Rejected, to be resubmitted				
Comments:				
Glass shower partition installation to be as per approved shop drawing .				
Poor application of silicone to be rectified.				
Rubber backing to be sealed around glass properly .				
U channel joints to be flush and have not sharp edge.				
Final approval subject to Snagging and DE Snagging inspection approval.				
KEO Inspector's Name: Yasir Signature: [Signature] KEO Project Leader:				
The checking and No Objection To Proceed by KEO Representative shall not relieve the Contractor of his obligation to perform the work in accordance with the Contract Documents.				
RECEIVED BY CONTRACTOR: DATE & TIME:				





**FEB TECH GLASS WORKS L.L.C**  
AL QUOZ INDUSTRIAL 4, DUBAI  
T: 04-266 2292  
info@febtechuae.com.

**FEB TECH GLASS WORKS L.L.C**  
AL SAJAA INDUSTRIAL, SHARJAH  
T: 06-563 8462  
info@febtechuae.com.

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## **9. KEY PERSONNEL**



SL NO	NAME	POSITION
1	SHUAIB MUHAMMED	MANAGING DIRECTOR
2	MOHAMOOD SAJID	OPERATION MANAGER
3	SUMAN PATEPURAN	PRODUCTION IN CHARGE
4	SANIEESH	BRANCH MANAGER
5	MOHAMMAD ZIAUDEEN	PROJECT MANAGER
6	MOHAMMAD AHMED	PROJECT ENGINEER
7	MOHAMMAD RIFAN	PROJECT ENGINEER
8	JAMSHID	PROJECT ENGINEER
9	JAMEEL NASER	QUANTITY SURVEYOR
10	MOHAMMED SAFWAN	SITE ENGINEER
11	MOHAMMED ASAD	DRAFTMAN
12	MOHAMMED FAISAL	DRAFTMAN
13	VINOD THULASEEDHARAN	MATERIAL COORDINATOR
14	MOHAMMED FAHAD	SITE ENGINEER
15	MOHAMMAD SAHIL	PROJECT COORDINATOR
16	NIMIL DAS	SITE ENGINEER
17	QAISAR ALI	SITE ENGINEER
18	JAYAKUMAR	SITE ENGINEER
19	AWAIS AHMAD	SITE ENGINEER
20	SALINI	Sr.HR
21	ABHIJITH	ESTIMATOR
22	JITHIN	DISPATCH
23	FAHAD	PURCHASER
24	VISHNU IC	ACCOUNTANT
25	SHAQIB	FOREMAN
26	SUJEN	SUPERVISOR
27	BARZHAN	SUPERVISOR
28	ARVINDKUMAR	SUPERVISOR
29	MUHAMMAD MUBSHAIR	SUPERVISOR
30	NIDHANTH	SUPERVISOR
31	SUDEER	SUPERVISOR
32	AMIT KUMAR	SUPERVISOR
33	NIMIL DAS HEKKE	SUPERVISOR
	FOREMAN-14NOS	
	SKILLED LABORS- 140 NOS	
	UNSKILLED LABORS-100 NOS	



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## **10. EQUIPMENTS LIST**

The Machinery capabilities of Feb Tech are listed below:

## GLASS TEMPERING MACHINE



### GLASS TEMPERING MACHINES PER DAY PRODUCTION DETAILS

ITEM	SQ.M	STAFF	NOS
GLASS	1500SQ.M	TECHNICIAN	2
		LABORS	16

## DOUBLE GLAZING MACHINE



### DOUBLE GLAZING MACHINES PER DAY PRODUCTION DETAILS

ITEM	SQ.M	STAFF	NOS
GLASS	800 SQ.M	TECHNICIAN	2
		LABORS	12

## LAMINATION MACHINE



### LAMINATION MACHINES PER DAY PRODUCTION DETAILS

ITEM	SQ.M	STAFF	NOS
GLASS	500 SQ.M	TECHNICIAN	2
		LABORS	10

## BEVELING MACHINE



### BEVELING MACHINES (2 NUMBER) PER DAY PRODUCTION DETAILS

ITEM	L M	STAFF	NOS
MIRROR	800 LM	TECHNICIAN	2
		LABORS	10

## POLISH MACHINE



### POLISH MACHINES (4 NUMBER) PER DAY PRODUCTION DETAILS

ITEM	LM	STAFF	NOS
GLASS	600LM	TECHNICIAN	4
MIRROR	600LM	LABORS	10

## ROUND POLISH MACHINE



### ROUND POLISH MACHINES PER DAY PRODUCTION DETAILS

ITEM	LM	STAFF	NOS
GLASS	300LM	TECHNICIAN	2
MIRROR	300LM	LABORS	8

## HOLE MAKING MACHINE



### HOLE MAKING MACHINES PER DAY PRODUCTION DETAILS

ITEM	NOS	STAFF	NOS
GLASS	400NOS	TECHNICIAN	2
		LABORS	10

## CNC/MANUAL CUTTING MACHINES



### CNC/ MACHINES

#### PER DAY PRODUCTION DETAILS (2 NUMBER)

ITEM	SQM	STAFF	NOS
GLASS & MIRROR	1100 SQ.M	TECHNICIAN	2
			15

## MANUAL CUTTING MACHINES



### MANUAL CUTTING MACHINES (2 NUMBER) PER DAY PRODUCTION DETAILS

ITEM	SQ.M	STAFF	NOS
GLASS	577 SQ.M	TECHNICIAN	2
MIRROR	600 SQ.M	LABORS	8

## DOUBLE EDGE POLISH MACHINE



### DOUBLE EDGE POLISH MACHINE PER DAY PRODUCTION DETAILS

ITEM	LM	STAFF	NOS
MIRROR	500 LM	TECHNICIAN	1
GLASS	600 LM	LABORS	5

## EQUIPMENTS LIST

HYDROLIC CORNER CRIMPNG MACHINE – VECTRA
CUT OFF MACHINE - TMS450G
CUT OFF MACHINE - TMS350
MANUAL COPY ROUTER WITH SINGLE HEAD – BOSS
END MILLING MACHINE - LIBRA M-SA7
32 mm BENCH DRILL - ZQ 4132
AIR COMPRESSOR - GS35/500/600PF/T
GLASS CUTTING TABLE 2300mm x 3500mm
WELDING MACHINE
GLASS POLISH MACHINE
GLASS HOLE MACHINE
SAND BLASTING MACHINE
GLASS BEVELING MACHINE
GLASS TEMPERING MACHINE
EVA LAMINATION MACHINE
DOUBLE GLAZING MACHINE
GLASS LIFTER
SAND BLASTING MACHINE



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## **11. QUALITY PLAN**



## INTRODUCTION

This document is the Quality Management Manual of Feb Tech Glass Works LLC and for the purpose of this manual will be referred to as the Quality Manual.

This manual is the property of Feb Tech Glass Works LLC and is a controlled document.

The purpose of the manual is to provide an overview of Feb Tech Glass Works LLC, the activities it carries out and the quality standards of operation it conforms to. It is not designed to act as a procedures manual, although it does carry information about where procedures information is located and the detailed information on documentation requirements for the procedures required by the respective standards.

## OVERVIEW OF THE ORGANISATION

### FEB TECH GLASS WORKS LLC

Al Quoz Ind Area 04, Dubai, UAE

Email: [info@febtechuae.com](mailto:info@febtechuae.com)

VAT No:100492986300003

### Principal Activities

*Design, supply, and installing bespoke glass structures and their enclosures.*

### Compliance

The Director(s) of Feb Tech Glass Works LLC have overall responsibility for ensuring there is an effective Quality Management Policy for the Company and its implementation at all divisions. Project Managers and Supervisors appointed by Feb Tech Glass Works LLC will implement company policies, systems and procedures that are relevant to their respective areas of work. The Managing Director of Feb Tech Glass Works LLC will ensure that all levels of management appointed by Feb Tech Glass Works LLC (including sub-contractors & consultants) actively support and implement the Company's policy and its procedures. All personnel with management responsibilities appointed by Feb Tech Glass Works LLC are accountable for ensuring that quality management audits are carried out on all operational sites and the findings are recorded.

## QUALITY STANDARDS

*Feb Tech Glass Works LLC is governed by ISO 45001:2018*

*The company operates with certificated guaranteed and to operational standard.  
The Standards and Regulatory are as mentioned below:*

<b>INTERNATIONAL ISO TYPE</b>	<b>ISO</b>	
<i>International Standard</i>	<i>ISO 9001:2015</i>	
<i>International Standard</i>	<i>ISO 14001:2015</i>	
<i>International Standard</i>	<i>ISO 18001:2007</i>	
<i>International Standard</i>	<i>ISO 45001:2018</i>	
<b>PROCESS TYPE</b>	<b>ASTM STANDARDS</b>	<b>CEN STANDARDS</b>
<b>Insulated Glass Units (IGU)</b>	<i>ASTME2190</i>	<i>EN1279</i>
<b>Heat Treated Glass (Tempered Glass)</b>	<i>ASTMC1048</i>	<i>EN12150</i>
<b>Laminated Glass</b>	<i>C1172</i>	<i>ENI4449</i>



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## QUALITY CONTROL



### **Quality Assurance & Quality Control**

QAQC is a combination of quality assurance, the process or set of processes used to measure and assure the quality of a product, and quality control, the processes of ensuring products and services meet consumer expectation. Quality assurance is process oriented and focuses on defect prevention, while quality control is product oriented and focuses on defect identification.

To ensure full compliance with adopted standards, and to maintain accreditation to ISO 9001. Incoming raw materials and consumable items, as well as any glass processed by 3<sup>rd</sup> parties, are subjected to detailed checking –procedures using, when necessary, appropriate instrumentation to ensure fitness-for-purpose of all glass product within the parameters set by major international standard.

These processes are also implemented at every stage of production through to finished goods prior to dispatch.

QAQC personnel are available at any time to deal with any quality issues that may arise at customer premises, or on site, following delivery or installation of glass.

### **Quality management**

Quality management ensures that an organization, product or service is consistent. It has four main components: quality planning, quality assurance, quality control and quality improvement.

Quality management is focused not only on product and service quality, but also on the means to achieve it. Quality management, therefore, uses quality assurance and control of processes as well as products to achieve more consistent quality. What a customer wants and is willing to pay for it determines quality. It is written or unwritten commitment to a known or unknown consumer in the market.

Thus, quality can be defined as fitness for intended use or, in other words, how well the product performs its intended function

## Quality Standards

ISO standards The International Organization for Standardization (ISO) created the Quality Management System (QMS)[20] standards in 1987.

They were the ISO 9000:1987 series of standards comprising ISO 9001:1987, ISO 9002:1987 and ISO 9003:1987; which were applicable in different types of industries, based on the type of activity or process: designing, production or service delivery.

The standards are reviewed every few years by the International Organization for Standardization. The version in 1994 was called the ISO 9000:1994 series; consisting of the ISO 9001:1994, 9002:1994 and 9003:1994 versions.

The last major revision was in the year 2000 and the series was called ISO 9000:2000 series. The ISO 9002 and 9003 standards were integrated into one single certifiable standard: ISO 9001:2000. After December 2003, organizations holding ISO 9002 or 9003 standards had to complete a transition to the new standard.

ISO released a minor revision, ISO 9001:2008 on 14 October 2008. It contains no new requirements. Many of the changes were to improve consistency in grammar, facilitating translation of the standard into other languages for use by over 950,000 certified organizations in the 175 countries (as at Dec 2007) that use the standard.

The ISO 9004:2009 document gives guidelines for performance improvement over and above the basic standard (ISO 9001:2000). This standard provides a measurement framework for improved quality management, similar to and based upon the measurement framework for process assessment.

The Quality Management System standards created by ISO are meant to certify the processes and the system of an organization, not the product or service itself. ISO 9000 standards do not certify the quality of the product or service.

In 2005 the International Organization for Standardization released a standard, ISO 22000, meant for the food industry. This standard covers the values and principles of ISO 9000 and the HACCP standards. It gives one single integrated standard for

the food industry and is expected to become more popular in the coming years in such industry.

ISO has also released standards for other industries. For example, Technical Standard TS 16949 defines requirements in addition to those in ISO 9001:2008 specifically for the automotive industry.

ISO has a number of standards that support quality management. One group describes processes (including ISO/IEC 12207 and ISO/IEC 15288) and another describes process assessment and improvement ISO 15504.

### **Quality Terms**

- Quality Improvement can be distinguished from Quality Control in that Quality Improvement is the purposeful change of a process to improve the reliability of achieving an outcome.
- Quality Control is the ongoing effort to maintain the integrity of a process to maintain the reliability of achieving an outcome.
- Quality Assurance is the planned or systematic actions necessary to provide enough confidence that a product or service will satisfy the given requirements

## Internal Rejections Summary – Root Cause

WORKMANSHIP	HANDLING	BLEMISHES	MACHINE FAULT	FURNACE BREAKAGE
Alignment not ok	Broken	Marks	Autoclave process not done	BIC
Improper Arrising	Chipping	Bubbles	Bend/Spacer bend	
Butyl	Crack	Black mark	Blower trip/Cathode trip	
CF wrong/damage	Improper Handling	Dirt	Emergency break/stop	
Improper edge deletion	Scratch	Stain	Glass jam/defect	
Mismatch	Coating Damage		Heating spots	
Improper flatground	Transit Breakage			
Georgian bar wrong orientation				

SETTINGS	MANUAL ERROR	COATING ISSUES	OTHERS	
Bow Failure	Wrong Coating	Coating burn	Silicon	
Delamination	Wrong cut out	Corrosion	Sleeve	
Distortion	Missing hole/logo/glass	Discoloration	Notching	
Foggy Appearance	Wrong size/shape	Pinhole	QC test	
	No dimension	Colour Variation	On hold	
	Wrong entry/view			
	Wrong channel used			
	Wrong process			
	Laminated wrongly			

## WORK STUDY

Productivity has now become an everyday watch word. It is crucial to the welfare of industrial Firm as well as for the economic progress of the country. High productivity refers to doing the Work in a shortest possible time with least expenditure on inputs without sacrificing quality and with minimum wastage of resources.

Work-study forms the basis for work system design. The purpose of work design is to identify

The most effective means of achieving necessary functions. This work-study aims at improving the existing and proposed ways of doing work and establishing standard times for work performance.

Work-study is encompassed by two techniques, i.e., method study and work measurement.

“Method study is the systematic recording and critical examination of existing and Proposed ways of doing work, as a means of developing and applying easier and more Effective methods and reducing costs.”

“Work measurement is the application or techniques designed to establish the time for a qualified worker to carry out a specified job at a defined level or performance.”

There is a close link between method study and work measurement. Method study is concerned with the reduction of the work content and establishing the one best way of doing the job whereas work measurement is concerned with investigation and reduction of any ineffective time associated with the job and establishing time standards for an operation carried out as per the standard method.

## PRODUCTIVITY

Productivity is the quantitative relation between what we produce and we use as a resource to

Produce them, i.e., arithmetic ratio of amount produced (output) to the amount of resources

(Input).

Productivity can be expressed as:

$$\text{Productivity} = \frac{\text{Output}}{\text{Input}}$$

Productivity refers to the efficiency of the production system. It is the concept that guides

The management of production system. It is an indicator to how well the factors of production (Land, capital, labour and energy) are utilized.

European Productivity Agency (EPA) has defined productivity as,

“Productivity is an attitude of mind. It is the mentality of progress, of the constant improvements of that which exists. It is the certainty of being able to do better today than yesterday and continuously. It is the constant adaptation of economic and social life to changing conditions. It is the continual effort to apply new techniques and methods. It is the faith in progress.”

A major problem with productivity is that it means many things to many people. Economists

Determine it from Gross National Product (GNP), managers view it as cost cutting and speed up, engineers think of it in terms of more output per hour. But generally accepted meaning is that it is the relationship between goods and services produced and the resources employed in their production.

## Factors Influencing Productivity

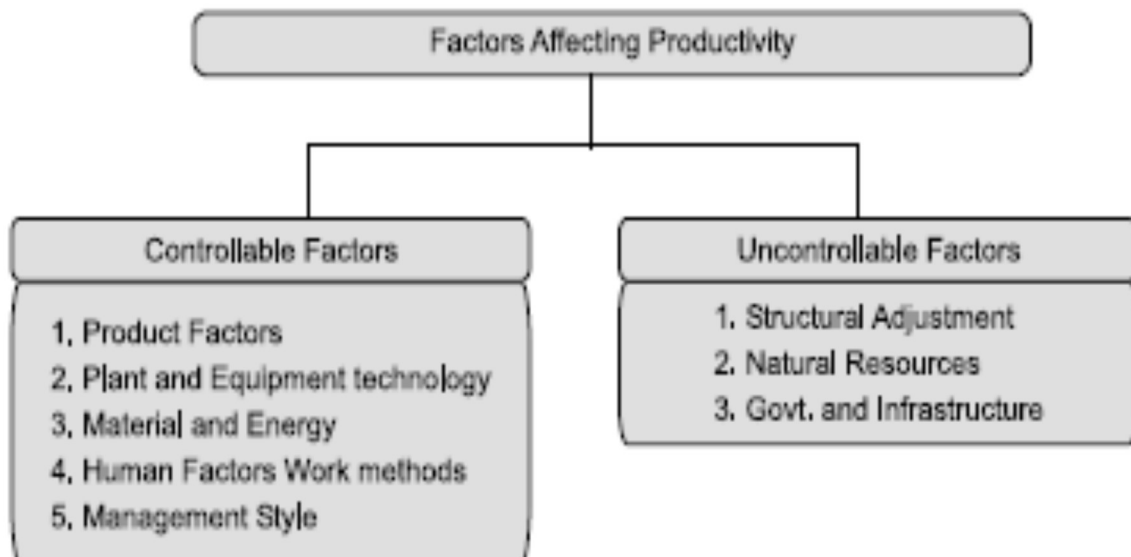
Factors influencing productivity can be classified broadly into two categories: (A) controllable (or internal) factors and (B) un-controllable (or external) factors.

### CONTROLLABLE (OR INTERNAL) FACTORS

1. *Product factor*: In terms of productivity means the extent to which the product meets output requirements product is judged by its usefulness. The cost benefit factor of a product can be enhanced by increasing the benefit at the same cost or by reducing cost for the same benefit.

2. *Plant and equipment*: These play a prominent role in enhancing the productivity. The increased availability of the plant through proper maintenance and reduction of idle time increases the productivity.

Productivity can be increased by paying proper attention to utilization, age, modernization, cost, investments etc.



3. **Technology:** Innovative and latest technology improves productivity to a greater extent. Automation and information technology helps to achieve improvements in material handling, storage, communication system and quality control.

The various aspects of technology factors to be considered are:

- (i) Size and capacity of the plant,
- (ii) Timely supply and quality of inputs,
- (iii) Production planning and control,
- (iv) Repairs and maintenance,
- (v) Waste reduction, and
- (vi) Efficient material handling system.

4. **Material and energy:** Efforts to reduce materials and energy consumption brings about considerable improvement in productivity.

1. Selection of quality material and right material.
2. Control of wastage and scrap.
3. Effective stock control.
4. Development of sources of supply.
5. Optimum energy utilization and energy savings.

5. **Human factors:** Productivity is basically dependent upon human competence and skill. Ability to work effectively is governed by various factors such as education, training, experience aptitude etc., of the employees. Motivation of employees will influence productivity.

6. **Work methods:** Improving the ways in which the work is done (methods) improves productivity, work study and industrial engineering techniques and training are the areas which improve the work methods, which in term enhances the productivity.

7. *Management style*: This influence the organizational design, communication in organization, policy and procedures. A flexible and dynamic management style is a better approach to achieve higher productivity.

### **UN-CONTROLLABLE (OR EXTERNAL) FACTORS**

1. *Structural adjustments*: Structural adjustments include both economic and social changes, Economic changes that influence significantly are:

- (a) Shift in employment from agriculture to manufacturing industry,
- (b) Import of technology, and
- (c) Industrial competitiveness.

Social changes such as women's participation in the labour force, education, cultural values, attitudes are some of the factors that play a significant role in the improvement of productivity.

2. *Natural resources*: Manpower, land and raw materials are vital to the productivity improvement.

3. *Government and infrastructure*: Government policies and programs are significant to productivity practices of government agencies, transport and communication power, fiscal policies (interest rates, taxes) influence productivity to the greater extent.

### **Total Productivity Measure (TPM)**

It is based on all the inputs. The model can be applied to any manufacturing organization or service company

$$\text{Total productivity} = \frac{\text{Total tangible output}}{\text{Total tangible input}}$$

**Total tangible output** = Value of finished goods produced + Value of partial units produced + Dividends from securities + Interest + Other income

**Total tangible input** = Value of (human + material + capital + energy + other inputs) used. The word tangible here refers to measurable.

The output of the firm as well as the inputs must be expressed in a common measurement unit. The best way is to express them in rupee value

### **Partial Productivity Measures (PPM)**

Depending upon the individual input partial productivity measures are expressed as:

$$\text{Partial productivity} = \frac{\text{Total output}}{\text{Individual input}}$$

1. **Labour productivity** =  $\frac{\text{Total output}}{\text{Labour input}}$

**Labour input** is measured in terms of man-hours

2. **Capital productivity** =  $\frac{\text{Total output}}{\text{Capital input}}$

3. **Material productivity** =  $\frac{\text{Total output}}{\text{Material input}}$

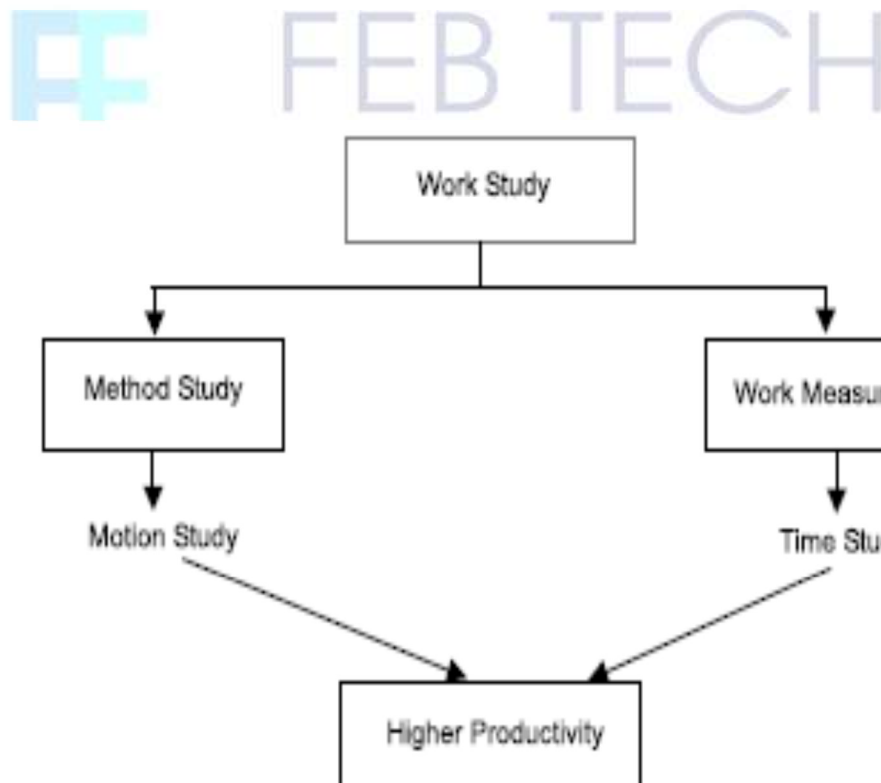
4. **Energy productivity** =  $\frac{\text{Total output}}{\text{Energy input}}$

One of the major disadvantage of partial productivity measures is that there is an over Emphasis on one input factor to the extent that other input are underestimated or even ignored.

### WORK STUDY

“Work study is a generic term for those techniques, method study and work measurement which are used in the examination of human work in all its contexts.

And which lead systematically to the investigation of all the factors which affect the efficiency and economy of the situation being reviewed, in order to effect improvement.”



Work study is a means of enhancing the production efficiency (productivity) of the firm by elimination of waste and unnecessary operations. It is a technique to identify non-value adding operations by investigation of all the factors affecting the job.

### **Advantages of Work Study**

Following are the advantages of work study:

1. It helps to achieve the smooth production flow with minimum interruptions.
2. It helps to reduce the cost of the product by eliminating waste and unnecessary operations.
3. Better worker-management relations.
4. Meets the delivery commitment.
5. Reduction in rejections and scrap and higher utilization of resources of the organization.
6. Helps to achieve better working conditions.
7. Better workplace layout.
8. Improves upon the existing process or methods and helps in standardization and simplification.
9. Helps to establish the standard time for an operation or job which has got application in manpower planning, production planning.



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## PRODUCTION PROCESS

## **Cutting**

Beside a glass cutter, you will also need a can of cutting oil or machine oil, window cleaner, some kind of straightedge guide, a few cotton rags, duct tape, snug-fitting safety glasses and leather gloves, prepare a clean, flat, hard surface for cutting glass, such as a study workbench or thick piece of plywood.

Subtract Next mark the cut line onto the glass with a fine-tip indelible marker. However, the cutting wheel is offset from the edge of the cutter by about 1/8 inch. To compensate for the offset, subtract 1/8 inch from the desired measurement. For example, to cut a 10-inch wide piece of glass, measure 9 7/8 inches and then make a mark.

Use a framing square, steel rule, or other straightedge to serve as a guide for the glass cutter. Set the straightedge on the mark, and secure it with two strips of duct tape. The duct tape isn't absolutely necessary, but it'll help prevent the straightedge from shifting out of position. Once you've had a little practice cutting glass, you can skip the duct tape.

Now, lubricate the cutting wheel on the glass cutter with a drop of lightweight cutting oil or machine oil. (If using a self-lubricating glass cutter, there's no need to oil the wheel.) Firmly grasp the cutter similarly to the way you'd hold a pencil. Then press the cutting wheel down hard against the glass and, in one uninterrupted motion, pull the cutter along the straightedge and right off the edge of the glass.

When done correctly you'll hear a continuous screeching sound as the hardened-steel wheel scores the surface of the glass. Remove the straightedge from the glass. There are two basic ways to snap the scored glass into two pieces:

## **Edge processing**

When a Glass is cut its leaves a razor sharp edge on the top and bottom of the glass, grinding edge process enhances the appearance and safety of the glass. The edges of the glass must always be processed before tempering.

Edge Processing (Seaming, Grinding, Polishing) the sharp edges of cut float glass are either simply seamed (KGS) or ground (KGN) and then polished (KPO). Of course, almost all shapes are supported.

### **Drilling Processing**

Drill and countersink holes

Flexible application of glass often requires drilling the glass, professional glass processing including drill holes is easily possible. Even special processes, such as countersink or blind holes, are no problem for us. This Process will be followed as per the given Templates or Drawings from the client.

### **Sandblasting**

Sandblasting is essentially the process of blasting the surface of glass with grit which peppers the surface, giving it a milky white appearance. Sandblasting is a general term used to describe the act of propelling very fine bits of material at high-velocity by steam or air to clean or etch a surface.

### **Tempering**

Tempered or toughened glass is a type of safety glass processed by controlled thermal or chemical treatment to increase its strength compare with normal glass.

Tempering puts the outer surfaces into compression and the interior into tension. Such stress causes the glass, when broken, to crumble into small granular chunks instead of splintering into jagged shards as plate glass. The granular chunks are less likely to cause injury.

The Tempering operation is done for the toughening of the glass. The toughening is done so that glass can withstand heavy stress and not show any sign of damage under huge wind-loads. Heat-treated glasses are classified as either fully tempered or heat strengthened. Before the glass is tempered it is checked for smooth edges because glass pieces can fracture when its surfaces and edges are placed under tension. Under tension surface and edge fissures may propagate

into visible cracks. We equipped with one tempering machines -Mountain to achieve the above mentioned process.

As a result of its safety and strength, tempered glass is used in a variety of demanding applications, including passenger vehicle windows, Shower doors, Architectural glass doors & tables, Refrigerator trays, as a component bulletproof glass.

### **Laminating**

Laminated glass is a type of safety glass that holds together when shattered. In the event of breaking, it is held in place by an interlayer, typically of polyvinyl butyl (PVB) or ethylene-vinyl acetate (EVA), between its two or more layers of glass. The interlayer keeps the layers of glass bonded even when broken, and its high strength prevents the glass from breaking up into large sharp pieces. This produces a characteristic "spider web" cracking pattern when the impact is not enough to completely pierce the glass. In the case of the EVA, the thermoset EVA, offers a complete bonding (cross-linking) with the material whether it is glass, polycarbonate, PET, or other types of products.

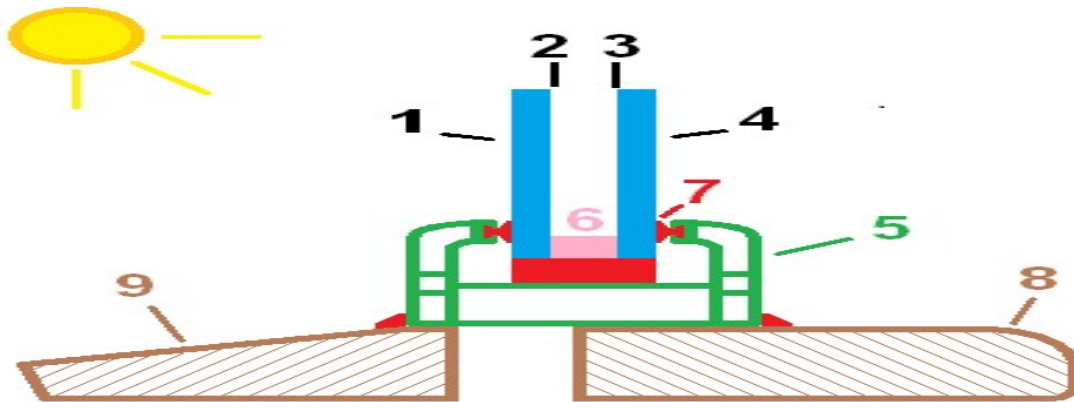
Laminated glass is normally used when there is a possibility of human impact or where the glass could fall if shattered and also for architectural applications. Skylight glazing and automobile windshields typically use laminated glass. In geographical areas requiring hurricane-resistant construction, laminated glass is often used in exterior storefronts, curtain walls and windows.

Laminated glass is also used to increase the sound insulation rating of a window, where it significantly improves sound attenuation compared to monolithic glass panes of the same thickness. For this purpose, a special "acoustic PVB" compound is used for the interlayer. In the case of the EVA material, no additional acoustic material is required, since the EVA provides sound insulation. An additional property of laminated glass for windows is that a PVB and EVA interlayer can block essentially most ultraviolet radiation. A thermoset EVA could block up to 99.9% of the UV rays.

### **Insulating Glazing Units (IGU)**

Insulating glass (IG), more commonly known as double glazing (or double-pane, and increasingly triple glazing/pane), consists of two or three glass window panes separated by a vacuum or gas filled space to reduce heat transfer across a part of the building envelope.

Insulating glass units (IGUs) are manufactured with glass in range of thickness from 3 to 10 mm (1/8" to 3/8") or more in special applications. Laminated or tempered glass may also be used as part of the construction. Most units are produced with the same thickness of glass used on both panes[citation needed] but special applications such as acoustic attenuation or security may require wide ranges of thicknesses to be incorporated in the same unit.



A sectioned diagram of a fixed insulating glass unit (IGU), indicating the numbering convention used in this article.

Surface #1 is facing outside, Surface #2 is the inside surface of the exterior pane, Surface #3 is the outside surface of the interior pane, and Surface #4 is the inside surface of interior pane. The window frame is labelled #5, a spacer is indicated as #6, and seals are shown in red (#7), the internal reveal is on the right hand side (#8) and the exterior windowsill on the left (#9).

### **Dispatching**

Dispatching means - finish goods are delivering to customer after production (exporting).

### GLASS QUALITY PARAMETERS

#### Thickness.

The thickness tolerances of float glass shall be as specified in Table.

Nominal Thickness	Tolerance
3	0.3
3.5	0.3
4	0.3
5	0.3
6	0.3
8	0.6
10	0.6
12	0.8
15	0.8
19	1.2

### Dimensions.

**Tolerance on length and width of the float glass shall be in accordance with Table.**

Nominal Thickness	Tolerance (Length or Width)	
	Up to and including 3 m	Above 3 m
3	+1/-2	-
4.0	+1/-2	-
5.0	+2/-2	-
6.0	+2/-2	-
8.0	+2/-3	+3/-4
10.0	+2/-3	+3/-4
12.0	+3/-3	+4/-4
15.0	+3/-3	+4/-4
19.0	+5/-5	+6/-6

## Diagonals

Tolerance on diagonal of float glass shall be in accordance with Table.

### Diagonal Tolerance of Float Glass

Nominal Thickness	Tolerance (Diagonal)	
	Up to and including 3 m	Above 3 m
3	+1/-2	-
4.0	+1/-2	-
5.0	+2/-2	-
6.0	+2/-2	-
8.0	+2/-3	+3/-4
10.0	+2/-3	+3/-4
12.0	+3/-3	+4/-4
15.0	+3/-3	+4/-4
19.0	+5/-5	+6/-6

### Glass Edge Finish.

Edge damage usually occurs when cutting the glass (difficulty increases with thickness) and during grinding of glass. There is no standard acceptance criteria for the edge condition of the glass. Glass with edges that are severely cut, damaged or have deep, pointed shells/vents is generally not acceptable. The glass edge finish should be in accordance with Table.

### Glass Edge Finish

S No.	Usage Type	Finish	Allowable Defects
1	Exposed edges	Neatly polished, straight line	Small glass fragment normally conchoidal $\leq 2\text{mm}$
2	Silicon or butt joint	Visible line should be straight	Small glass fragment normally conchoidal $\leq 2\text{mm}$
3	Concealed edge	Rough grinding without chips and defects	Small glass fragment normally conchoidal $\leq 3\text{mm}$

### Warpage and Bow.

The allowed warpage and bow tolerance should be in accordance with Table.

Thickness	Sizes	Tolerance%	Maximum
Up to 6mm	<3 m	0.3	6 mm
Up to 6mm	>3 m	0.3	8 mm
Above 6mm	<3 m	0.3	6 MM
Above 6mm	>3 m	0.3	10MM

Closer tolerances may be required for glasses having thickness greater than 6 mm in butt jointed applications like partitions. This should be specified by the customer in advance and agreed upon specifically between buyer and seller.

### **Surface and Body Defects.**

Scratches shall be classified into the following categories: light, medium and heavy. The allowed scratches should be in accordance with Table.

### **Visual Limits for Scratches**

S No.	Intensity and Size	Definition	Number/sqm
1	Light Scratch	Shall not be detectable beyond 50 cm	Any number
2	Medium Scratch (should not be more than 15.0 mm)	Visible up to 50 - 100cm, not visible beyond 100 cm	2
3	Heavy Scratch Max 10 mm	Visible up to 150cm, not visible beyond 150 cm	1

## TEMPERED GLASS QUALITY PARAMETERS

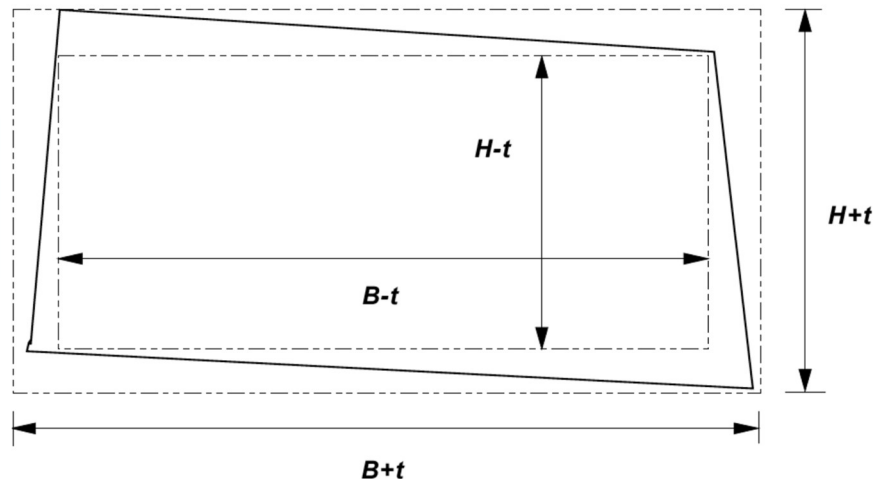
### Thickness

The thickness tolerance of toughened glasses shall be in accordance with the tolerances mentioned for annealed float glasses. Please refer Table for details.

### Dimensions and Squareness

Tolerance limits for dimensions for rectangular glass panes are given in Figure 1 and tolerances on width and length should be in accordance.

### Tolerance Limits for Dimensions of Rectangular Panes



Tolerances on Width B and Length H

Nominal Dimension of Side, B or H	Tolerance, t	
	Nominal Glass Thickness $d \leq 12$	Nominal Glass Thickness $d > 12$
$\leq 2000$	2.5	3.0
$2000 < B \text{ or } H \leq 3000$	3.0	4.0
$> 3000$	4.0	5.0

### Holes and Cutouts.

The allowable hole diameter tolerance should be in accordance with Table

#### Tolerances on Holes

	Hole Diameter Range	Dimensional Tolerance
All Thicknesses	4 to 20	$\pm 1$
	21 to 100	$\pm 2$
	Above 100	Consult the Manufacturer

### Hole and Cutout Location.

The allowed hole and cutout location tolerance should be in accordance with Table.

#### Tolerances on Hole and Cutout Location

All Thicknesses	For holes tolerance should be from centre of hole	$\pm 1.5\text{mm}$
	For cutouts tolerance should be from edge	$\pm 1.5\text{mm}$

### Glass Edge Finish.

Edge damage usually occurs when cutting the glass (difficulty increases with thickness) and during grinding of glass. There is no standard acceptance criteria for the edge condition of the glass. Glass with edges that are severely cut, damaged or have deep, pointed shells/vents is generally not acceptable. The glass edge finish should be in accordance with Table.

SNo.	Usage Type	Finish	Allowable Defects
1	Exposed edges	Neatly polished, straight line	Small glass fragment normally conchoidal $\leq 2\text{mm}$
2	Silicon or butt joint	Visible line should be straight	Small glass fragment normally conchoidal $\leq 2\text{mm}$
3	Concealed edge	Rough grinding without chips and defects	Small glass fragment normally conchoidal $\leq 3\text{mm}$

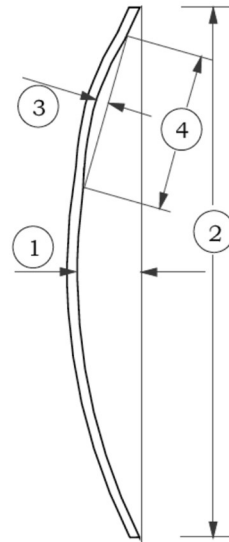
### Flatness

#### General Information

By the very nature of the toughening process, it is not possible to obtain a product as flat as annealed glass. The difference depends on the nominal thickness, the glass size dimensions and the ratio between the dimensions. Therefore a distortion known as overall bow can occur.

**There are two kinds of bow.**

- (1) Deformation for calculating overall bow
- (2) B or H, or diagonal length
- (3) Local bow
- (4) 300mm length



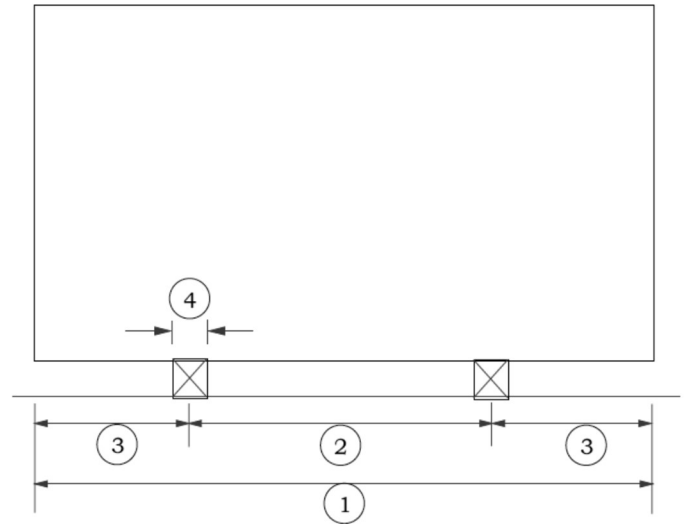
**Measurement of Overall Bow**

The pane of glass shall be placed in a vertical position and supported on its longer side by two load bearing blocks at the quarter points. The deformation shall be measured along the edges of the glass and along the diagonals, as the maximum distance between a straight metal ruler, or a stretched wire, and the concave surface of the glass. The measurement should be done at room temperature.

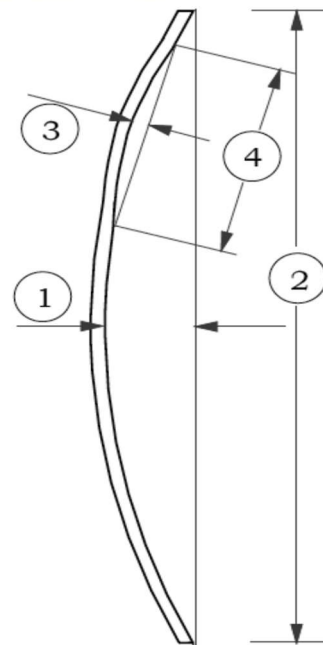
The value for the bow is then expressed as the deformation, in millimeters, divided by the measured length of the edge of the glass, or diagonal, in millimeters, as appropriate.

**Support Conditions for Measurement of Overall Bow**

- 1) B or H
- (2) (B or H)/2
- (3) (B or H)/4
- (4) Maximum 100mm



- (1) Deformation for calculating overall bow
- (2) B or H, or diagonal length
- (3) Local bow
- (4) 300mm length



## Warpage and Bow Tolerances.

### Overall Bow Tolerances

The allowed warpage or overall bow tolerance should be in accordance.

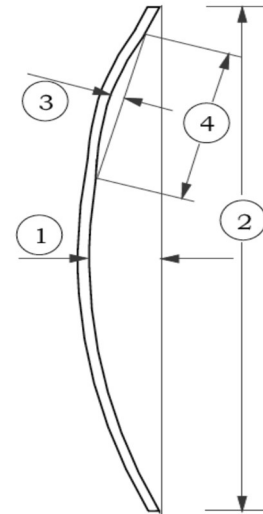
### Overall Bow (Bend) Tolerance Limit

Thick-ness	Up to 1.2 m	1.2 to 2.5 m	2.5 to 3.05 m	3.05 to 3.66 m	Above 3.66 m
4mm	4mm	4mm	6mm	NA	-
5mm	3mm	4mm	5mm	7mm	-
6mm	3mm	4mm	5mm	7mm	-
8mm	3mm	4mm	5mm	6mm	10 mm
10mm	3mm	4mm	4mm	5mm	10mm
12mm	3mm	4mm	4mm	5mm	8mm
15mm	3mm	4mm	4mm	6mm	8mm
19mm	3mm	4mm	4mm	6mm	10mm

### Local Bow Tolerances.

Local bow can occur over relatively short distances on the edges of the glass. Local bow shall be measured over a limited length of 300mm by using a straight ruler, or a stretched wire, parallel to the edge at a distance of 25 mm from the edge of the glass

- (1) Deformation for calculating overall bow
- (2) B or H, or diagonal length
- (3) Local bow
- (4) 300mm length



The maximum allowable values for the local bow, when measured according to 4.2.5.2, for glass without holes and/or notches and/or cutouts are given in Table

**Maximum Values for Local Bow**

Toughening Process	Local Bow mm/300 mm
Horizontal	0.5

For horizontal tempering, 200mm from either edges parallel to the roller waves shall be excluded from measurement. This method of measurement may not be applicable for non-rectangular glasses, e.g., triangles and trapezoids.

### **Important Considerations for Optical Distortion in Fully Toughened Glass.**

Pressures, exerted around the periphery of glass by the glazing system, can also alter glass flatness thereby distorting reflected images. This is true regardless of whether or not the glass is heat treated.

Sealed insulating glass units also exhibit distortion regardless of glass type. Air or gas, trapped in the sealed airspace between the panes, expands or contracts with temperature and barometric changes, creating a pressure differential between the airspace and the atmosphere. The glass reacts to the pressure differential by being deflected inward or outward.

Regardless of glass flatness, the degree of reflected distortion perceived is primarily and largely due to the characteristics or symmetry of the object being reflected. Linear objects (such as building curtain walls and telephone poles) and moving objects (such as cars) may appear distorted. Irregular and free-form objects such as trees and clouds will appear to have little perceived distortion.

Specified bow and warp limits may not adequately define, or control, the distortion that may become apparent after glazing. The factors, noted above, may have a larger influence on the perceived reflected distortion than that which is caused by bow and warp from the heat-treating process. Consultation with suppliers and the viewing of full-size mockups, under typical job conditions and surroundings, is highly recommended for user or architectural evaluation of the reflective distortion.

### **Fragmentation Test.**

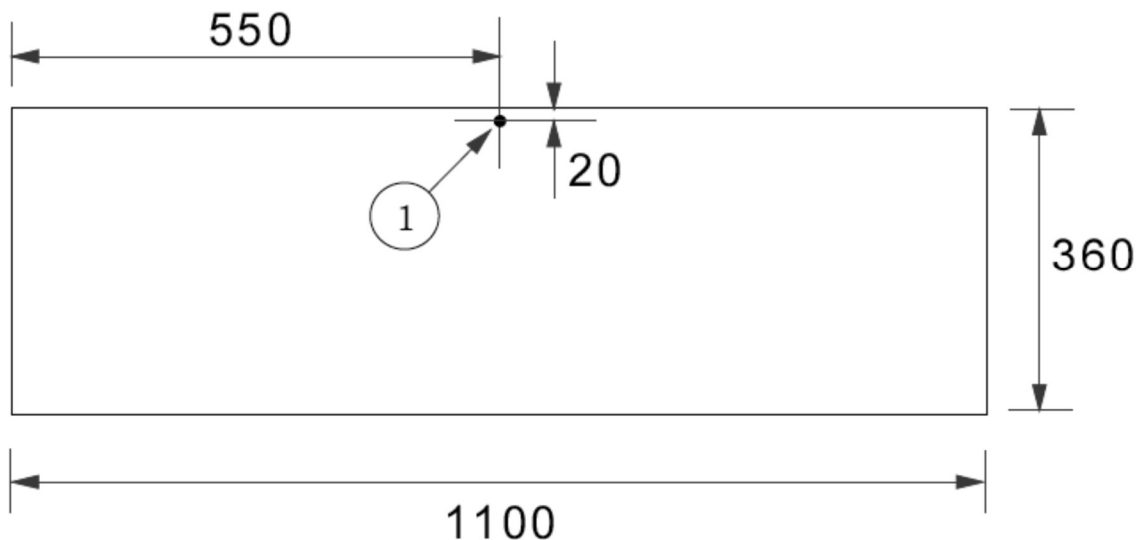
The fragmentation test determines whether the glass breaks in the manner prescribed for a thermally toughened safety float glass. Five specimens shall be tested having dimensions 360 mm x 1100 mm each, without holes, notches or cutouts.

### **Test Procedure.**

Each test specimen shall be impacted, using a pointed steel tool, at a position 13 mm in from the longest edge of the test specimen at the mid-point of that edge, until breakage occurs. Examples of steel tools are a hammer of about 75 gm mass, a spring loaded center punch, or other similar appliances with a hardened point. The radius of curvature of the point should be approximately 0.2 mm.

The test specimen shall be laid flat on a table without any mechanical constraint. In order to prevent scattering of the fragments, the specimen shall be simply held at the edges, e.g. by a small frame, adhesive tape etc., so that the fragments remain interlocked after breakage yet extension of the specimen is not hindered.

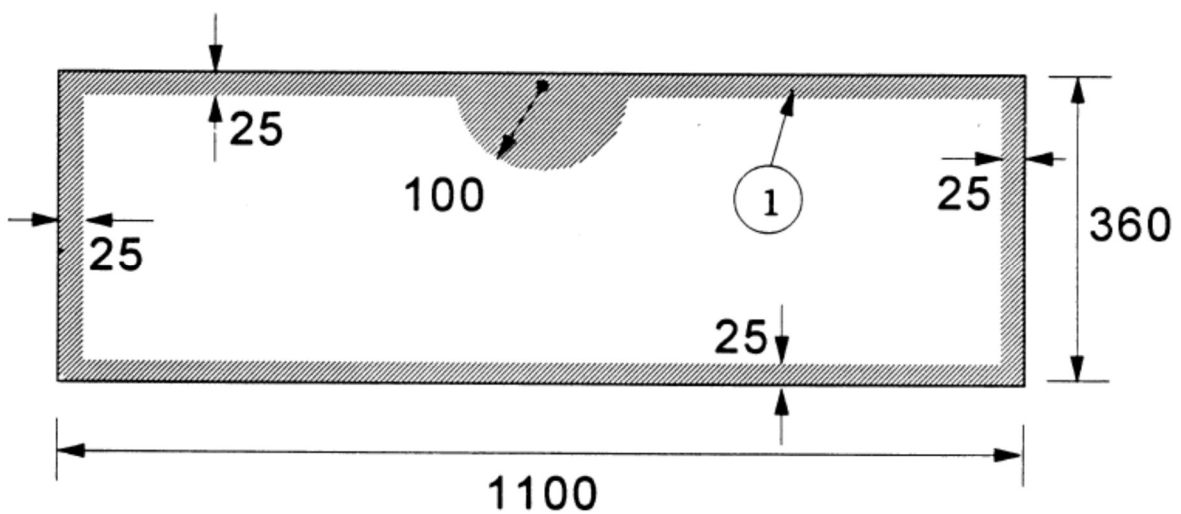
### **Position of Impact Point**



**Assessment of Fragmentation**

The particle count and measuring of the dimensions of the largest particle shall be made between 4 minutes to 5 minutes after fracture. An area of radius 100 mm, centered on the impact point, and a border of 25 mm round the edge of the test specimen (see Figure 4.5), shall be excluded from the assessment.

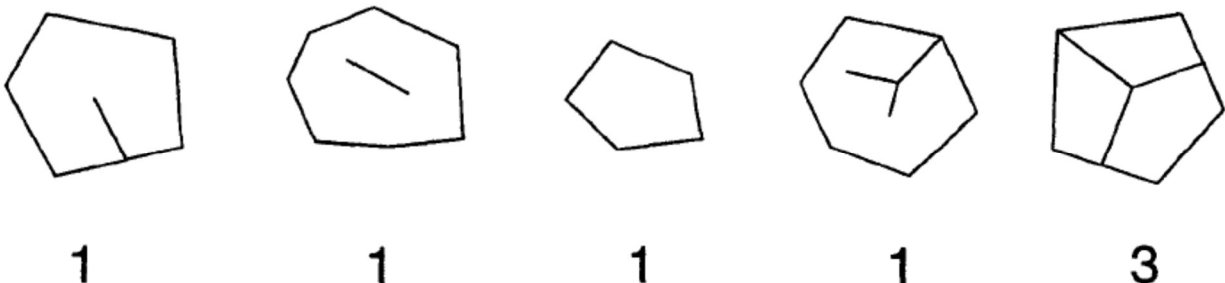
**Area to be excluded from Particle Count.**



The particle count shall be made in the region of coarsest

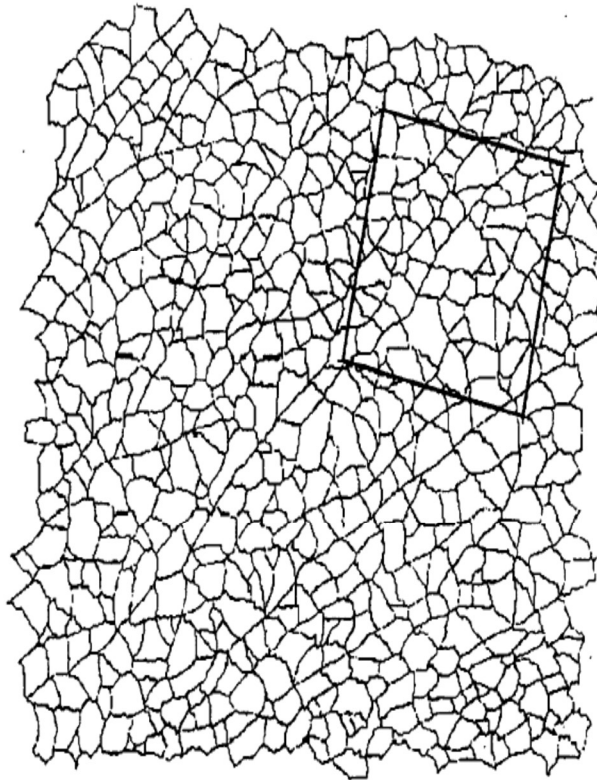
Fracture (the aim being to obtain the minimum value). The particle count shall be made by placing a mask (50 ± 1) mm x (50 ± 1) mm on the test piece. The number of crackfree particles within the mask shall be counted. A particle is 'crack-free' if it does not contain any cracks which run from one edge to another.

**Examples of Crack-Free Particles and their Number Assessment**

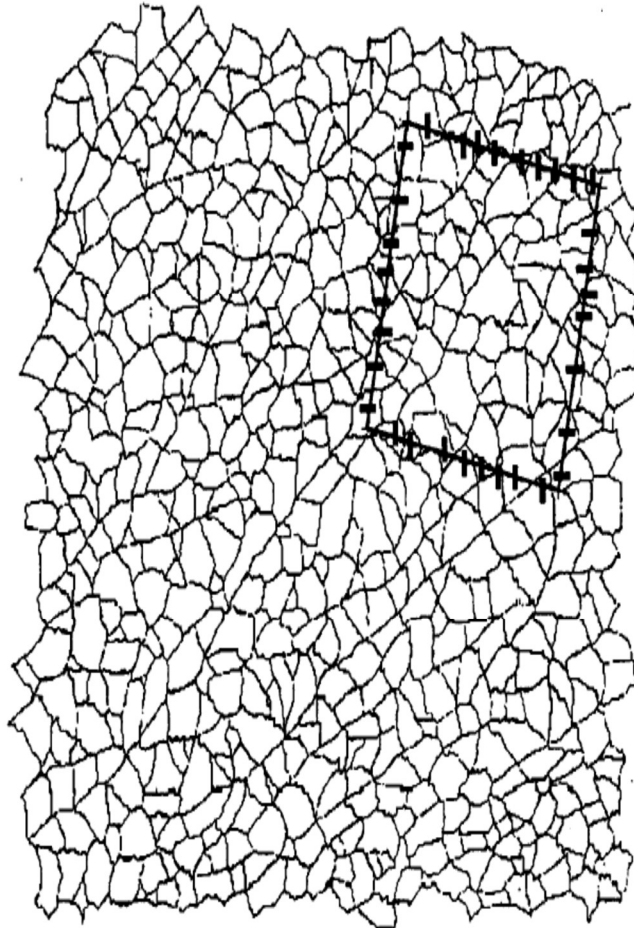


In the particle count, all particles wholly contained within the area of the mask shall be counted as one particle each and all the particles which are partially within the mask shall be counted as half particle each

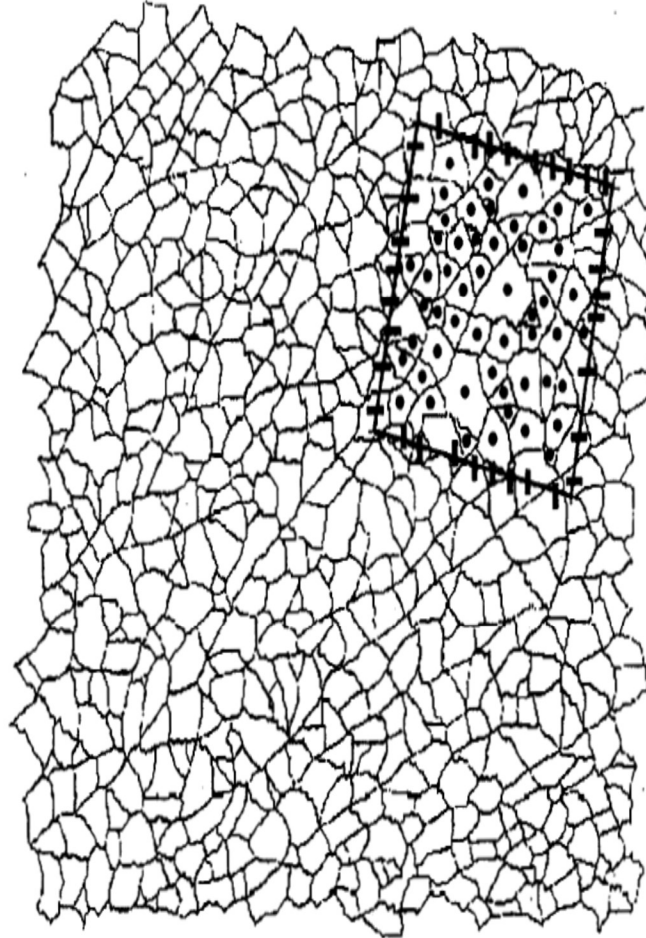
**Select Area of Coarsest Fracture.**



**Count Perimeter Fragments as ½**



**Count Central Fragments and Add to Perimeter Count to Obtain Final Count**



**Minimum Values from the Particle Count.**

In order to classify a glass as a fully toughened safety float glass, the particle count of each test specimen shall not be less than the values given in Table

### Minimum Particle Count

Glass Type	Nominal Thickness (mm)	Minimum Particle Count
Float and Drawn Sheet	3	15
	4 to 12	40
	15 to 19	30
Patterned	4 to 10	30

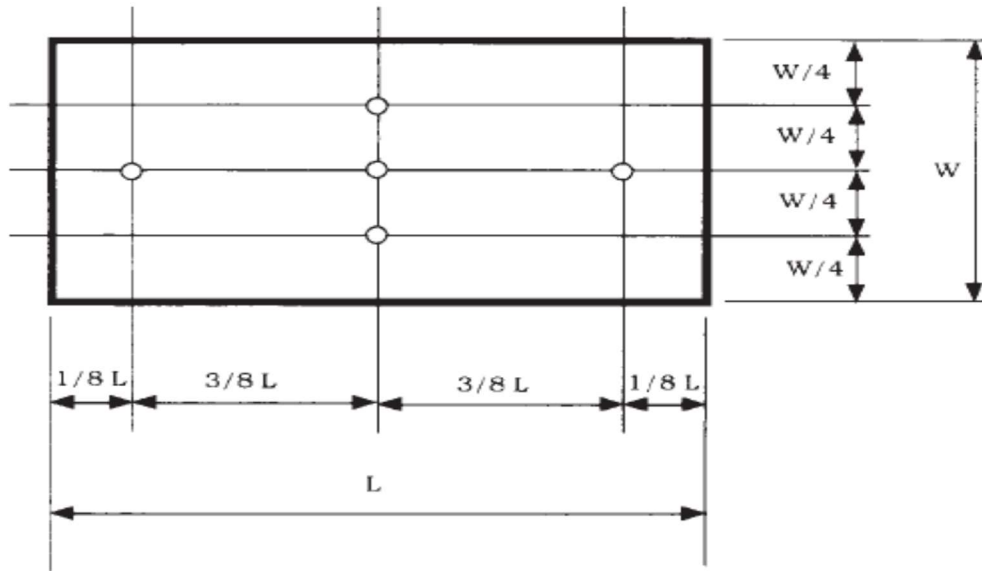
### Stress Measurement Test

Stress measurement is a non-destructive test to check the toughening properties of fully toughened safety float glass. The specimens are examined by the polariscopic or light refraction methods<sup>13</sup> for surface or edge compression. When the range of the apparatus permits examination for edge compression only, obtain the averaged value for all midpoints of every edge.

### Test Procedure.

Two surface compression measurements shall be made in each of five locations, oriented in two directions at 90° to each other, for a total of ten readings on each specimen to be tested. Average the ten readings to determine the stress level of the test sample. The five locations to be examined are shown in Fig.

**Five Points to be examined.**



**Assessment of Measurements.**

Fully toughened glass shall have either a minimum surface compression of 69 MPa (10,000 psi) or an edge compression of not less than 67 MPa (9,700 psi).

**Marking.**

Logo position from corner edge (preferably bottom-right) should be preferably  $25\text{mm} \pm 5\text{mm}$ . All float toughened glass should have mark 'TF' along with brand name.

## Physical Characteristics.

Heat-treated glass (heat-strengthened or tempered) can have an optical phenomenon that is called strain pattern or quench pattern. This phenomenon can appear as faint spots, blotches, or lines. This is the result of the air quenching (cooling) of the glass when it is heat-treated and should not be considered a glass defect.

The heat treatment process results in a higher surface compression directly opposite the air quench, air nozzles or slots. The higher compression areas are denser and can exhibit a darker appearance under some viewing conditions especially when light is polarized, such as a skylight or other forms of reflected light. The colors of the strain pattern are sometimes referred to as iridescent, or the general condition as iridescence. The pattern that is seen under certain lighting conditions may vary from manufacturer, depending on the design of the cooling apparatus. The intensity of the quench or strain pattern is influenced by the viewing angle, lighting conditions and by the perceptiveness of the viewer. It is nearly impossible to eliminate the strain pattern or quench pattern in heat treated glass products.

The presence of a strain pattern or the perceivable differences in the strain pattern is not a glass defect or blemish and is not cause for rejection. In addition, the presence of a strain pattern does not alter the structural integrity or safety of the glass lite.

When viewing from the interior of the building, the quench pattern may be visible from a 10° viewing angle and not apparent at a 90° viewing angle from the surface of the glass. When viewing the glass in reflectance from the exterior of the building, the quench pattern may be visible when looking at the glass surface

at a 30-60° angle. Visibility of the quench pattern may be accentuated with thicker glass, tinted glass substrates, coated glass and multiple lites of heat-treated glass in laminated or insulating glass products.

Construction sites may yield viewing angles and conditions that cause the quench pattern to become visible. However, upon completion of construction; the presence of interior

walls; finishes; furniture; and plants frequently results in the strain pattern being less visible or not visible at all.

The stresses introduced in the heat-treating of glass are an inherent part of the fabrication process, and while they may be affected or altered depending on the heating process, controls and/or quench design, they cannot be eliminated. Design professionals should be aware that quench patterns are not a defect in heat-treated glass and, therefore, are not a basis for product rejection.

### **Spontaneous Breakage due to Nickel Sulphide Inclusions.**

In various situations fully tempered glass may break for no reason. Many factors might cause such spontaneous breakages, but the most common are nickel sulphide inclusions. Nickel sulphide inclusion, also known as NiS, occurs during the manufacturing process for float glass. In the glass batch, nickel-rich contaminants such as stainless steel might be present, and then combine with sulphur to form nickel sulphide inclusions. Nickel sulfide is an interesting compound that exists in different phases at different temperatures. Two specific phases of NiS exist, known as the alpha-phase and the beta-phase. At temperatures below 380°C (715 F), nickel sulfide is stable in the beta-phase. Above this temperature, it is stable in the alpha-phase. Therefore, when glass is produced in the furnace, it is overwhelmingly likely that any NiS inclusions will be in the alpha-phase. In typical annealed glass, the slow cooling process provided by the annealing lehr allows the NiS ample time to transform to its beta-phase as the glass cools. However, in the fast cooling process used in both heat-strengthened and tempered glass, there is insufficient time to complete the phase transition (which is a relatively slow

process). The inclusions therefore are “trapped” in the glass in their hightemperature alpha-phase.

However, once the glass cools past the phase change temperature, the NiS inclusion seeks to reenter its lower energy beta-phase. For “trapped” inclusions, this process takes anywhere from months to years. When NiS changes from alpha-phase to beta-phase, it increases in volume by 2 to 4%. This expansion creates localized tensile stresses that are estimated to be as much as 125,000 psi (860 MPa) at the glass-NiS Interaction surface. The magnitude of this stress drops off sharply away from the face of the inclusion, but is sufficient at the face to cause microcracking.



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**LAMINATED GLASS QUALITY PARAMETERS**

**Nominal Thickness.**

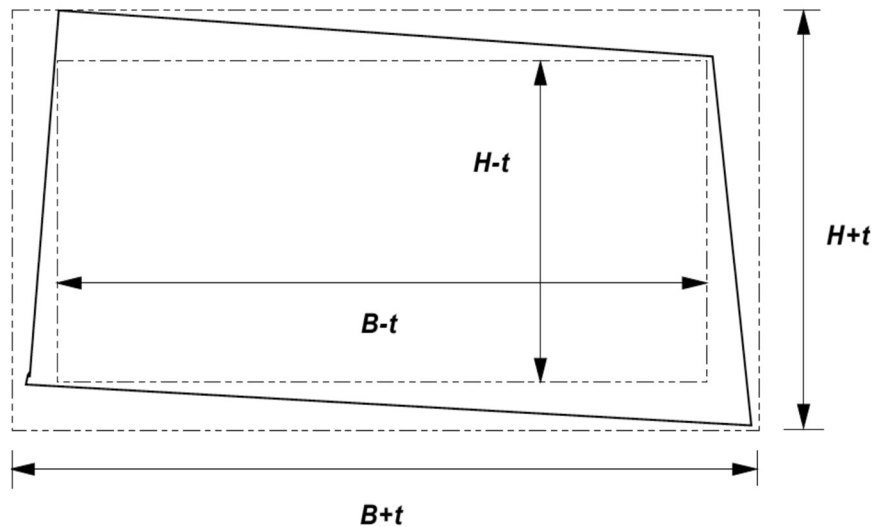
The nominal thickness of laminated glass shall be the sum of the nominal thickness of constituent panes of glass and interlayer material.

The thickness of the pane shall be calculated as the mean of measurements taken at the centers of the four sides. The measurements shall be taken to an accuracy of 0.01mm and the mean is then rounded to the nearest 0.1mm. The individual measurements when rounded to the nearest 0.1mm shall also be within the limit deviation.

**Dimensions**

Tolerance limits for dimensions for rectangular glass panes are given in Figure and tolerances on width and length should be in accordance with Table

**Tolerance Limits for Dimensions of Rectangular Panes**



### Tolerances on Width B and Length H

<b>Limit Deviations t on Width B or Length H</b>			
<b>Nominal Dimension of Side, B or H</b>	<b>Nominal Glass Thickness d ≤ 8 mm</b>	<b>Nominal Glass Thickness d &gt; 8 mm</b>	
		<b>Each Glass Pane &lt; 10 mm Thickness</b>	<b>At Least One Glass Pane ≥ 10 mm Thicknes</b>
< 1100	+2 / -2	+2 / -2	+3 / -2.5
< 2440	+3 / -2	+3 / -2	+4 / -3
> 2440	+4 / -3	+4 / -3	+4.5 / -4

### Displacement

Displacement is the misalignment at any one edge of the constituent glass panes making up the laminated glass. The maximum allowable displacement is as given in Table

### Maximum Displacement in Laminated Glass

<b>Nominal Dimension of Side, B or H</b>	<b>Maximum Permissible Displacement</b>
B, H ≤ 1000	2.0
1000 < B, H ≤ 2000	3.0
2000 < B, H ≤ 4000	4.0
B, H > 4000	5.0

### **Glass Edge Finish.**

Once the glass is toughened or heat-strengthened, it shall not be edge-worked after making into a laminate. These panels need to be individually worked upon before toughening and then assembled into a laminate.

For details of acceptable edge finishes refer to the relevant toughened and heat-strengthened standards (4.2.4 and 5.2.4 respectively).

### **Spot Defects**

This type of defect includes opaque spots, bubbles and foreign bodies.

### **Linear Defects.**

This type of defect includes foreign bodies and scratches or grazes.

### **Other Defects.**

Glass defects such as vents and interlayer defects such as creases, shrinkage and streaks.

### **Opaque Spots**

Visible defects in the laminated glass (for e.g., tin marks, inclusions in the glass or interlayer).

### **Bubbles**

Usually air bubbles, these can be in the glass or in the interlayer.

### **Foreign Bodies**

Any unwanted item introduced into the laminated glass during manufacture.

### **Scratches or Grazes**

Distortions introduced into the interlayer by folds visible after manufacture.

### **Streaks due to Interlayer Inhomogeneity:**

Optical distortions in the interlayer that are caused by manufacturing defects in the interlayer, and are visible after manufacture.

### **Edge Area**

For panes sizes  $\leq 5m^2$  the width of the edge area is 15 mm. The edge area width is increased to 20 mm for pane sizes  $> 5m^2$ .

### **Vision Area.**

The area outside of the edge area is called as vision area.

### **Test Method for Inspection.**

The laminated glass to be observed is put in a vertical position, in front of and parallel to a matt grey screen, lit by diffused daylight or equivalent. The observer will be at a distance of 2 meters from the glass and shall observe it perpendicularly (the matt screen being on the other side of the glass). Defects that are disturbing when viewed shall be marked.

### **Defects in the Vision Area**

#### **Spot Defects in the Vision Area**

When inspected according to the test method stated in 7.2.4.2, the admissibility of spot defects depends on the following:

- Size of the defect
- Frequency of the defect
- Size of the pane
- Number of panes as components of a laminated glass. This is expressed in Table

### Permissible Spot Defects in the Vision Area.

Size of Defect $d$ in mm		$0.5 < d \leq 1.0$	$1.0 < d \leq 3.0$			
Size of Pane $A$ in $m^2$		For all Sizes	$A \leq 1$	$1 < A \leq 2$	$2 < A \leq 8$	$A > 8$
Number of Allowed Defects	2 Panes	No limitation, however no accumulation of defects	1	2	1 / $m^2$	1.2 / $m^2$
	3 Panes		2	3	1.5 / $m^2$	1.8 / $m^2$
	4 Panes		3	4	2 / $m^2$	2.4 / $m^2$
	$\geq 5$ Panes		4	5	2.5 / $m^2$	3 / $m^2$

Defects less than 0.5 mm are not considered and defects greater than 3 mm are not permitted.

An accumulation of defects occurs if four or more defects are at a distance of < 200 mm from each other. This distance is reduced to:

- 180 mm for laminated glass consisting of three panes,
- 150 mm laminated glass consisting of 4 panes, and
- 100 mm laminated glass consisting of five or more panes.

The number of permissible defects in Table 7.1 shall be increased by 1 for each individual interlayer which is thicker than 2 mm.

### **Linear Defects in the Vision Area.**

When inspected according to the test method given in 7.2.4.2, the linear defects are allowed as given in Table.

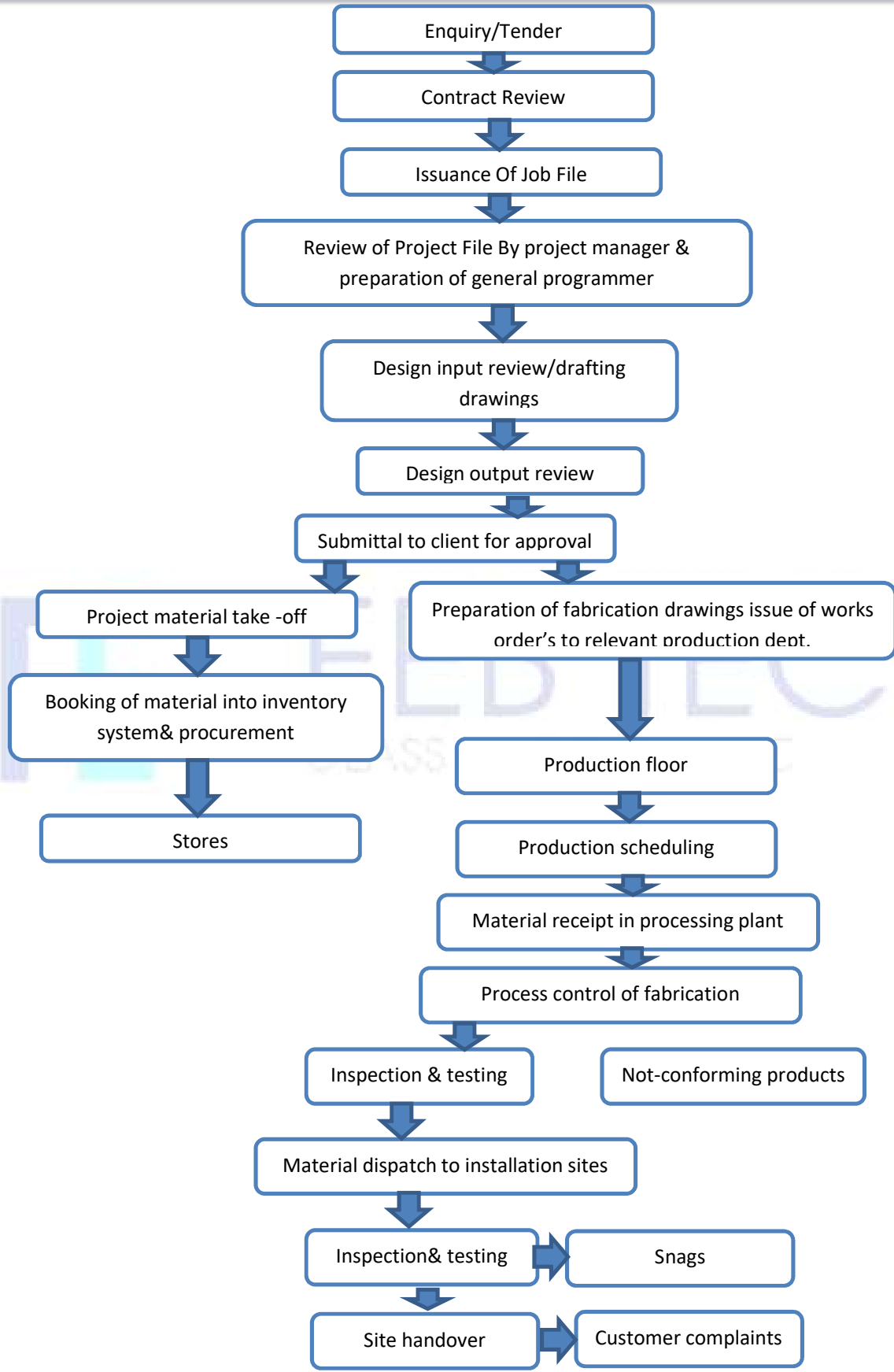
### Number of Permissible Defects in the Vision Area

Area of Pane	Number of Permissible Defects $\geq 30$ mm in Length
$\leq 5$ m <sup>2</sup>	Not Allowed
5 to 8 m <sup>2</sup>	1
$> 8$ m <sup>2</sup>	2

Linear defects less than 30 mm in length are allowed.



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## **12. HSE POLICY**



## HSE POLICY

We, FEB TECH GLASS WORKS L.L.C, are a pioneer firm in the field of all sorts of glass works with a well-known name in the industry. FEB TECH is a leading high-performance glass fabrication firm specializing in architectural, decorative, and structural glass products such as stained, painted, sandblasted, curved, laminated, and tempered glass. We offer decorative mirrors, safety mirrors, and structural mirror cladding. Our goal is to constantly realize and embrace the Architect's/Artist's idea/design while giving and implementing the finest available quality and solutions. We are always pushing the frontiers further. Our company is completely committed to the principle of health, safety, and environmental performance, which encompasses the framework of operations and accommodates the requirements of management and staff.

- We prioritize the safety and well-being of our employees and stakeholders in all aspects of our operations.
- We adhere to all relevant health, safety, and environmental regulations, standards, and industry best practices.
- We are committed to ongoing improvement in our HSE performance through regular reviews, audits, and updates to our policies and procedures.
- We strive to minimize our environmental footprint by promoting resource conservation, waste reduction, and pollution prevention initiatives.
- We actively communicate HSE responsibilities and expectations to all employees, contractors, and stakeholders, and encourage their participation and feedback to enhance our HSE initiatives continually.

At FEB TECH GLASS WORKS L.L.C, safety, compliance, and environmental responsibility are integral to everything we do. Through our unwavering commitment to HSE excellence, we aim to create a workplace that is safe, sustainable, and conducive to the well-being of all.

FOR



**FEB TECH GLASS WORKS L.L.C**

AUTHORIZED SIGNATURE



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**13.GENERAL SAETY**

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## **GENERAL SAETY**

### **1. GENERAL SAFETY**

#### **A. Company Safety Policy**

It is the policy to carry out all its work in a way that provides healthy and safe working condition and avoid risk of injury to anyone as a result of the activity for which company is responsible.

The overall responsibility for health and safety rests at the highest level; however, all Individual employees have responsibility towards safety and must participate in carrying out the company policy. Appropriate training, supervision and information are provided to encourage and enable employees to carry out their duties safety.

#### **B. Administration & Responsibility**

The fundamental in the administration of this Safety Manual include risk assessment; employee health and training, regular toolbox talks meeting; routine work area, tool and equipment safety inspections; emergency preparedness; accident reporting and investigation; and environmental protection.

The objective of this Safety Manual is to ensure the health and safety of all workers of the project site.

The following responsibilities are assigning to accomplish the objective.

##### **1. Project Manager**

It is natural that the administration of Safety, Health and Fire Prevention programs are part of the responsibility of the project manager who is overall in charge of construction activities at the site as delegated project manager. His responsibility will include the following:

- Ensure that the subordinated have a thorough understanding of their safety responsibility and all safety control are in place.

- 
- Motivates the site organization to maintain high quality safety and health standards at all times during the work to get the better results.
  - Comply with Clients Safety procedures by immediate addressing any health and safety issue and strictly implementing appropriate actions.
  - Review all near misses, incidents, accidents, etc., and take appropriate action to stop the recurrence.
  - Overall in-charge for the safe execution of job and safety measures.
  - Incorporate safety concern in the Method Statement of various work activity.

## **2. Safety Officer**

- The Safety Officer is responsible for all administration of safety, health and fire prevention program. He reports directly to the Project Manager and served in an advisory capacity. The safety Officer's duties and responsibilities include the following:
- Implementation established procedures, politics, and work instruction to promote the safety throughout the project site.
- Carries out site inspections of work areas, and reports any observed unsafe action or condition to the responsible engineer, supervisor and foremen for immediate corrective actions.
- Guides and advises the employees for effective implementation of OHS requirements.
- Ensures that each Supervisor conducts a weekly Toolbox meeting with all personnel in attendance, provides appropriate topics for discussions and initiates follow-up responses to safety concerns addresses during this meeting.
- Arranges for securing work permits based on the project site conditions and as per requirement. Performs air monitoring for harmful or explosive substances in the Work environment.
- If requires, monitors compliance with established Pollution Control and Environmental Protection standards and regulations.
- Investigates accident, incidents, and near misses and advises the Project Manager for necessary corrective/ preventive actions.
- Identifies the safe areas near the work areas, location of emergency facilities such as Fire service, water, first aid clinic, etc.

### **3. Project Engineer/ Site Supervisor**

The Project Engineer / Site Supervisor are responsible for all activities on the project site including the prime responsibility for the health and safety of his workers.

In carrying out his duties, he will make sure that:

- Safety rules, regulations standards noted in this manual, and the Laws and Regulations of the main contractor and client and various statutory bodies are complied with the enforced.
- The worker has a though understanding of their health and safety responsibilities required by the main contractor and that all safety control is in place.
- Delegate safe work procedure that will ensure safe operation.
- The Safety Officer is provided with the necessary information require evaluating effectiveness of safety and health on the project site.
- All near misses, incidents, accidents, etc., are reported promptly to the concerned parties and take appropriate action to stop the recurrence.
- Inspections of all tools/ equipment/ vehicles are carried out before starting of the job to ensure that they are in good working condition.
- Competent personnel are detailed to carry out the job in the safe manner.

### **4. Site Foreman / Charge Hand**

The Site Foreman / Charge hand are responsible for the health of all personnel working directly under their control and supervision. In carrying out his duties, they will make sure that:

- Safe working conditions are maintained in all work areas under their supervision.
- Safety rules, regulation and standards noted in this manual, Laws and regulation of **Main Contractor** and **Consultants** and various statutory bodies are complied with and enforced.
- The subordinates are aware of their safety responsibility required by the main contractor and all safety control is in place.
- All accidents, incidents and near misses are reported promptly to the safety officer / Supervisor and cooperate in the commencing work.

- Observe activities of subordinates to know they are following the correct procedure.
- Carry out inspection of all tools/ equipment before starting the job and ensure that all equipment / vehicles / tools are in good working condition.
- Appropriate actions are taken to eliminate all recognized hazards.

#### **5. Workers & Others Site Employee**

- Each employee is expected to perform his duty in a safe manner by complying with established policies, rules and regulation and standards.
- Every employee must adopt safe work practice and report all hazards that are expected and found. All injuries must be promptly reported to the safety officer.
- All men will wear safety helmet, safety shoes, and coveralls other personal protective equipment will be worn as dictated by the job hazards.
- The work place is to be kept neat and tidy, and all rubbish and debris to be removed by end of each day.
- Only well maintained and good conditioned tools are to be used. Make shift arrangement are not permitted. Correct tools must be used for the appropriate job.
- Consumption of alcohol and prohibited drugs during work is prohibited.
- All the electrical equipment shall be in good condition and certified where appropriate.
- Escape glares/ assembly points shall be known to all.
- Any site personnel found violating any health & Safety rules, regulation and standard shall be immediately removed from the project site, whether or not it resulted to injury or damage to property.

#### **Safety Organization & Co-ordination**

FEBTECH may employ a full-time, Safety Officer who shall co-ordinate with the main contractor's Safety Officer and develops a team effort in the execution of the projects health and safety program.

FEBTECH & Sub-contractor shall display all applicable health and safety Information such as rules, regulations and notices.

Main contractor Safety Officer shall chair as weekly Meeting to be attended by Senior Representatives such as Project Manager, Safety Officer and site Engineers of FEBTECH & Sub-contractors. The meeting shall form the basis for all the ongoing safety plan development and implementation. Investigation report arising from accident and near misses shall be reviewed to determine the underlying causes and come up with appropriate recommendation to avoid recurrences.

On the Supervisory level, FEBTECH's Project Manager shall chair a weekly meeting with FEBTECH, FEBTECH's Contractors and vendor supervisors and Safety Officers to cascade information from the safety committee meeting and to discuss health and safety issues affecting the site personnel and installation activities. Minutes of meeting shall be recorded and distributed to concerned parties.

Format health and safety audits and inspections shall be conducted.

#### **Records of Key Personnel On/Off Project Site**

FEBTECH Safety Officer shall maintain a list of the current key site personnel for emergency purposes. The list shall include:

Office, residence and mobile telephone numbers, Address of accommodation and Contact telephone number or address of nearest relative.

#### **Project Site Layout & Restricted Areas**

FEBTECH shall ensure that their, and FEBTECH's Subcontractor site personnel are fully aware of the project site layout and routes to and from specific operational zone.

No site personnel shall enter restricted areas without prior written authorization from FEBTECH's Project Manager.

#### **Access Routes**

Through the safety induction and toolbox talks, operators and drivers will be made aware about the site layout and access routes.

Protection shall be provided to any permanent or temporary structure such as scaffolds or false works.

Proximity of routes to shafts, excavation and water hazards shall be avoided. Workers shall be updated of any change in the site layout or access route through toolbox talks.

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### **Transportation and Pedestrians**

On the construction site, many accidents happen every year due to workers coming in contact with vehicle & mobile plant shall be taken in to the consideration.

The following control measure shall be taken to eliminate / reduce the risk associated with construction vehicle and plant.

All vehicles used on site shall be in good working condition. Maintenance shall be carried out in a designated safe area. A maintenance log shall be maintained.

Segregate pedestrians from vehicle movement areas by installing physical barriers between walkways and traffic routes.

Suitable warning signs shall be displays to inform pedestrians and drivers of the risk. Where vehicles are required to cross the walkways or where vehicles are reversing in the proximity of pedestrians, a banks man wearing a high visibility jacket/vest, shall control traffic.

Plant equipment shall be equipped with yellow beacon (rotating) lights back horns (for reversing). Beacon lights shall be kept "on" while the plant equipment is operating inside the project site.

### **Loading and Unloading of Materials**

All loads shall be properly secured to prevent instability during transportation.

Loads shall only be replaced on vehicles, which are suitable for the task to be undertaken.

Where there is a risk of falling, suitable means of access shall be provided to high loads.

FEBTECH's Safety Officer shall report any delivery of hazardous loads to the Main Contractor Safety Officer and advise the driver of any specific risk that may affect the delivery.

Precautions shall be taken not to allow people on the vehicle whilst loading. If at all it is not possible, then the safe position shall be provided.

Vehicles shall not be overloaded. The load shall be evenly distributed.

Warning flags or signs shall be attached to any material that will extend over the body of the vehicle.

Wherever loading and unloading will be closed to a scaffold, extra precaution shall be taken to avoid any sort of contact or collision.

All loading and unloading activities shall be carried out under the supervision of the Site Foreman or Site Supervisor.

Small items, such as anchor bolts, brackets and shims, are brought to the upper floors of the building by cradles.

The cradle operator shall observe the load capacity of the cradle by controlling the quantity of items to be loaded.

Mullions and glass sheets (in case) are brought to the upper floors of the building by tower cranes.

The Site Foreman or Site Supervisor shall ensure that mullions and glass sheets crates are properly lashed to prevent damage and slipping / falling while being lifted to the upper floors of the building.

### **Health & Safety Training**

FEBTECH is providing the necessary health and safety training for the workers and this will continue till completion of the project.

Incident Prompted Topics – Those arising from the circumstances of a near miss or accident incident.

Daily Briefings - those given to the worker by first line supervision to reaffirm the requirements of the Method Statement prior to the start of the day's tasks:

Example: Location, equipment materials, PPE & safety considerations. These should be given at the workplace wherever practical.

Workers are encourage to bring up deficiencies or hazards which they have noted or make suggestions to improve working conditions. The Site Foreman / Site Supervisor are responsible to respond or correct the deficiencies.

Topics discussed and health and safety concerns raised and addressed during the Toolbox Talk shall be recorded. (Toolbox Talk Register).

### **General Site Rules and Regulations**

FEBTECH and our Sub-contractor employees shall follow the \general Site Rules and Regulations, while inside the project site. The Project manager shall take appropriate disciplinary action against the violators.

## **Emergency Awareness for Site Foreman / Charge Hand**

FEBTECH shall ensure that the Site Foreman and Charge hands are given sufficient health and safety training focusing on emergency response, as they are the responsible persons who ensure that the workers carry out the job.

The training is intended to increase the emergency awareness level of the site Foremen and charge hands so they can react accordingly to any emergency, thereby minimizing the damage on property and saving lives.

### **I. General Health & Safety Inspection**

To maintain a safe working environment, FEBTECH will conduct regular inspection of personal protective equipment, firefighting equipment, tools, and machinery and work areas. Such safety inspection shall be in conformance with Main Contractor safety standard.

To maintain a safe working environment, FEBTECH will conduct regular inspection of personal protective equipment, firefighting equipment, tools, and machinery and work areas. Such safety inspection shall be in conformance with Main Contractor safety standard.

Safety Officer shall be the focal point of health and safety inspections. Any unsafe act or conditions observed shall be noted and reported to the project Engineer or Site Supervisor to take proper corrective action.

Records of inspections irregularities and implementation of corrective actions shall be monitored and maintained for the duration of project.

- In the absence of Safety Officer, the Project Manager will ensure that safety inspection activities are maintained by delegating this responsibility to competent personnel. The following, but not limited to, should be considered at the time of Site Safety Inspection.
- Focus on general working conditions and works practices, housekeeping, protective equipment's tools and equipment, materials storage and materials handling etc.
- Determine possible ways to solve problems by eliminating the hazards at its source removing or reducing the hazards by utilizing protective equipment etc.
- In a situation of immediate threat to the employee's health or safety take immediate action to correct unsafe work practices.
- Document all observations for review and listing appropriate recommendation for supervisory and deficiency correction. Conduct safety inspection weekly; follow up on outstanding items from previous inspection.

- Observation will be documented. (Daily Safety Inspection Report) noting location, observation and recommendation for corrective action and noting assignment of responsibility.
- A copy of the Daily Safety Inspection Report will be given to the Project Engineer and Project Manager for information and documentation.
- Safety Officer shall conduct a weekly safety inspection. (Weekly Safety Inspection Report)

**J. Accident Reporting and Investigation**

All accidents irrespective of the seriousness, or property damage of any extent or any near miss accidents will be reported and investigated. United Aluminum LLC believes that prompt reporting and thorough investigation of an accident/ incident/ near miss could prevent further recurrences by implementing the appropriate corrective actions. The procedure for accident investigation will be as follows:

- Accident/ Injury Report forms shall be duly completed by the injured worker's Supervisor/ engineer. The brief details of the accident shall be recorded. (Accident/ Injury Report) Should there be a witness to the accident; the witness shall be interviewed by asking appropriate listed questionnaire.
- The Supervisor/ Engineer shall investigate the accident through inquiries, visual inspection and evaluation of accident scenario and offer an opinion of the accident cause. He will submit to the Safety Officer.
- Once the interview with the witness is completed and the statement has been recorded in the above mentioned Accident/ Injury Report Form, the witness is to read the recorded statement and sign with date in presence of person(s) recording the statement. Do not let the witness read the injured employee's description of the accidents, as it may alter the witness actually and action.
- A copy of the completed form will be filed in the injured employee's personnel file and in safety department accident/incident file.

**K. Health & Safety Violation**

Based from the Safety Officer's Daily/ Weekly Inspection Report, the Project Manager shall issue a notice of violation to the Project engineer or Site Supervisor or to the worker who continues to repeat unhealthy or unsafe practices even after being made aware of it.

Details shall be recorded. (Notice of Health & Safety Violation)

This notice contains the details of the violation and the recommended corrective action(s) to be taken. The Safety Officer shall be given a copy of the Notice of Health & Safety Violation for Documentation.

The worker may be removed from the site depending upon the seriousness of the violation and number of violation notices issued against him.

#### **L. Health & Safety Documentation**

FEBTECH will ensure that the following health and safety documents are completed and maintained to provide objective evidence regarding the Health and Safety requirement as per project procedure.

- Health & Safety Induction Register
- Toolbox Talk Register
- Daily Inspection Report
- Weekly Inspection Report
- Accident / injury Report
- Health & Safety Violation Notice
- First Aid Log

Copies of the above mentioned documents are in the end of this manual in the form of attachments.

#### **M. Health & Safety Risk Assessment**

It is FEBTECH's responsibility to remove the risk associated with the job or reduce it to acceptable levels. Identification, consequence, control & recovery from the hazards posed by each work activity shall be covered by a Risk Assessment.

Risk Assessment is the process of analyzing a risk for deciding the priority and adequacy of control measures.

The Project's Method Statement has been submitted to Main Contractor in advance for approval.

The Risk Assessment is part of specific Method Statement and may be used to educate the workers during toolbox talks regarding the health and safety hazards of the job on hand.

#### **N. Work Execution**

Each work activity shall be supervised and carried out in accordance with the approved method Statement.

Specific hazards in each Method Statement are addressed by a risk assessment. Prior to the start of work, the Supervisor shall ensure that:

Current inspection and testing certified from a Third Party are obtained prior to use of equipment.

- Applicable work permits are valid.
- Toolbox talks have been carried out regarding the activities as per Method Statement and using the attached risk assessment to address specific job hazards.
- The FEBTECH safety Officer shall monitor the work activities on the project site for any unsafe act or unsafe condition and act accordingly to rectify the situation.

## **II. SAFETY IN GENERAL WORK**

### **A. Work Permit System**

In order to further ensure that workers are safe, the Work Permit System will be adopted in addressing the health and safety hazards related in carrying out any particular job within a given timeframe.

Through the system, all possible hazards related to a particular job are identified and assessed. In addition, control measures are recommended to prevent any untoward incident from occurring as well as emergency procedures in case something goes wrong during the execution of the job.

It shall be the responsibility of the Supervisor to:

- Refer to the specific work Method Statement to determine whether a work permit is required to carry out the job on hand.
- Method Statement are prepared and compiled by FEBTECH Project Management Team. Copies can be obtained from FEBTECH, Project Manager.
- Strictly supervise the activities and follow the safety recommendations stated in the Work Permit.
- Renew or close the Work Permit Upon completion of work expiry.

## **B. Manual Handling**

More than a quarter of all reportable accidents associated with manual handling. Poor posture and repetitive moment are important factors and such injuries can be cumulative, sometimes leading to permanent disability.

The scope for eliminating the handling of loads on construction sites is limited. Careful planning of storages area and deliveries of loads reduce manual handling requirement. Good handling techniques should be considered for any required manual handling essential for the prevention of an injury.

All workers shall be trained in manual handling to ensure that they understand the potential hazards relative to posture, weight of material, shape and other features.

- The correct method of lifting is to use the strong leg and thigh muscles and to maintain a straight back through-out the lift.
- 
- Keep feet apart to give a balanced and stable base for lifting. Leading leg forwards as far as possible, in order to change grip.
- Bend knees so that the hands, when grasping the load are as nearly level with the waist as possible. Do not kneel or over flex the knees.
- Keep the back straight. Lean forward a little over the load, if necessary to get a good grip. Keep shoulder level and facing in the same direction as the hips.
- Keep the arms within the boundary formed by the legs. The grip must be secure, carryout the lifting movement smoothly, and keep control of the load.
- Do not jerk. When turning to the side, move the feet. Do not twist the trunk. Keep the load close to the trunk as much as possible.

## **C. Hand Tools and Power Tools**

Use of hand tools and power tools is widely spread and severity of many tools injuries is alarming therefore, FEBTECH is dedicated to take all sort of precautionary measures to control hand tools and power tools injuries. The following points shall be taken into consideration white selection tools or during actual operation.

- Training shall be provided to the workers for proper selection of tools appropriate for the job.
- Hand held powered sanders or grinders with 2-inch diameter wheels or less, routers, planers, laminate trimmers, nibblers, shears, scroll saws and jigsaw with blade shanks one-fourth of an inch wide or less shall be equipped with only a positive on-off control.

- When work shall be performed overhead, tools not in use shall be secured or placed in holders.
- Throwing tools or materials from one location to another, from one to another or dropping them to lower level shall not be permitted.
- A portable power tool may have a lock-on control provided a single motion of the same fingers that turn it on can accomplish turn-off.
- All circular saws shall be equipped with anti-kickback device and guards that automatically and completely enclose the cutting edges and splinters.
- Cracked, bent or damaged circular saw blades shall be destroyed.
- All wooden handles shall be tight and free from cracks or splinters.
- Make sure that all electrical connections are protected and covered in a safe condition.
- Accident firing and free flight of the pin by inadvertent pressing of the trigger, by an accidental blow or dropping of the tool.
- Ricochets of the pins because the tool is not at right angles to the surface.
- Unauthorized use of cartridge operated tools.

#### **D. Welding and Cutting**

All welding and cutting equipment and operations shall be in accordance with standard and recommended practice of BS standard. All equipment shall be inspected daily. Defective equipment shall be removed, repaired or replace and re inspected before use. Prior to any welding or cutting activity, FEBTECH's supervisor shall verify and confirm whether a Work Permit is required. The following points shall be considered at most:

- All welding or cutting units shall be equipped with a compatible fire extinguisher
- Compatible fire extinguisher shall be provided in the immediate vicinity of the welding or torch operation.
- Fire hazards in the vicinity of materials to be welded, cut or heated shall be moved to safe location, or if they cannot be moved, it shall be covered by a fireproof material.

- 
- Workers in the vicinity shall be protected from welding rays, flashes, sparks, molten metal and slag buy providing barriers.
  - Welding cables hoses and other equipment shall be kept clear from the passage ways, ladders and stairways.
  - When welding or cutting is required where combustible or flammable materials are located, a Work Permit shall be obtained from the designated authority prior to start of the activity. The location shall be checked for latent fires after the work is complete.
  - Gas cylinder shall be kept beyond the range of sparks, hot slag or flame.
  - All electrical work in hazardous are shall be decided and planned by the supervisor taking into consideration the hazards, competency of the individuals, tools and equipment requirements, condition of the weather, etc.
  - During maintenance and repair work; the equipment involved shall be isolated and locked out to ensure physical separation and inadvertent switching on.
  - All electrical tools and equipment shall be inspected periodically. Damage or defective tools shall be returned to the store or workshop for repairing.
  - ELCBs shall be used on all circuits and in extending power from extension rolls for portable electric power tools.
  - Overloading of electrical circuits is prohibited. All circuits shall be used only for the designated load.
  - Steam, water or oil leaks near electrical equipment shall be reported immediately to the supervisor/safety officer.
  - Only approved three-pin plugs shall be used.
  - A minimum gap of 6 meters shall be maintained between the tip of the crane boom and energize overhead high voltage line.
  - Hot fuses or circuit breakers must be handled with rubber gloves and approved fuse puller.



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**FEB TECH GLASS WORKS L.L.C**  
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## **14. CONTACT US / LOCATION MAP**



## LOCATION MAP

### DUBAI

### AL QUOZ INDUSTRIAL 4



<https://maps.app.goo.gl/nj9NJepF3sfFBjDo6>

### SHARJAH

### AL SAJAAH - AL JLAIL



<https://maps.app.goo.gl/K1FBxH7y768EsxkR9>

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## OUR PRODUCTS

- Tempered Glass
- Double Glazing Glass
- Lamination glass
- Marine Glass
- Frosted Glass
- Acid Etched Glass
- Bullet Proof Glass
- Back-Painted Glass
- Curved (Bend Glass)Glass
- Acoustic Glass
- Smart Glass
- SS Doors
- Colour Mirrors
- Antique Mirrors
- Slim System
- Automatic Doors
- Ceramic Painting
- Aluminium Glazed Windows and Doors

