



DUSKAL

ALUMINIUM WORKS

COMPANY PROFILE

Aluminum and Glass Works

www.duskal.com

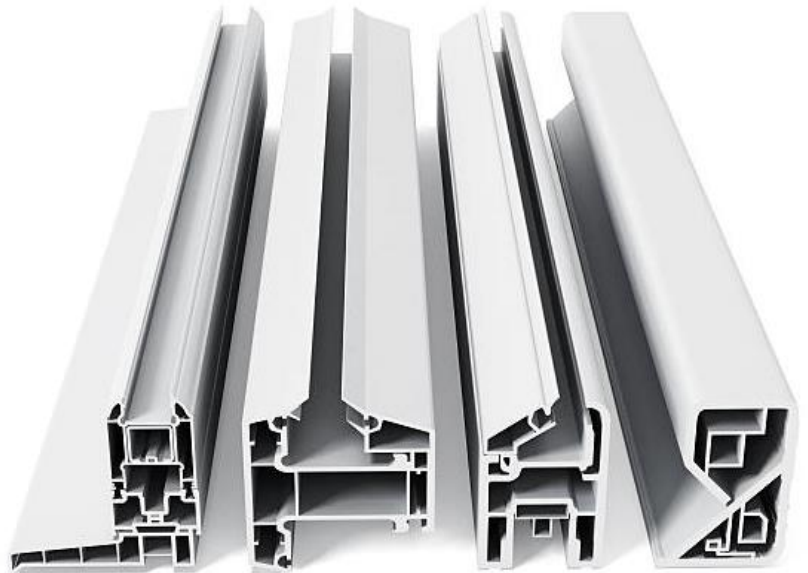
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INTRODUCTION

DUSKAL Aluminum Works formerly DUBAI SKY aluminum works is a dynamic company based in Umm Al Quwain new industrial area & Dubai which was established by a group of engineers with more than 10 years of façade construction | Engineering experience in the Middle East.

Our team combines façades experts with architectural, structural engineering and contracting background, to address performance specification, detailing and structural adequacy in steel, aluminum and glass engineering as well as cost efficiency and easy build ability. Our main line of business is the design and manufacture and installation of aluminum glazed products including shop-front, windows, doors, facades, ACP Cladding etc...



KEY COMPETENCIES

We are highly motivated and committed to achieving customer satisfaction.

We have sufficient ability to understand the requirements of the job specification, training and all aspects of health and Safety both at work and in accommodation facility.

OUR PURPOSE

To push the boundaries of what's possible with glass and building façades and develop solutions that increase the architectural value and enhance the living and working environment of buildings.



OUR VISION & AMBITION

We want to be a reference point in the aluminum and glass industry an innovative company which participate to the most ambitious projects, proposing the best product and most efficient management and strengthen our role as international leaders.

MISSION & ROLE

To provide the best custom made aluminum structures & frame of high quality standard representing the best value for money.

To maintain an efficient healthy and profitable organization by continuously observing our core values.

CORE VALUES

- **Quality**
- **Team Work**
- **Fairness**
- **Integrity**
- **Service Excellency**



WE OFFER

Our line of Activity involves designing, manufacturing, and installing aluminum products.

INWARD OPENING WINDOWS / DOORS

Turn or side hung window / Door
 Turn & tilt window
 Double casement window / Door
 Bottom hung or tilt window

OUTWARD OPENING WINDOWS / DOORS

Turn or side hung window / Door
 Double casement window / Door
 Top hung window / Concealed

ENTRANCE DOORS

Framed Swing Door
 Frameless Swing Doors





SLIDING WINDOWS / DOORS

- Sliding Windows / Doors with Fly screen
- Framed Automatic Sliding Doors
- Frameless Automatic Sliding Doors
- Framed Sliding Folding Doors
- Frameless Sliding Folding Doors

CURTAIN WALL

- Stick System Conventional Curtain Wall
- Stick System 2 Way Structural Glazing
- Stick System 4 Way Structural Glazing



ALUMINUM LOUVERS

- Aluminum Fix Exhaust Louvers
- Aluminum Louver Doors As per Authority Requirements
- Aluminum Decorative Louvers
- Aluminum Sand-Trap Louvers

RAILINGS

- Aluminum Stair Railings
- Stainless Steel Railings
- Balcony Glass Railing with Top Rails





CANOPIES / PERGOLAS

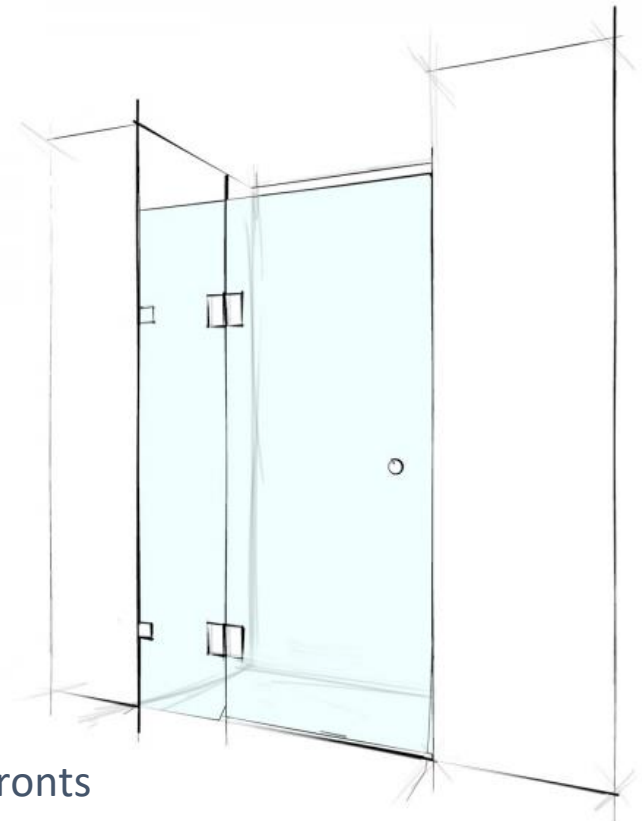
- Aluminum Cladded Canopy
- Frameless Glass Canopy
- Framed Glass Canopy
- Aluminum Pergola

SKYLIGHTS

- Aluminum Framed Skylight
- Frameless Glazed Skylight

FRAMELESS FACADES

- Point Fixed Façade (Spider Fittings)
- Frameless Glazed Facades & Shop Fronts



SCREENS

- Aluminum Perforated Screens
- Aluminum Claustra

ALUMINUM COMPOSITE PANEL

All kind of Aluminum Composite Panels Cladding Fire Rated as per Civil Defense Standards & regulations.

GOVERNMENTAL LICENSE (DUSKAL-UMMAL QUWAIN)

Government of Umm Al Quwain
Department of Economic Development



حكومة أم القيوين
دائرة التنمية الاقتصادية

رخصة مهنية رخصة Professional License

License Details		تفاصيل الرخصة	
License Number	8051	رقم الرخصة	
Trade Name	DUSKAL ALUMINUM WORKS	الإسم التجاري	دوسكال لاعمال الالمنيوم
Legal Form	Service Agent	الشكل القانوني	وكيل خدمات
Issue Date	12/03/2015	تاريخ الإصدار	
Expiry Date	10/03/2020	تاريخ الإنتهاء	
Registration No	11293	رقم السجل التجاري	
Main License No		رقم الرخصة الرئيسية	
Telephone	0507813814	الهاتف	
Email	s.k.jaber78@gmail.com	البريد الالكتروني	

Address Details		تفاصيل العنوان	
Lease Contract Number	TC - 2268	رقم عقد الإيجار	
Property Owner	Saif Ahmad Saif Suhail Juma Alzaffin Almheiri	مالك العقار	سيف أحمد سيف سهيل جمعه الزفين المهيري
Region	Um laob	المنطقة	أم الثعوب
Street	undefined	الشارع	
Telephone	0551122188	الهاتف المحمول	
P.O.Box	000051385	البريد الالكتروني	
Email	mg_20082001@yahoo.com	البريد الالكتروني	

License Members		أطراف الرخصة	
الحصة Share	الصفة Role	الجنسية Nationality	الإسم Name
0%	وكيل خدمات Service Agent	الإمارات العربية المتحدة United Arab Emirates	ناجي مال الله عبدالله جاسم الحمادي Naji Mal Alla Abdulla Jasim Alhammadi
100%	مالك Owner	الأردن Jordan	سامر كامل صابر جابر Samer K S Jaber
0%	مدير Manager	الأردن Jordan	سامر كامل صابر جابر Samer K S Jaber

This Document is Considered as Commercial Register

تعتبر هذه الرخصة بمثابة سجل تجاري

	Print Date	15/04/2019	تاريخ الطباعة
	Payment Voucher No.	PO - 7761	رقم إذن الدفع

هذه الوثيقة هي وثيقة إلكترونية لا تحتاج إلى توقيع أو ختم ويمكن التأكد من صحة بياناتها من خلال الموقع "http://ded-e.uaq.ae"

UMM AL QUWAIN CHAMBER (DUSKAL)



* 1941512453528 *



غرفة أم القيوين
Umm Al Quwain Chamber

شهادة تسجيل العضوية Membership Certificate

Membership No.	11300	11300	رقم العضوية
License No.	8051	8051	رقم الرخصة
Registration No.	8051	8051	رقم السجل التجاري
Trade Name	DUSKAL ALUMINUM WORKS	دوسكال لاعمال الالمنيوم	الإسم التجاري
Legal Status	Service Agent	وكيل خدمات	الشكل القانوني
Activity	Aluminium and Glass Installation Workshop -	- ورشة لتتركيبات الالمنيوم والزجاج	النشاط
Member Since	08-March-2015	08-March-2015	تاريخ الانساب
Date of Issue	15-April-2019	15-April-2019	تاريخ الإصدار
Expiry Date	07-March-2020	07-March-2020	تاريخ الإنتهاء

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.uaqchamber.ae/verify>



الملاحظات

تعتبر هذه الشهادة لاخية في حال اي كسظ أو تعديل عليها دون اعتماد ذلك من الغرفة

للتأكد من صحة بيانات الشهادة يرجى الرجوع إلى موقع الغرفة

<http://www.uaqchamber.ae/verify>

هاتف: 067651111، فاكس: 067655055، ص.ب: 436 - أم القيوين - الإمارات العربية المتحدة
Tel: 06 7651111, Fax: 06 7655055, P.O.Box: 436, UAQ - United Arab Emirates
E-mail: uaqcci1@eim.ae, www.uaqchamber.ae

CIVIL DEFFENCE (DUSKAL)

UNITED ARAB EMIRATES
Ministry of Interior
General Directorate of Civil Defense
Department of Civil Defense - Umm Al Quwain



دولة الإمارات العربية المتحدة
وزارة الداخلية
القيادة العامة للدفاع المدني
إدارة الدفاع المدني - أم القيوين

الرقم: 2015-5-115700

شهادة استيفاء شروط السلامة الوقائية

صدرت هذه الشهادة استناداً إلى قرار مجلس الوزراء رقم (24) لسنة 2012 م في شأن تنظيم خدمات الدفاع المدني بالدولة

الاسم التجاري للمشأة:	دوسكال لاعمال الالمنيوم	رقم الرخصة:	8051 (نجاري)	رقم الأرض:	
المالك:	سامر كامل صابر جابر	الجنسية:	الأرني		
العنوان:	الاتحاد - الصناعية الحديثة - أم القيوين	صلاحية الشهادة:	من 15/04/2019 إلى 14/04/2020	حررت بتاريخ:	15/04/2019

ملاحظات:

- تم تسديد الرسوم بإيصال رقم (190033424171).

- يجب الالتزام بإعتماد عقود الصيانة الدورية لأجهزة ومعينات السلامة والوقاية من الحريق من إحدى الشركات المعتمدة.

- أي تعديلات في أنظمة وأجهزة السلامة والوقاية من الحريق أو النشاط يتطلب موافقة مسبقة من الدفاع المدني.

- يجب ربط المبنى بنظام حصنتك لحماية المباني - رقم التواصل (800333363).

- في حال الإخلال بأي من اشتراطات السلامة الوقائية سيتم مخالفة المنشأة (نموذج المخالفات خلف الشهادة).

- توضع الشهادة في مكان بارز وواضح للعيان.

- مراجعة الدفاع المدني سنوياً للكشف على المبنى.

- يرجى الانتهاء من إجراءات التبريد خلال 60 يوم كحد أقصى و إلا سوف تتعرض المنشأة للمساءلة القانونية وفقاً لقرار مجلس الوزراء رقم 24 لسنة 2012 م.



للطوارئ
997
999
Emergency

الموقع الإلكتروني: www.moi.gov.ae

فاكس: 06 - 7672027

هاتف: 06 - 7067100

نظام الشكاوى والمقترحات: www.fms.ae

رؤيتنا أن تكون دولة الإمارات العربية المتحدة من أفضل دول العالم في تحقيق الأمن والسلامة

VAT REGISTRATION (DUSKAL)

الهيئة الاتحادية للضرائب
FEDERAL TAX AUTHORITY



شهادة تسجيل لضريبة القيمة المضافة في الامارات العربية المتحدة
Certificate of Registration for Value Added Tax in the United Arab Emirates

The Federal Tax Authority certifies that the entity below is
a registered person for Value Added Tax in the UAE

تشهد الهيئة الاتحادية للضرائب أن الجهة التالية مسجلة لضريبة القيمة
المضافة في الامارات العربية المتحدة

Full Arabic legal name	<u>دوسكال لاعمال الالمنيوم</u>	الاسم القانوني الكامل باللغة العربية
Full English legal name	<u>Duskal Aluminum Works</u>	الاسم القانوني الكامل باللغة الانجليزية
Registered address	<u>شيرة رقم 9, الاتحاد الصناعي الجديدة ام النعوب, ام القيوين, ام القيوين, الإمارات العربية المتحدة, 3990, 971567773553+</u>	العنوان المسجل
Tax Registration Number	<u>100561724400003</u>	رقم التسجيل الضريبي
Effective Registration Date	<u>01/01/2018</u>	تاريخ التسجيل الفعلي
First VAT Return Period	<u>01 Jan 2018 - 30 Apr 2018 and quarterly thereafter</u>	فترة أول إقرار لضريبة القيمة المضافة
VAT Return due date	<u>28 May 2018</u>	تاريخ استحقاق إقرار ضريبة القيمة المضافة
Start and end dates of Tax periods:	1 Feb to 30 Apr, 1 May to 31 July, 1 Aug to 31 Oct, 1 Nov to 31 Jan	بداية ونهاية الفترات الضريبية

يرجى التأكد من صحة تفاصيل الشهادة. يجب إبلاغ الهيئة الاتحادية للضرائب في حال تغيير الاسس التي حصلت فيها على رقم التسجيل الضريبي الخاص بك.

Please check that the details on this certificate are correct. You must inform the Federal Tax Authority of any change on the basis of which you obtained your Tax Registration Number.

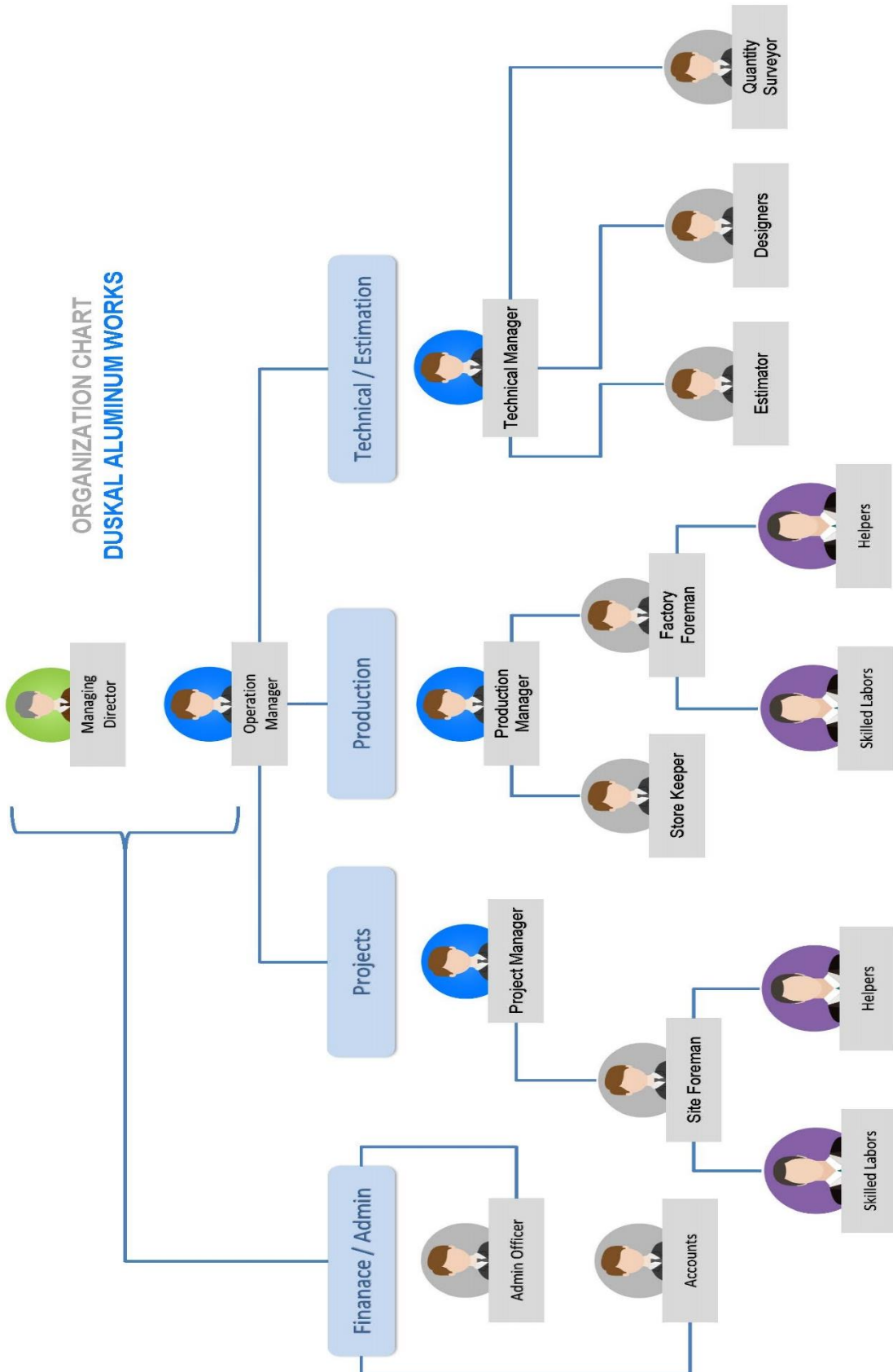


Issuing Date:

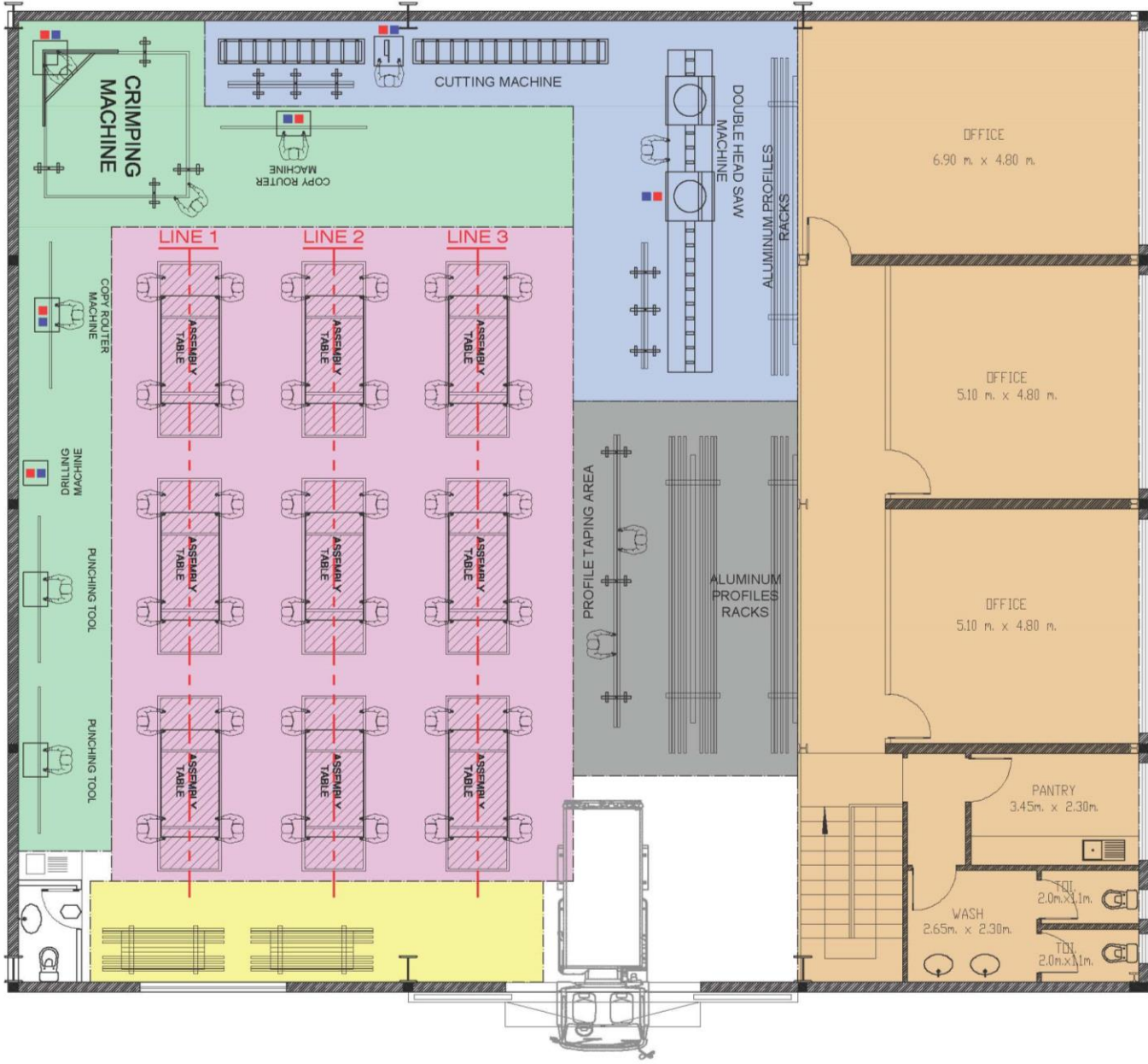
30/06/2019

تاريخ الإصدار

ORGANIZATION CHART



FACTORY LAYOUT



- CUTTING AREA
- MACHINING AREA
- ASSEMBLY AREA
- TEMP. STORAGE AREA
- READY MAT. STORAGE AREA
- OFFICES

OFFICES



OFFICES



WORKSHOP



WORKSHOP



WORKSHOP



Machineries & Equipments

CNC CUTTING MACHINE

ELECTRIC DOUBLE HEAD CUTTING OF MACHINE CLASSIC MAGIC-5 MTR

EMMEGI-ITALY

Electronic double-head cutting off machine with automatic movement of the mobile head through a C.C. motor controlled by numerical control. Pneumatic management of all angles up to 22°30' (external). 450 and 500 mm-blade. Available with a useful cut of 4, 5, 6 m in length.



MANUAL CUTTING / SHEARING MACHINE (2 NOS)

SINGLE HEAD ALUMINIUM PROFILE CUTTING MACHINE TMS 450

THOMAS-ITALY

TECHNICAL DETAILS

Three or single-phase motor: HP 4
 Blade shaft revolutions: 3000 Rpm.
 Motor transmission: direct
 Angle cutting: 0° - 45°
 Lubricant pump oil
 Carbide blade (option): 450 mm. 0
 Machine weight: kg. 250
 Machine dimensions: cm 95x115x10



JOINT CRIMPING MACHINE**AITACA****ATLA COOP-ITALY**TECHNICAL CHARACTERISTICS**Air supply:**

Nominal pressure 7 bar

Maximum pressure 10 bar

Electric supply:

Voltage 220-230 V

Frequency 50 Hz

Working data:

Maximum crimping force 3500 Kgp

Knife operating stroke 12 mm Bracing

clamp stroke 120 mm Maximum

crimping height 120 mm Horizontal

operating range 40 mm

Dimensions:

Maximum height 1150 mm

Width 880 mm

Length 750 mm.

COMPLEMENTARY MACHINES**HEAVY DUTY PNEUMATIC END MILLING****MACHINE LILLIPUT 300M****EMMEGI-ITALY**

Horizontal end milling machine with manual feed. Milling of intermediate angles, $+45^\circ$ / 90° / -45° . Quick cutter change with pneumatic control. Scratch-proof work table. Fully guarded work zone.



ROUTERS

SINGLE SPINDLE COPY ROUTER

Large cutting range despite compact design

Copy routing using side stops or templates at a ratio of 1:1 Pneumatic tracer point with two levels for 2 different cutter diameters

Our patented copy lever suspension ensures precision routing with a minimum of effort

The table height is adjustable to accommodate very high profiles of up to 400 mm (optionally, 600 mm)

The "Spindle Lock" feature makes tool changing easy Pneumatic material clamping Pulsed coolant system



AIR COMPRESSOR

DOUBLE HEAD COMPRESSOR



COMPEMENTARY MACHINES

HEAVY DUTY PHENUMATIC END MILLING MACHINE LILLIPUT 300M

EMMEGI-ITALY

Horizontal end milling machine with manual feed.
Milling of intermediate angles, +45°

/ 90° / -45°. Quick cutter change with pneumatic
control. Scratch-proof work table. Fully guarded
work zone.



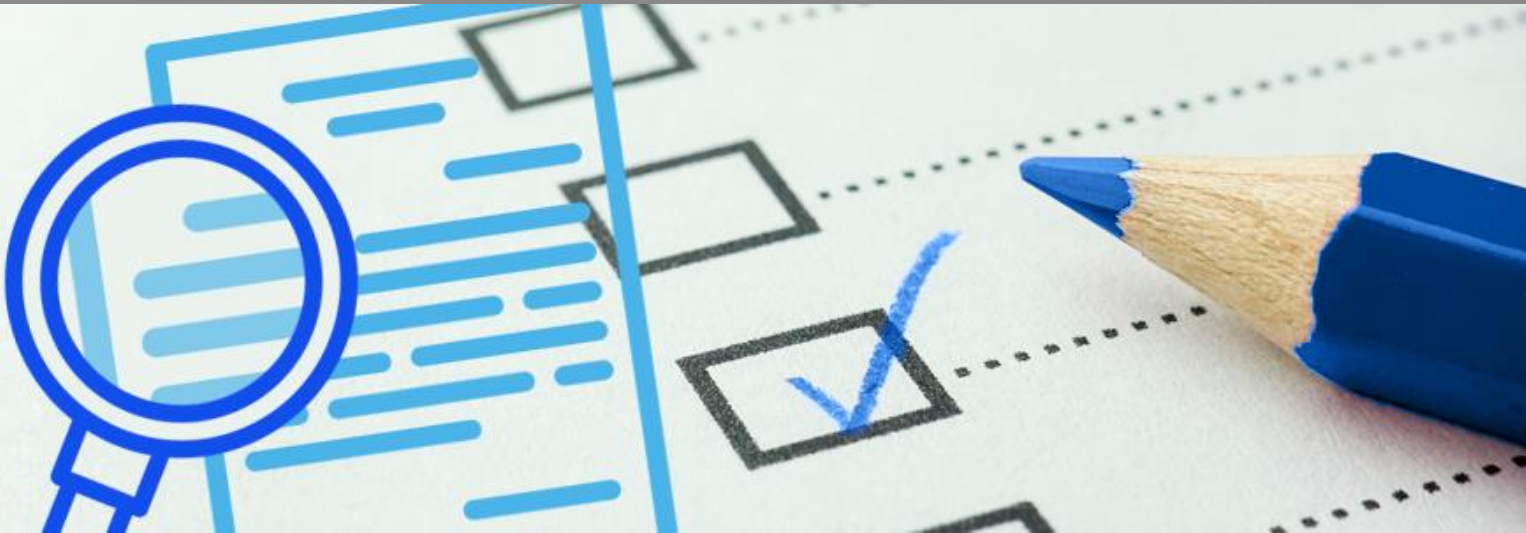
MISCELLENEOUS

STAND DRILL



ALUMINIUM AND STEEL WELDING MACHINES





QUALITY POLICY

The Company Policy of DUSKAL Aluminium Works is that the quality of all its services, workmanship and materials will conform to all contractual requirements and give the expected value to its clients.

The Quality Manual and Supporting procedures are approved by the undersigned and must be followed for all jobs. Any deviation from the quality system requires the approval and authorization of the GM.

As the reputation of the company is highly dependable on the quality of its service, it is therefore the concern of all company employees to ensure that this standard is maintained as efficiently as possible.

Quality Assurance:

Purpose:

To ensure that all quality requirements specified for products manufactured by DUSKAL Aluminium Works are in accordance with the projects drawings and specifications.

Definition:

DUSKAL Aluminium Works operate a complete quality model controlled and administrated by a qualified team to ensure the maintenance of proper and sufficient product quality levels specified which will be responsible for the direct coordination with the Main Contractor (M.C.)/Consultant to provide the following assurances:



- ✓ To assure the MC/Consultant that the design procedures will control and verify the design of the product to ensure that specifications are met.
- ✓ To assure the MC/Consultant that the products supplied and their installation procedures comply with the project's specifications.
- ✓ To assure the MC/Consultant that standards applied within DUSKAL are consistent with the International standards.
- ✓ To assure the MC/Consultant that the design procedures will control and verify the design of the product to ensure that specifications are met.
- ✓ To assure the MC/Consultant that the products supplied and their installation procedures comply with the project's specifications.
- ✓ To assure the MC/Consultant that standards applied within DUSKAL are consistent with the International standards.
- ✓ To assure the MC/Consultant that all production methods and inspection procedures are carried out in accordance with recognized standards
- ✓ To assure the MC/Consultant that all the measuring equipment in use by DUSKAL
- ✓ Aluminium Works personnel will ensure the verification of the job specifications and requirements.



Design Control:

Purpose:

To establish and maintain procedures to control and verify the design of the curtain wall and any structural elements in order to ensure that the customer specified requirements are met.

Definition:

DUSKAL Aluminium Works operate the following design control procedures to ensure the proper and efficient follow up of the process of producing the design of the curtain wall and any structural elements in accordance with the client's requirements:

- 1) Contract Review
- 2) Client Design Review
- 3) Drawing and specification control

Drawing and Specification Control:

Purpose:

To ensure all products produced are according to the project's drawings, specifications and international standards of the latest issue where applicable.

Definition:

- ✓ Project's drawings and specifications will be date stamped on arrival
- ✓ Project's drawings and specifications will be retained by the Chief Designer in the drawings office and not removed without his permission.

- ✓ In the event of a drawing or specification change, the Projects Manager will notify the Chief Designer / Production Manager. All relevant drawings, specifications and manufacturing documentation to previous issue numbers will be withdrawn.
- ✓ To assure the MC/Consultant that the design procedures will control and verify the design of the product to ensure that specifications are met.
- ✓ To assure the MC/Consultant that the products supplied and their installation procedures comply with the project's specifications.
- ✓ To assure the MC/Consultant that standards applied within DUSKAL are consistent with the International standards.
- ✓ To assure the MC/Consultant that all production methods and inspection procedures are carried out in accordance with recognized standards
- ✓ To assure the MC/Consultant that all the measuring equipment in use by DUSKAL.
- ✓ Aluminium Works personnel will ensure the verification of the job specifications and requirements.

Supplier Control:

Purpose:

To ensure that all suppliers of material and services to the finished products of DUSKAL Aluminium Works conform to the recognized standards and project's specifications

Definition:

- a) A list of approved suppliers of both material and service will be maintained by the Purchasing Officer with a record of their past performance.
- b) Factory manager will maintain records of the assessment of the suppliers, and any non-conformance will be reported, in writing, to the supplier's quality assurance representative for corrective action.
- c) Upon adding any new supplier to the supplier list, an official and recorded request is to be submitted and approved by the general manager.



Purchasing Control:

Purpose:

To ensure that all purchase orders contain sufficient information to clearly describe the material or service ordered

Definition:

- a) All orders for material or service should be placed with approved suppliers as per the approved suppliers list.
- b) The Material Controller must ensure that all orders for materials are:
 - To a stated specification.
 - Accompanied by relevant drawings and/or additional technical data where appropriate.
 - Referenced to any relevant international standard or other standards as necessary.
 - On delivery/accompanied by a certificate of conformity and/or any other relevant certification, as required.
- c) Orders for service must clearly define the type and extent of services required

Verification of Purchased Products:

In the event of DUSKAL Aluminium Works should decide to examine material or products at a subcontractors or suppliers premises, this will not relieve the subcontractor or supplier of his responsibility to supply material or products of the highest quality.

It is company policy to inspect all material and products upon receipt to verify quality of good supplied.

Purpose:

To establish a reliable and efficient system for the control of all incoming material, in accordance with recognized standards under the control of the Material Controller.

Definition:

- a) All supplies of the material are identified on arrival.
- b) The Material Controller will appropriately inspect all supplies received against the relevant purchase order.
- c) Non-conforming material will be segregated and returned to supplier for action.
- d) Material requiring urgent release to the factory for processing, prior to goods inwards inspection, must be clearly identified a not being inspected, so as to facilitate the ease of recollect should any non-conformance be found at a later time.

Process Control:**Purpose**

To ensure products are manufactured and inspected in accordance with project's specifications and recognized standards.

Definition:

- a) Fabrication Drawings will be produced, which will detail all the necessary information required to fabricate the components to customer's requirement and project specs.
- b) Inspection operations will be carried out at specific points during the production process to ensure conformance to customer's requirements.
- c) All inspection operations will be recorded and endorsed by an approved signatory where applicable.
- d) Regular auditing will be carried out on methods and systems to ensure conformance to recognized standards.

Inspection Control:**Purpose**

To ensure that all fabricated and fixed components comply with the requirements of the customer's drawings, specifications and recognized standards.

Definition:

- a) Inspection operations are carried out in accordance with the company quality policy.
- b) No departure from customer's drawings or specification shall be made unless specifically authorized by the order of the customer.
- c) Documented evidence of satisfactory control of design, manufacturing, erection and quality shall be maintained
- d) Evidence of effective quality assurance shall be maintained by regularly performance audit.



METHOD STATEMENT

Pricing:

Beginning from the Tender stage, our estimation engineers carefully review the drawings and specifications of project to ensure the proper estimations of all aspects of the aluminum and glazing offer. They carefully liaise with the customer on any potential discrepancies or non-clarities to ensure an accurate estimate is given, and eliminate the potential of future conflict during the execution, which is an advantage to both parties.

Planning/Program:

Programs for elements of the order are prepared based on the approval construction program supplied by the Main Contractor. The Production Manager in consultation with fabrication staff plans procurement, production and finishing. Program of work are prepared using MS Project software, and the production Manager reviews all the programs prior to submission. Co-ordination of the various phases of work is carried out with the Main Contractor as necessary to achieve the project objectives.

Programs will include the procurement, fabrication, assembly, and delivery and erection phases as necessary. Company staffs are always available to coordinate with the client concerning the progress of work at site and manufacturing plant.

Material and Accessories:

Once a project is awarded, the project coordinator meets with the customer to ensure that all the demands and requirements are met. Only high quality samples and accessories meeting the international standards are submitted for the approval, along with the required supplier technical data. DUSKAL always strives to ensure that the

customer is totally satisfied with the range of products available, and goes to extra step to provide additional samples for new supplier should the customer wish to do so.

Design and Drawing Preparation:

Our chief engineer carefully coordinates with the customer to ensure that all their design and architectural concepts are met and implemented into the aluminum design. The customer can choose from a wide selection of products available with DUSKAL, and in certain cases is able to make customer their own designs to promote his personal touch in the project. As necessary, calculations are also incorporated in to the drawing to confirm the structural integrity of aluminum connections to withstand the imposed forces and moments, air and water tightness and building movements.

During the aluminum shop drawing preparation any discrepancies or problems in the architectural drawings is highlighted to the customer to avoid future conflict during execution. Furthermore any potential infeasible design requirement by the customer is also highlighted, and alternatives are proposed that are feasible yet do not sacrifice the quality or design envisioned by the customer.

Preparation and submission of drawing are done in sequence with the times that are compatible with the approved program of work. All shop drawing are thoroughly checked and reviewed by designated Engineers for the project prior to submittal for approval. Only approved drawings are distributed and used for fabrication and erection at site. Qualified and well-experienced drafters using the latest CAD drafting software prepare all shop drawings. Our Structural Engineers also rely on STAAD and other supplier software for their structural analysis. If required by the contract on the completion of aluminum work erection as-built drawings are submitted to the consultant/Clients.

Procurement:

Following the approval of samples and reviews of the conditions of contract, work orders are prepared by the estimator and approved by the Production Manager. Work orders will be copied to the Production Manager and Sales Engineer. Relevantly technical information will be attached to the orders to correctly describe the specific requirements and approval given. Furthermore the program of work is always considered when placing order to ensure the timely manner of material receipt, in order not to jeopardize the project completion time.

Material Receipt:

All incoming material is carefully inspected by our Quality Engineer to ensure it is defect free and in compliance with the approved samples. Aluminum are only purchased from companies with British Standards for Aluminum Extrusion, to monitor the extrusion, alloys, tolerance, tempering and coating. Glass is also checked for compliance with BS and ASTM standards for double glazing, tempering and other heat treatment, lamination, and other aspects. All other accessories are checked using their referenced standards for conformity and approved samples.

The complaint material is carefully labeled and stored to ensure it is used for the correct project. All non-complaint material is returned to the supplier, and DUSKAL always tries to ensure that alternative sources are available so the project program is not affected, regardless of the item requirements.

Fabrications

All fabrication is carefully done to ensure the proper tolerance, finishes, assembly, performance and quality of the finished product not compromised in any phase of fabrication. The design department carefully prepared the relevant cutting list and fabrication drawings using CAD and custom made sheets to simplify the production process and ensure it is error free. Samples are regularly erected at site to ensure their compatibility with site condition.

From the taping of the material, to the cutting, machining, assembly and packaging, a foreman is always present to ensure the work is done with the required quality. The standards used for the monitoring are a combination of the different supplier recommendation and those gained through experience from years in the industry.

Several tests are performed on the finished products to ensure their proper performance and quality. This reduce the probability of defective material begin installed at site, causing problem during the snagging and handling over phase.

Release for Delivery and Shipment to Site:

Once the Quality Engineer approves the finished material, it is carefully stored until it is to be loaded to the site. The loading process is carefully done under the supervision of the Quality Engineer to ensure that it is safely transported to the site without damages occurring during the trip. Furthermore, any damages material is received by the site store are returned to the factory to ensure that's they are not installed at site leading to

the dissertation of the customer. The delivery date of the material is coordinated with the site condition, based on the input from the site engineer and the Main Contractor input. If required by the contractor, the Consultant/Client is to be notified about the delivery so he may inspect the incoming material and that it is to his compliance.

Site Storage:

DUSKAL coordinate to the main Contractor to always ensure adequate storage space is provided at site for the proper storage of incoming material. This is vital to avoid damages to store material and the sacrificing of quality. Different material is stored in different methods, based on its geometry and type. Glass panel are stored in customized A- Frames to ensure that they are stacked stress free, aluminum frames are stacked in a way to prevent inadvertent scratching of the coated surface, gaskets and silicones are stored in a clean environment to contamination, and so on.

The storage is prepared to ensure the access is only for DUSKAL personnel, so we may assume complete responsibility for the quality of the material. A storage foreman is assigned to ensure the compliance of all incoming material, and the proper distribution of the material in the site so the erection is smooth and delay free.

Erection:

Depending on the size of the project, a team consisting of project engineers and foreman is assigned to ensure the proper execution of the work to the satisfaction of the customer. The project engineer carefully studies the project and prepares the necessary resources to complete the job within the timeline of the project program.

The project engineer is introduced the Main Contractor and the customer and commences the necessary coordination works. Items of importance are erection sequence of different Subcontractors, setting out, agreed tolerance, grid reference and level, and another aspect of erection. All the approved drawing are given to the project engineer with clear marking for the installation locations in terms of the plan, rids and benchmarks. Any potential problem in the sequence of work is highlighted to the Main Contractor at an early stage to avoid future clash and time loss.

The erection process is done in accordance with the accepted industry standards. These are combination of the various supplier recommendations, experience, and technical know- how. The suppliers are often called to the site to inspect and confirm the fixing is done as per their equipment's. This is especially true to anchoring system, such as bolts,

A blue chain graphic consisting of several interlocking links, positioned diagonally across the upper right portion of the page. The links are rendered with a metallic sheen and perspective.

METHOD STATEMENT

chemical anchors, cast-in channels, and other systems. Furthermore, silicon and gasket suppliers are also called to ensure the proper application of their products, as to avoid any faults due to fabrications. A team of experienced foreman is in charge of the monitor of the quality and progress of work. They will highlight and problem to the Project Engineer who will take all necessary action to ensure that the progress is not jeopardized. The Main Contractor is always kept the informed of development and problems at site.

Weekly program updates are prepared by the project engineer to monitor the speed of work, and ensure that it is in line with the project program. Any adjustment in term of manpower or equipment is made to ensure the end date is met. Furthermore, correspondence is maintained with the Main contractor to highlight problem in access, site clearances and other.

Finally the project engineer will routinely offer various area for the inspection of the Consultant, as per the project requirements, to ensure that the wok us being done in a satisfactory manner, and that no rejection well be made later on that may delay the projects. All the snags and comments are rectified to ensure the handling over process is smooth and satisfactory to all concerned parties.



RISK ASSESSMENT

RISK ASSESSMENT

Table of contents

1. Purpose
2. Scope
3. Terms & Abbreviations Used
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5. Materials
6. Health & Safety
 - 6.1. Working Hours
 - 6.2. Site Access and Egress
 - 6.3. Personal Protective Equipment
7. Environmental Aspects
 - 7.1. Housekeeping
8. Work Methodology
9. Quality Assurance
10. Records
11. Appendices
 - 11.1. Site Inspection Test Plan
 - 11.2. Site Inspection Check List
 - 11.3. Risk Assessment



1. Purpose

This procedure has been formulated to cover safe systems of work for the installation of Aluminum Doors & Windows. This instruction will be used to reduce risks to workers health and the health and safety of others working on the site. This procedure encompasses systems of work involving access and egress, installation sequence, inspection, tools and equipment, removal of rubbish, storage of materials, personal protective equipment with associated risk assessment for the whole job.

2. Scope

To include the supply and installation for Aluminium Doors & Windows as defined in the contract documents.

3. Terms & Abbreviations Used

- 3.1. IMS - Integrated Management System
- 3.2. DW - Doors & Windows
- 3.3. MC - Main Contractor
- 3.4. SE - Site Engineer
- 3.5. PM - Project Manager
- 3.6. RFI - Request For Information
- 3.7. SITP - Site Inspection and Test Plan

4. Plant and Equipment

No.	Description	Qty.
01	Scaffolding	To be supplied by MC

5. Materials

No.	Description	Source
01	Door & Window Profiles	
02	Glazing	
03	Accessories	
04	Silicone	

6. Health & Safety

6.1. Working Hours

- 6.1.1. All works shall be carried out in compliance to the federal & local laws.
- 6.1.2. Under normal working conditions, the timings shall be 0700 hrs to 1700 hrs including an hour for lunch break.
- 6.1.3. During summer, the work timings shall be changed to suit the summer regulations & MC work timings.

6.2. Site Access and Egress

- 6.2.1. MC to provide proper site access to offload the material to the nearest point of final use.
- 6.2.2. Special requirement for off-loading especially tower crane, heavy forklift etc shall be previously communicated to MC
- 6.2.3. Materials shall be off-loaded from vehicles and shall be shifted manually, to the designated lay down area
- 6.2.4. Access to the work-face shall be by means of scaffolding, provided by the MC

6.3. Personal Protective Equipment

- 6.3.1. All workers shall be wearing appropriate PPE as per tasks performed
- 6.3.2. The required PPEs for the specific task is mentioned in the attached risk assessment form, Refer Section 11.2
- 6.3.3. All PPEs shall comply with relevant international standards

7. Environmental Aspects

Environmental requirements are embodied in the MC site specific environmental plan. The environmental plan should cover any contractual requirements

7.1. Housekeeping

PM shall ensure that scrap materials, used consumables & other garbage's are cleaned off the site. The cleaning should be done at an acceptable frequency.

Care should be taken to segregate materials as per recyclable or non-recyclable. All recyclable metal items shall be sent back to factory from where it shall be disposed-off through proper disposable mechanism.

Other generated waste shall be disposed-off in the designated waste collection areas provided by the MC.

8. Work Methodology

No.	Description of Activities	Responsible	Specification / Drawing
	Incoming Material Handling & Storage		
01	Units off loaded from truck and stored in designated storage area. Units protected to avoid damage to the glass or aluminum. Units directly taken to work area if area ready for installation	PM/SE	NA
02	Material to be inspected on arrival by SE. Materials rejected on incoming inspection shall be returned to factory for immediate rectification	SE	As per Approved Shop Drawings / SITP
	Installation Sequence		
01	Installation shall commence post handing over of area by MC. MC shall assure that area handed over is complete in all respect, for instance other trade works such as plastering, waterproofing or MEP works have been completed.	MC	As per Approved Shop Drawing
02	Site Survey & measurement is carried out prior to the fixation of DW outer frame. Control lines, bench marks should be coordinated and agreed with MC	PM/SE	As per Approved Shop Drawing & SITP
03	Any variation in the design of system if found from the approved shop drawing, then PM shall raise an RFI to the MC & seek advice on the matter to proceed.	PM	As per Approved Shop Drawing
04	Structure opening to receive door/louver/window, verified against the frame. Grids are verified, prior to installation of frames.	PM/SE	As per Approved Shop Drawings
05	Shutter (inner frame) to be disengaged from the outer frame (if the units are together)	PM/SE	As per Approved Shop Drawings
06	Frame unit is installed into the opening as per fixing methods shown in the approved shop drawings.	PM/SE	As per Approved Shop Drawings & SITP
07	Frames aligned prior to final fixing. Polyethylene backer rod inserted into joint cavity and pushed back to achieve required sealant depth. Sealant is injected into cavity along the perimeter and tooled off.	PM/SE	As per Approved Shop Drawings & SITP
08	Fix the Shutter into the frame & align properly. Uniform gap between frame and shutter maintained around the perimeter.	PM/SE	As per Approved Shop Drawings & SITP
09	For doors, threshold profile fixed. Adequate contact with bottom brush / gasket verified. Windows/Doors installed, checked for proper functioning	PM/SE	As per Approved Shop Drawings & SITP
	Final Inspection & Handover:		
01	Once the Sealant is applied, Request for Inspection shall be forwarded to the consultant engineers through MC's office. Upon approval, material will be handed over to the client	PM/SE	As per Approved Shop Drawings & Doors/Windows Installation Inspection

9. Quality Assurance

DUSKAL Aluminium Works L.L.C. shall ensure that all contractual requirements of the project are met right from the material supplied to the installed products. PM/SE assigned for the project shall inspect & ensure the highest level of quality standard is maintained.

Site inspection shall be carried as per the attached Site Inspection Test Plan (SITP) Refer Section 11.1

10. Records

Records to be retained	Responsibility	Minimum Retention Period	Disposition
Request for Inspection	SE	End of Project + 2 year	Archive
Site Inspection Checklist	SE	End of Project	Archive

11. Appendices

- 11.1. Site Inspection & Test Plan
- 11.2. Factory Inspection & Test Plan
- 11.3. Site Inspection Check List
- 11.4. Risk Assessment

Site Inspection & Test Plan (SITP)

Activity: Doors & Windows Installation

Main Activity	Check Points	Acceptance Criteria	Reference Standard	Inspection Record
Doors & Windows Installation	1. Check Door/Window Size	Dimensioned as per approved shop drawings / structural openings Diagonal deviation 2mm from the specified	Approved Shop Drawings / On site conditions	DSK-CKL-ST-01
	2. Check Material	Color to be as specified No visible damage to the material	Approved Shop drawings	DSK-CKL-ST-01
	3. Check Miter joints	Hair line joints Clean joints	System Fabrication Manual	DSK-CKL-ST-01
	4. Check frame / assembly	To be aligned Even gap between frame and shutters (± 1 mm from the specified) in the approved drawing	System Fabrication Manual	DSK-CKL-ST-01
	5. Check doors / windows accessories 1. Handle 2. Lock 3. Hinges 4. Floor Spring 5. Door Closer 6. Tower Bolt 7. Cylinder	As per ironmongery schedule or approved shop drawing Proper and smooth functioning	Approved shop drawings	DSK-CKL-ST-01
	6. Check glass	No scratch / pin holes / bubbles and other blemishes when viewed from a distance of 3 meters Glass as per International Standards.	Approved Shop Drawings	DSK-CKL-ST-01
	7. Others	As per the approved details	Approved Shop Drawings	DSK-CKL-ST-01

Factory Inspection & Test Plan (FITP)

Activity: Doors, Windows & Curtain Wall Fabrication

Main Activity	Check Points	Acceptance Criteria	Responsibility	Test Result
				Pass / on Hold / Rejected
Doors, Windows & Curtain Wall Fabrication	1. Check Door/Window Size	<ul style="list-style-type: none"> Dimensioned as per approved shop drawings / structural openings. Diagonal deviation 2mm from the specified 	Technical Engineer	<u>Sticker:</u> Green – Pass Red – Rejected
	2. Machining, Cutting. Notching, Punching, Drilling & Slotting.	<ul style="list-style-type: none"> Approved shop drawings & System Fabrication Manual 	Production Supervisor	<u>Sticker:</u> Green – Pass Red - Rejected
	3. Check Miter joints	<ul style="list-style-type: none"> Hair line joints Clean joints 	Production Foreman	<u>Sticker:</u> Green – Pass Red - Rejected
	4. Check frame / assembly	<ul style="list-style-type: none"> To be aligned Even gap between frame and shutters (± 1 mm from the specified) in the approved drawing 	Production Foreman	<u>Sticker:</u> Green – Pass Red - Rejected
	5. Check doors / windows accessories 1. Handle 2. Lock 3. Hinges 4. Floor Spring 5. Door Closer 6. Tower Bolt 7. Cylinder	<ul style="list-style-type: none"> As per ironmongery schedule or approved shop drawing Proper and smooth functioning 	Production Foreman	<u>Sticker:</u> Green – Pass Red - Rejected
	6. Check glass	<ul style="list-style-type: none"> No scratch / pin holes / bubbles and other blemishes when viewed from a distance of 3 meters Glass as per Project Specifications. 	Production Foreman	<u>Sticker:</u> Green – Pass Red - Rejected
	7. Final Inspection	<ul style="list-style-type: none"> As per Approved Details 	QC Inspector	<u>Sticker:</u> Green – Pass Red - Rejected


Site Inspection Check List (SICKL)

Activity: Doors, Windows & Curtain Wall Installation Check List

Project				Project No.			
Activity		Doors & Windows Installation		Location		UAE	
Item							
	Check Points	Acceptance Criteria	Inspection Findings	Rectification Comments/ Corrective Action	Verified by SE	Verified by PM	Date
1.	Check Door / Window Size	<ul style="list-style-type: none"> Dimensioned as per approved shops Drawings / structural openings Diagonal deviation \leq 2m from the specified Item. 					
2.	Check Material	<ul style="list-style-type: none"> Color to be as specified Novisible damage to the material 					
3.	Check Miter joints	<ul style="list-style-type: none"> Hair Line joints Clean joints 					
4.	Check Frame / assembly	<ul style="list-style-type: none"> To be aligned Even gap between frame and shutters (\pm 1mm from the specified) in the approved drawings. 					
5.	Check doors / windows accessories 1. Handle 2. Lock 3. Hinges 4. Floor Spring 5. Door Closer 6. Tower Bolt 7. Cylinder	<ul style="list-style-type: none"> As per ironmongery schedule or approved shop drawing Proper and smooth functioning 					
6.	Check Glass	<ul style="list-style-type: none"> No scratch I pin holes I bubbles and other blemishes when viewed from a distance of 3 meters Glass as per project specification. 					
7.	Others	<ul style="list-style-type: none"> As per Approved Details 					
Comments:							

Risk Assessment Form

Activity: Doors, Windows & Curtain Wall Installation

 RISK ASSESSMENT FORM																											
Site	INSTALLATION OF ALUMINIUM DOORS & WINDOWS					Reference Number	Date	XX.XX.XXXX																			
Task						DSK/RAF/01	Rev	00																			
Prepared By:	Name:	Designation:	Hazard Effect (Risk)	Evaluation before	Persons at risk (Place X in box)	Approved By:																					
Description of Task	Hazard					Actions Required to reduce or control risks																					
Scope of works	- Inadequate safety planning - Lack of site knowledge - Lack of Control	Medium	- Injury to self and/or others, Damage to Property	Medium	<table border="1"> <tr> <td>Employees</td> <td>X</td> </tr> <tr> <td>Contractor</td> <td>X</td> </tr> </table>	Employees	X	Contractor	X	<p>Site Safety plan produced by MC site management. Adherence to site traffic rules. Banks man present while reversing vehicles. Lifting gears / lifting equipments inspected and certified by competent & approved third party prior to use and visually inspected, daily, before use. Manual handling assessments carried out. All operatives shall undergo site safety induction by MC. Access routes and loading points planned. Ensure level and water proof area for storage (Provided by MC). Appropriate PPE worn at all times. All materials adequately secured. Tools accompanied by lanyards and wrapped around wrists. Loose materials carried in containers. While working at slab edges, harness worn and "clipped on" to adequate anchorage points. Scaffold-safe working on scaffolds wear and "Clip On" full body harness at all times. Exclusion zone created below works and monitored. Appropriate PPE used at all times.</p>				<table border="1"> <tr> <td>Helmet</td> <td>X</td> </tr> <tr> <td>Shoes / Boots</td> <td>X</td> </tr> <tr> <td>Vest</td> <td></td> </tr> <tr> <td>Safety Harness</td> <td>X</td> </tr> <tr> <td>Gloves</td> <td>X</td> </tr> <tr> <td>Others</td> <td></td> </tr> </table>	Helmet	X	Shoes / Boots	X	Vest		Safety Harness	X	Gloves	X	Others		Low
Employees	X																										
Contractor	X																										
Helmet	X																										
Shoes / Boots	X																										
Vest																											
Safety Harness	X																										
Gloves	X																										
Others																											
Delivery of materials to site, offloading and storage	- Collision with vehicles / structure or personnel. Failure of lifting equipment/ lifting gears. Manual Handling.	Medium	- Injury to self and/or others, Damage to Property	Medium	<table border="1"> <tr> <td>The public</td> <td>X</td> </tr> <tr> <td>Others (List)</td> <td></td> </tr> </table>	The public	X	Others (List)						Low													
The public	X																										
Others (List)																											
Surveying the project for measurements . Alignment & installation of frames	Dropping tools / equipments from heights. Personnel falling from heights	High	Injury to self and/or others, Damage to Property	High						Medium																	

LIST OF PROJECTS

DUSKAL LIST OF PROJECTS						
Sr. No.	Project Name	Client	M.Contractors	Location	Value	Year
1	(G+13) Residential Building	Mr.Nasser Altallah	Adnan Contracting LLC	Al Furjan, Dubai	AED 4,700,000	2017
2	(G+4) Residential Building	Mr. Mohammed Dawood	MD Contracting	Ajman, UAE	AED 240,000	2017
3	(2B+G+P+15+R) Murano Residence 3	Sabrine Limited	Adnan Contracting LLC	Al Furjan, Dubai	AED 2,800,000	2018
4	(G+1) Attached Villas - 20 Nos.	Al Ghurair Investments	Ali Bin Salim Cont.	Al Barsha, Dubai	AED 900,000	2018
5	Five Hotel@ Jumeirah Village Circle	Five Development	China States Construction	JVC, Dubai	AED 280,000	2018
6	(G+5) Residential & Commercial Building	Mr.Ahmed Omar	AOH Contracting	Ajman, UAE	AED 230,000	2018
7	(G+5) Residential & Commercial Building	Mohammed Oawood	MD Contracting	Ajman, UAE	AED 240,000	2018
8	(2B+G+6+PH) Al Sharq Building	H.E.Juma AliJuma	Pioneer EngineeringCont.	Muscat, Oman	AED 980,000	2019
9	(G+2) Labor Accommodation	Fresh Fruits Co. LLC	Grand Galaxy Cont.	Ras AlKhor, Dubai	AED 750,000	2019
10	(G+1) & (G+2) Townhouses	Sabrine limited	Abdullah Bin Dasmal Cont.	Al Furjan, Dubai	AED 2,400,000	2019
11	The Legoland Hotel	OubaiParks & Resorts	Delta Al Emarate Contracting LLC	Dubai, UAE	AED 1,200,000	2019
12	(G+3) Scientific Research Primary School	The School of Research Science	Delta Al Emarate Contracting LLC	Alwarqa'a, Dubai	AED 2,500,000	2019
13	(G+4) Residential Building	Mohammed Dawood	MD Contracting	Wadi AlSafa, Dubai	AED 465,000	2019

EXECUTED PROJECTS

SHOWROOM G+1

Location: Industrial 2 -SHARJAH – UAE

Scope: ACP Cladding, Curtain Walls & Frameless Shops.



SHOWROOMS G+1

Location: Industrial 12 - SHARJAH – UAE

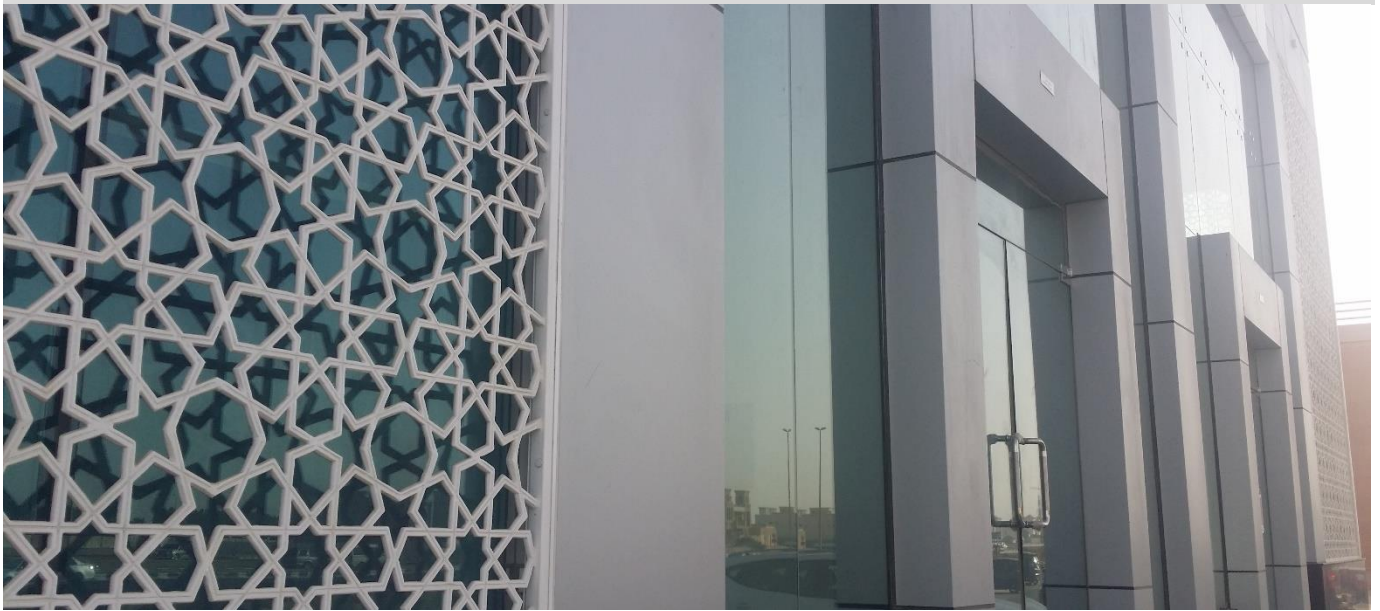
Scope: ACP Cladding, Point fixed Glass Facades for Shops with Frameless Doors & Stainless steel Glazed stair balustrades.



SHOWROOMS G+1

Location: Industrial 12 - SHARJAH – UAE

Scope: ACP Cladding, Point fixed Glass Facades for Shops with Frameless Doors & Stainless steel Glazed stair balustrades.



SHOWROOM G

Location: Sajaa - SHARJAH – UAE

Scope: Aluminum Glazed Curtain Wall, Swing Doors, Louver Doors and Windows.



RESIDENTIAL BUILDING G+6

Location: Mweileh -SHARJAH – UAE

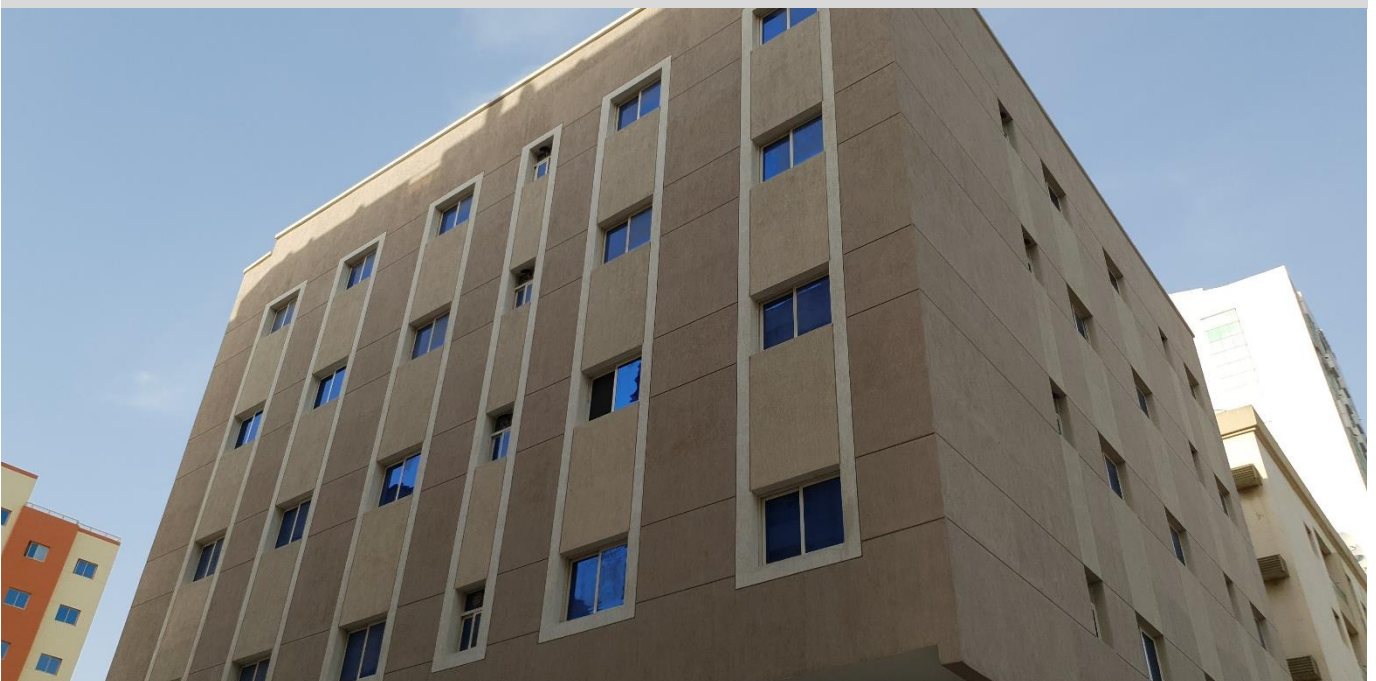
Scope: Aluminum Glazed Curtain Wall, Doors and Windows, Glass Balustrades and shop fronts.



RESIDENTIAL BUILDING G+4

Location: Nuaimiya 1 - AJMAN – UAE

Scope: Aluminum Doors and windows with Shop Fronts.



G+5 COMMERCIAL AND RESIDENTIAL BLDG

Location: HUMAIDEYA-1 - AJMAN - UAE

Scope: Aluminum Doors, Windows, Curtain Wall And Shop Fronts.



G+5 COMMERCIAL AND RESIDENTIAL BLDG

Location: NUAIMEYA -1 - AJMAN - UAE

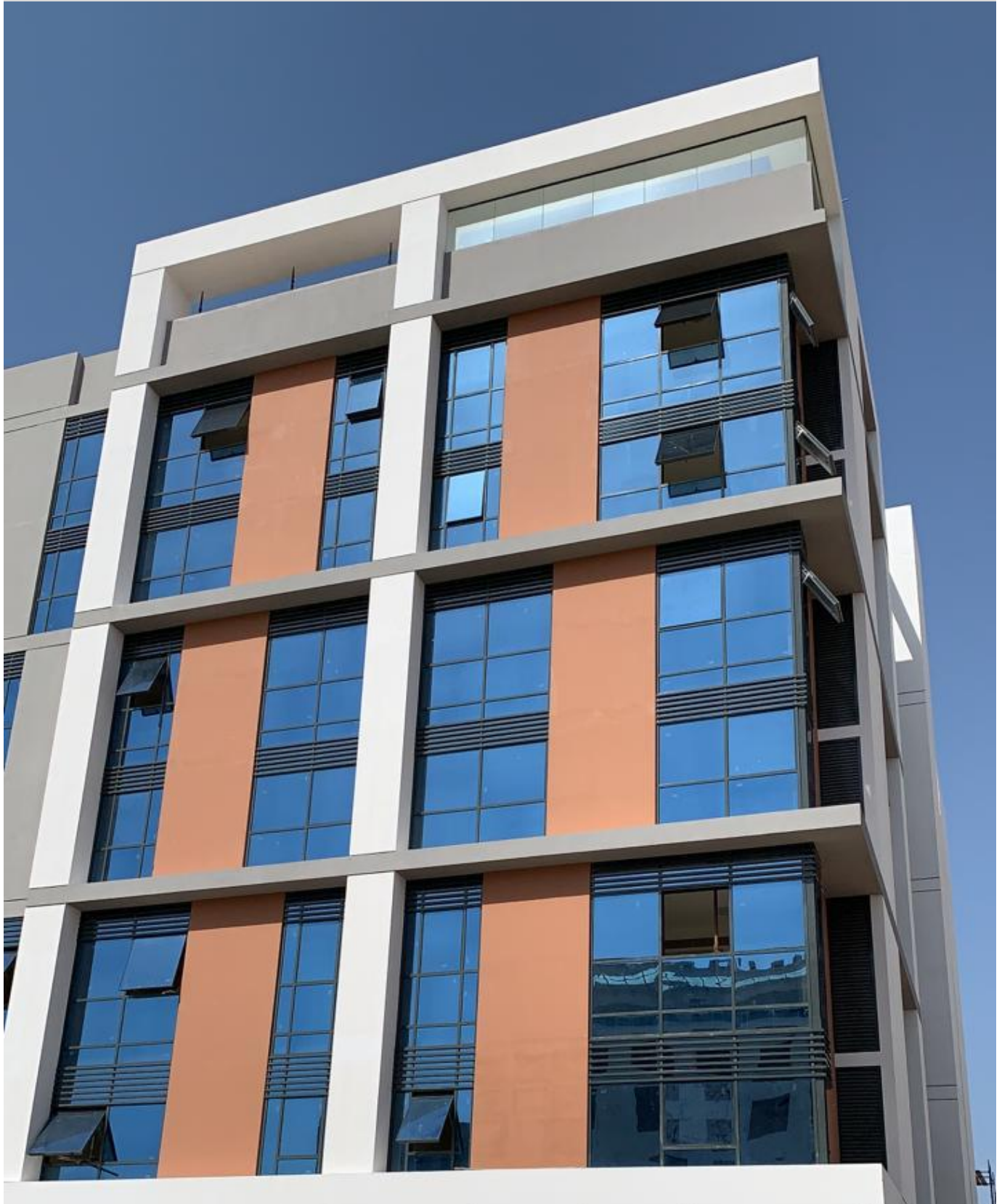
Scope: Aluminum Doors, Windows, Curtain Wall, Glass Balustrade And Shop Fronts.



COMMERCIAL & RESIDENTIAL BUILDING 2B+G+6+PENT.

Location: AL AZAIBA - MUSCAT - OMAN

Scope: Aluminum Curtain Walls, Doors and Windows.



PROPOSED G + 1 ATTACHED VILLAS (20 NOS.)

Location: AL BARSHA - DUBAI - UAE

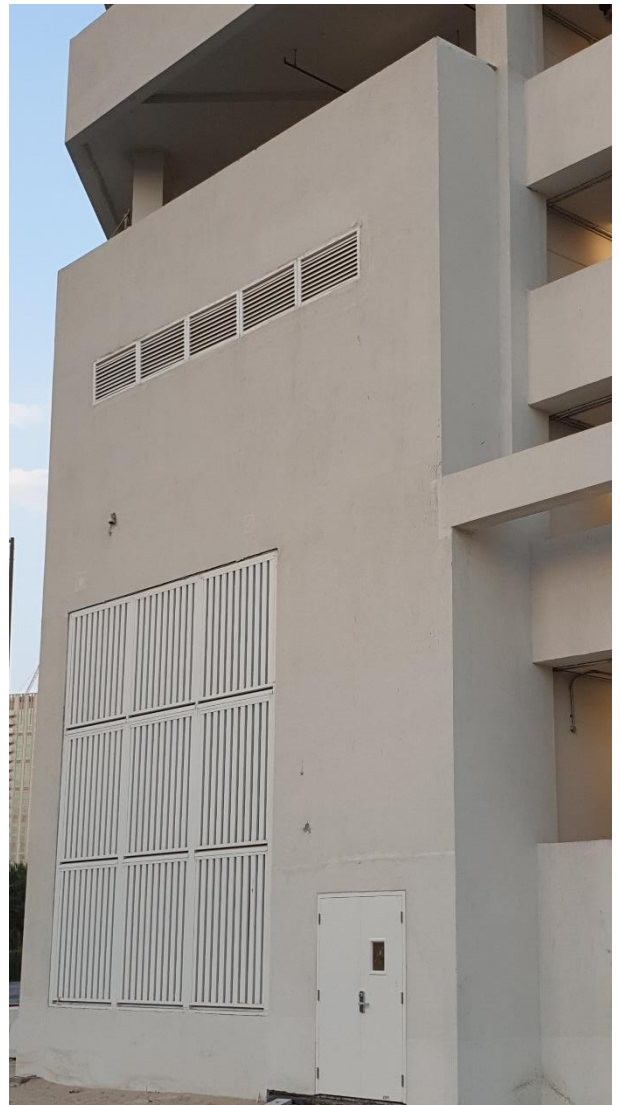
Scope: Aluminum Doors, Windows & Pergolas.



FIVE JUMEIRAH VILLAGE DUBAI

Location: JUMEIRA VILLAGE CIRCLE - DUBAI - UAE

Scope: Aluminum Exhaust and Sand Trap Louvers.



REST BLOCK G + 2

Location: RAS EL KHOR - DUBAI - UAE

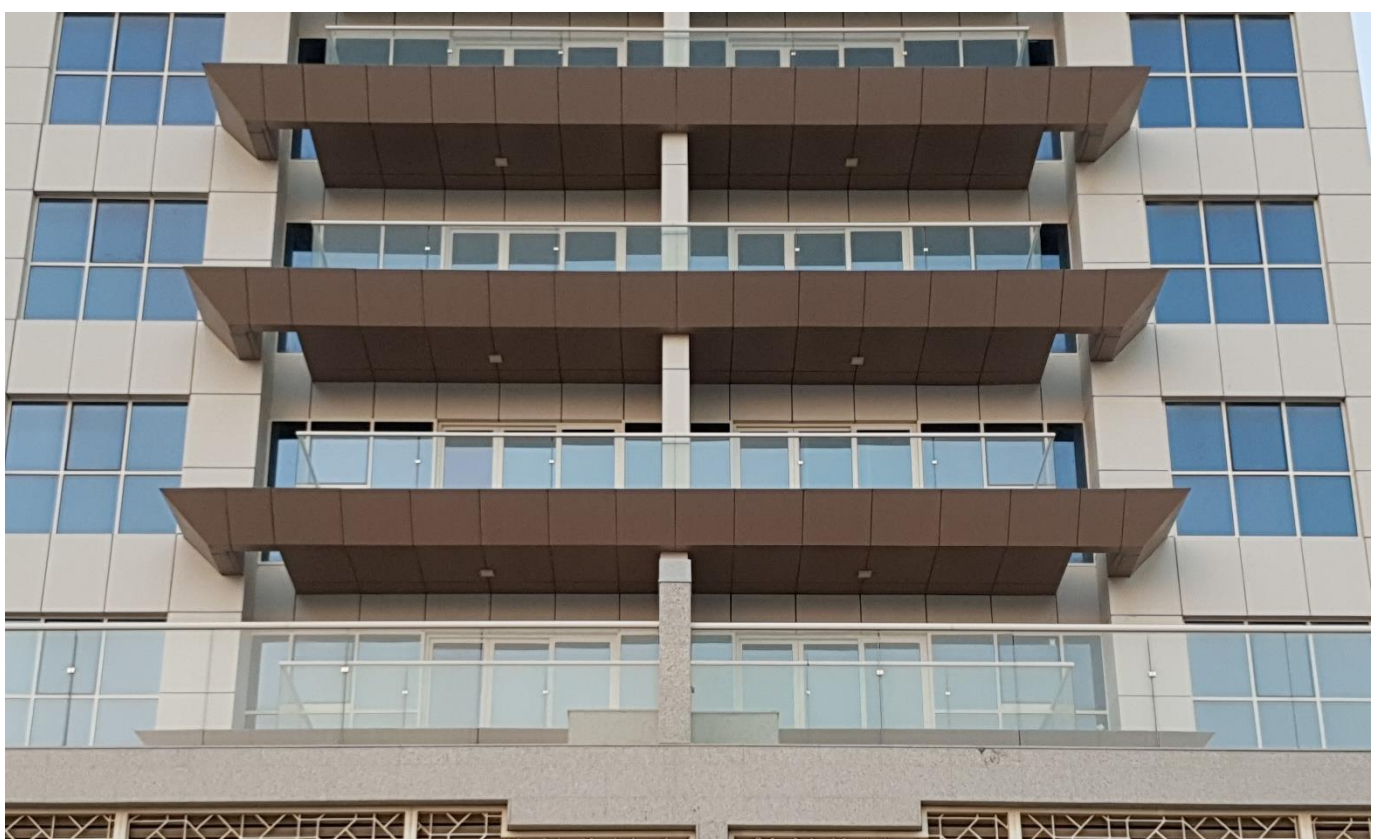
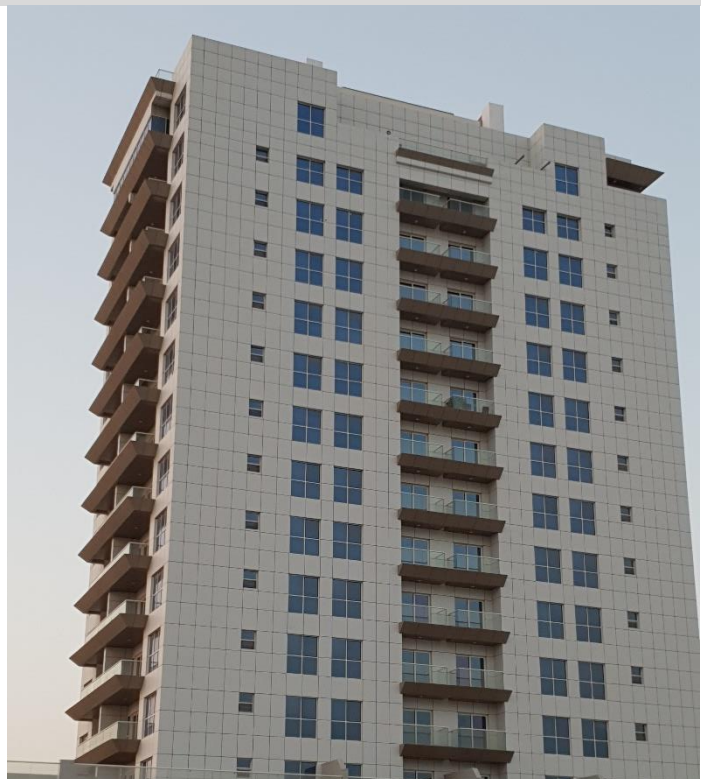
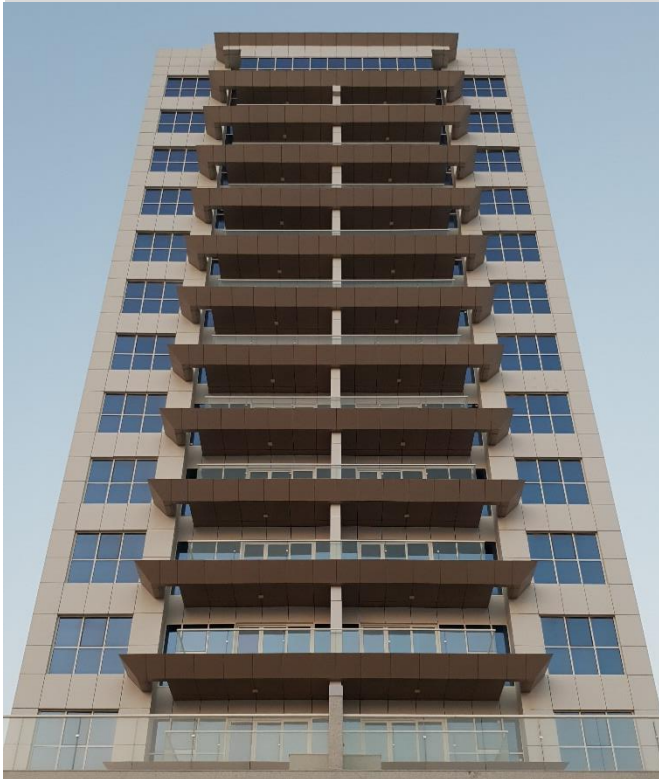
Scope: Aluminum Doors, Windows, Curtain Wall, Stair Railing, Folding Doors and Curved Automatic Sliding Door.



Residential Building G+13

Location: Al Furjan - DUBAI – UAE

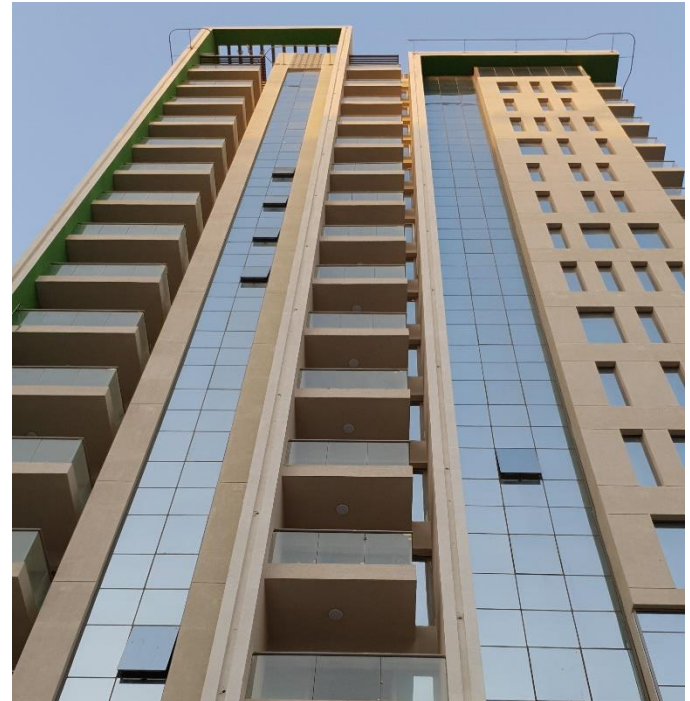
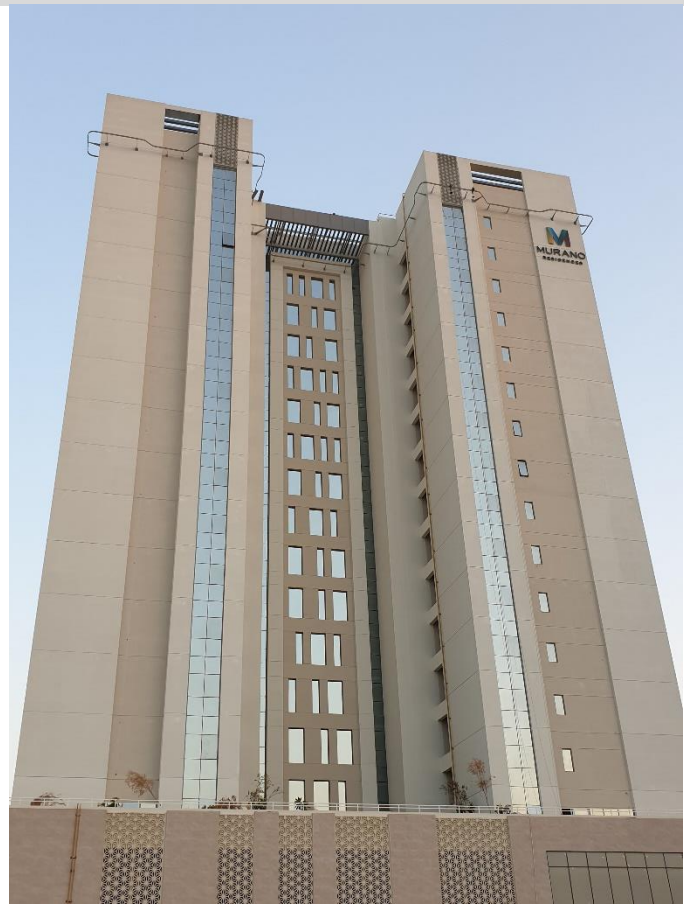
Scope: Aluminum Doors, windows, curtain walls Cladding, Glass Balustrade, Aluminum Kitchens and Stair Rails.



3B+G+P+15 RESIDENTIAL. BLDG.

Location: JABAL ALI FIRST - DUBAI - UAE

Scope: Aluminum Doors, Windows, Curtain Wall, Stair Railing, Balcony Railing, Canopy, Pergolas & Louvers



ON GOING PROJECTS

G+1 (TYPE A) TOWN HOUSES & G+2 TOWN HOUSES

Location: AL BARSHA SOUTH FIFTH - DUBAI - UAE

Scope: Aluminum Doors, Windows, Curtain Wall, Balcony Railing, Canopy & Louvers.



SCIENTIFIC RESEARCH PRIMARY SCHOOL (G+3)

Location: AL WARQA'A - DUBAI - UAE

Scope: Aluminum Curtain Wall, Aluminum Pergola, Glass Balustrade, Aluminum Louvers, Aluminum Decorative Screen, Aluminum Handrail, Aluminum Boundary Wall Fencing.



LEGOLAND HOTEL

Location: DUBAI PARKS & RESORTS - DUBAI - UAE

Scope: Aluminum Doors, Windows, Curtain Wall, Glass Partitions & Louvers



B+G+4+ROOF RESIDENTIAL BUILDING

Location: WADI AL SAFA - DUBAI - UAE

Scope: ALUMINUM DOORS, WINDOWS, CURTAIN WALL, BALCONY RAILING, STAIRCASE HANDRAIL, SHOWER GLASSES, TRELLIS, LOUVERS AND SKYLIGHT.





RTA TAXI WORKSHOP BUILDING





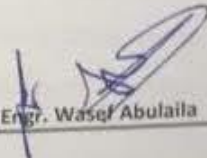

Location: MUHAISNAH FOURTH DUBAI - UAE




Scope: ACP, Aluminum Doors, Windows, Curtain Wall, Glass Partitions, Skylight & Louvers



APPROVALS

			
SUBCONTRACTOR APPROVAL SUBMITTAL			
NO. <u>SC/6/19</u>	DATE: <u>22/8/2019</u>		
Project Name: G+4 Residential Building on Plot 6439756, Wadi Elsafa2, Dubai DB-P-0507-85			
Engineer: ARTEC - Architectural & Engineering Consultants			
To: The Engineer	From: Mohammed Dawoud Contracting LLC		
Submittal Status: <input checked="" type="checkbox"/> 1 st Submittal <input type="checkbox"/> Re-Submittal (Specify Rev.....)			
Sub Contractor: <u>M/S DUSKAL ALUMINUM WORKS</u>	Address: <u>DUSKAL ALUMINUM WORKS</u> <u>P.O. BOX 51385</u>		
Representative:			
DETAILS OF WORK TO BE SUBCONTRACTED			
1. Description: <u>PR Documents for Aluminium & Glazing works approval</u>			
The following documents are held by the Main Contractor relating to the Subcontractor			
1. Securities/ Bank Guarantee	Yes <input type="checkbox"/> No <input type="checkbox"/>		
2. Subcontractor Insurances	Yes <input type="checkbox"/> No <input type="checkbox"/>		
This is for review and approval			
Contractor's Rep: <u>Eng. Shab Habi</u>	Signature: <u>[Signature]</u> Date: <u>22/8/2019</u>		
ENGINEER'S COMMENTS			
<p>- No objections for M/S Duskal Aluminium Works to carry out installation of Aluminium works at site.</p> <p>- Submit details of Aluminium sections and glass for our review and approval</p> <p>- Submit Shopdrawings for our review & approval.</p>			
Checked By: <u>Asthal</u>	Signature: <u>[Signature]</u> Date: _____		
Engineer's Rep/ Assistant: _____	Signature: _____ Date: <u>25/08/2019</u>		
The aforementioned material has been:			
<input type="checkbox"/> A	<input checked="" type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
Approved as Submitted	Approved as Noted Incorporate & Proceed	Revise & Re-Submit before work proceeds	Rejected
* It is to the Engineer's discretion to ask for certain tests to be carried out on the material by an independent laboratory at cost to the Contractor's.			
Received by Contractor (Please sign below, Retain Original & Return Copy):			
Name: _____	Signature: _____		
<div style="border: 2px solid blue; padding: 5px; display: inline-block;"> ARTEC RECEIVED Date: 25 AUG 2019 By: _____ FWO/IO </div>			
* The CONTRACTOR shall not proceed with the relevant WORKS if any cost or time implication is involved, UNLESS relevant notification pursuant to Clause 13 of the conditions of contract is submitted by the Contractor followed by WRITTEN instruction			

CLIENT  ENTERTAINMENTS <small>DESIGN WITHOUT BOUNDARIES</small>	Project  LEGOLAND DUBAI RESORT	CONSULTANT  dec DYNAMIC <small>ENGINEERING CONSULTANTS</small>	CONTRACTOR  DELTA AL EMARATE
PREQUALIFICATION DOCUMENT SUBMITTAL (PQD) C			
Development		Dubai Parks & Resort	
Project		LEGOLAND HOTEL DUBAI	
Consultant		DEC Dynamic Engineering Consultants	
Contractor		Delta Al Emarate Building Contracting LLC	
SUBMITTAL REF:		REV.	DATE
DP03-DLT-C00472-CIV-PQD-0102		01	05-08-2019
			DISCIPLINE CIVIL
ITEM NO.	DESCRIPTION		
1	Prequalification Document Submittal from M/s. DUSKAL for Aluminium and Glass 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): Engr. Wasef Abulaila DXBE Comments:		 	Date: 05-08-2019
Name:		Signature:	
DEC Comments:		Date:	
Name:		Signature:	
DEC Resident Engineer:		Date:	
See attached comment sheet			
Name:		Signature:	
Approval Status Code:		Date: 8/6/19	
<input type="checkbox"/> A - Approved - Work may proceed <input checked="" type="checkbox"/> B - Approved with Comments - Work may proceed, subject to incorporation of comments <input type="checkbox"/> C - Rejected (Resubmission not required), Revise & Resubmit (Work may not proceed)			
Any Approval, Check, certificate, Consent, Examination, Inspection, Instruction, Notice, Proposal, Request, Test, or Similar act by the Consultant (including absence of disapproval) shall not relieve the Contractor from any responsibility he has under the contract, in responsibility for errors, omissions, discrepancies and non-compliances.			

PROJECT NAME: Scientific Research Primary School - Full Package (G+3)	EMPLOYER: THE SCHOOL OF RESEARCH SCIENCE	SCA NO.
PROJECT NO.: D17136-0200S		CIV-SCA-191
ENGINEER: 	CONTRACTOR: Delta Al Emarate Building Contracting LLC	DATE
		22-Aug-19

SUB-CONTRACTOR'S APPROVAL

1. SUB-CONTRACTOR'S PARTICULARS

Company Name: **DUSKAL ALUMINIUM WORKS**

Company Line or Works: ALUMINIUM & GLAZING WORKS

Address: Umm Al Quwain, UAE

The following prequalifying documents should be enclosed:

<input checked="" type="checkbox"/> Commercial Register	<input type="checkbox"/>	<input checked="" type="checkbox"/> Summary of Experience	<input type="checkbox"/> Financial Status
<input checked="" type="checkbox"/> Present Works	<input type="checkbox"/>	<input checked="" type="checkbox"/> Company Equipment	<input checked="" type="checkbox"/> Other Supporting Documents

مستقبلية المعمارية والهندسية والعمارة
SUSTAINABLE ARCHITECTURAL & ENGINEERING

24 AUG 2019

Em

RECEIVED

2. SUB-CONTRACTED WORKS


Section of the Works: **Subcontractor for Pergola Works (School)**

BOQ Items: _____

Total Value of Sub-Contract (in Contract Rates): _____

Commulative Value of Sub-Contracted Works to-date (in Contract Rates): _____


Submitted by: Engr. Ziad Ahmad Shehadi

Signature: 

3. CONSULTANT'S COMMENTS

** Proposed pre-qualification is accepted in principle subject to satisfactory material approval of sample.*

** MIS DUSKA Aluminium is accepted only for pergola works.*

Signature: 

DATE: 4 / 9 / 19

<input type="checkbox"/> Approved
<input checked="" type="checkbox"/> Approved As Noted
<input type="checkbox"/> Revise and Resubmit
<input type="checkbox"/> Additional Info Required
<input type="checkbox"/> Rejected

CLIENT:

To follow only engineer recommendation

Am 5-9-19

Signature: 

DATE: / /

<input type="checkbox"/> Approved
<input checked="" type="checkbox"/> Approved As Noted
<input type="checkbox"/> Additional Info Required
<input type="checkbox"/> Rejected

SCA-1

	3B+G+P+15 Residential Building on Plot No. AFMU029B at Al Furjan, Dubai for M/s. Sabrine Limited		Submittal No : SC-M3-022 Rev.01 10-12-2018
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SUBCONTRACTOR SUBMITTAL

1. SUBCONTRACTOR: SKY DUBAI Aluminium Works
 2. SCOPE OF WORKS: (Aluminium & Glass Works)

Type of Document:-

Calculation
 Method Statement
 Prequalification
 Schedule

Area of Application: _____

3 SUBMITTAL DETAILS

#	Document Description	Rev.	Copies
1	SKY DUBAI Aluminium Works	1	2 Hard Copy

These are transmitted for:

Your Information
 Approval
 Checking
 Review and Comment

We certify that the above documents have been coordinated

Submitted by: Engr. Swaraj Ullal Signature: 




3. CONSULTANT'S COMMENTS:

Comply with contract specification.

Approved
 Approved As Noted
 Resubmit For Approval
 Rejected

}

Signature:  DATE: 20/12/18

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 Engineer: **ATK ENGINEERING CONSULTANT**

The Employer: **RECEIVED 18 OCT 2018 FIVE**

The Contractor: **中建中東有限公司 CHINA STATE CONSTRUCTION ENG. CORP. (MIDDLE EAST LLC)**

Project: **5136187 - Five Jumeirah Village Dubai**

Material Submittal

Ref. No. **FJV-DSA-AR-MTS-GN-402**

Rev. No. **0**

Originator of Submittal: **Dubai Sky Aluminium Works**

Authorised Sign:

Date: _____

Reqd. By: _____

Item Description	Material Detail	List of Enclosure
Specs. Reference	Sand Trap & Wiremesh Louver	<input checked="" type="checkbox"/> Vendor's Technical Literature
BOQ Reference		<input type="checkbox"/> Compliance Statement
Drwg. Reference		<input type="checkbox"/> Previous Test Results
Material Specified		<input checked="" type="checkbox"/> Copy of the Related Specs.
Material Proposed	Aluminium Louver	<input checked="" type="checkbox"/> Samples with Sample Tag
Manufacturer / Supplier	Dubai Sky Aluminium Works	<input type="checkbox"/> List of Previous Projects Done
Remarks		<input type="checkbox"/> Others (Specify):

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

Contractor Sign: _____ Date: _____

ATK Received Sign: _____ Date: **17 OCT 2018**

Ref. No **5136187/R11-6901**

Final **Engineer's Comments:**

- No objection for proposed materials, subject to compliance w/ MEP requirements
- All fasteners/anchors shall be SPS - fixing angles Alum. Alloy

Reviewed By:

Date: _____

ATK Resident Engineer's Comments

- Approval is based on JLS final review & approval
- submit anchors MTDS in separate submission

Code A - Approved

Code B - Approved As Noted, Resubmit

Code C - Not Approved, Resubmit

Code D - Information, Record

Code E - Incomplete, Resubmit

ATK RE Sign:

Date: **28/10/18**

Contractor Received Sign:


Date: _____

Ref. No **5136187/R10-6827**

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 the design concept of the project and general compliance with the information given in the contract documents.

PROPERTY SITE OPERATIONS, UAE Form No. SQP/10/FM/001, Rev 00

Final. This approval is made for this project in specific as selected by JLS

<p>The Engineer:</p> 	<p>The Employer:</p> <p>RECEIVED</p> <p>11 OCT 2018</p> <p>Five Real Estate Development</p>	<p>The Contractor:</p> <p>中建中東有限責任公司 CHINA STATE CONSTRUCTION ENGINEERING CORP. (HONG KONG) LTD.</p> <p>11 OCT 2018</p>
<p>Project: 5136187 - Five Jumeirah Village Dubai</p>		
<p>Shop Drawing Submittal</p>		<p>Ref. No. FJV-DSA-SDS-AR-462 R0</p> <p>Dwg. No. 401 to 411 / 501 to 503</p>
Originator of Submittal:	Dubai Sky Aluminium Works	Date: 10/10/2018
Authorised Sign:	<i>[Signature]</i>	Reqd. By: 13/10/2018
MEP Co-ordinator's Sign:	<i>[Signature]</i>	Date: _____
Drawing Title:	ALUMINUM FIXED LOUVERS SHOPDRAWINGS, SCHEDULE AND SECTIONAL DETAILS	
Contractor Sign:	_____	Date: _____
ATK Received Sign:	_____	Date: 10 OCT 2018
		Ref. No 5136187/R11- 6840
<p>Contractor Statement: We certify that the shop drawings submitted herewith has been reviewed in details and are in compliance with the contract drawings and specifications except as otherwise specifically stated hereabove.</p>		
<p><i>FINE</i> Engineer's Comments:</p> <ul style="list-style-type: none"> • No tech. objection, subject to Compliance w/ provided comments • subject to structural adequacy & Compliance to MEP requirements • subject to material approval / Lockup approval • All fasteners shall be (SS) 		
Reviewed By:	<i>[Signature]</i>	Date: _____
ATK Resident Engineer's Comments:	<p>• Approval is based on M/S Fine review & approval</p> <p>• It is S/C full responsibility to the actual site conditions prior to proceeding further.</p>	
	<input type="checkbox"/> Code A - Approved <input checked="" type="checkbox"/> Code B - Approved As Noted, Resubmit <i>Cond.</i> <input type="checkbox"/> Code C - Not Approved, Resubmit <input type="checkbox"/> Code D - Information, Record	
ATK RE Sign:	<i>[Signature]</i>	Date: 23/10/18
Contractor Received Sign:	_____	Date: _____
<p>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 the design concept of the project and general compliance with the information given in the contract documents.</p>		<p>Ref. No 5136187/R10- 6808</p>
<p>PROPERTY SITE OPERATIONS, UAE</p> <p>Form No SOP/10/FM/005, Rev 00</p>		

The Engineer ATK ENGINEERS & ARCHITECTS DUBAI, U.A.E.		The Contractor  中建中限有任公司 CHINA CONSTRUCTION GROUP LIMITED HONG KONG	
RECEIVED 18 OCT 2018 Five Real Estate Development Project #5136187 - Five Jumeirah Village Dubai 5136187.R			
Sample Tag		Ref. No FJV-DSA-AR-MTS-GN-402 Rev. No. 0	
Originator of Submittal	Dubai Sky Aluminium Works	Date	
Authorised Sign		Reqd By	
 Material Detail DUBAI SKY ALUMINIUM WORKS OF PAKISTAN			
Item Description	Sand Trap & Wiremesh Louver		
Area of Use	Level 1,2,3,418,19,39&40	Spec. Ref.	
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. We undertake full responsibility to ensure that the material delivered at site is same as the approved sample.			
Contractor Sign		Date	17 OCT 2018
ATK Received Sign:		Date	
ATK Engineer's Comments:		Ref. No	5136187/R11- 6901
Refer to Comments on Feb. Submission.			
Reviewed By:		Date:	
ATK Resident Engineer's Comments:		<input type="checkbox"/> Code A - Approved <input checked="" type="checkbox"/> Code B - Approved As Noted, Resubmit <input type="checkbox"/> Code C - Not Approved, Resubmit <input type="checkbox"/> Code D - Information, Record <input type="checkbox"/> Code E - Incomplete, Resubmit	
ATK RE Sign:		Date:	28/10/18
Contractor Received Sign:		Ref. No	5136187/R10- 6827
		Date:	

DUSKAL



DUSKAL

ALUMINIUM WORKS



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