

Pre-Qualification Manual



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OUSUS
STEEL FACTORY

"Strength Forged in Steel"



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We lead because we follow

At Ousus Steel, we continue to be inspired by the unwavering principles of service. And that is what helped us succeed in contributing to KSA's development.

Introduction

Selfless Service with a firm Resolve

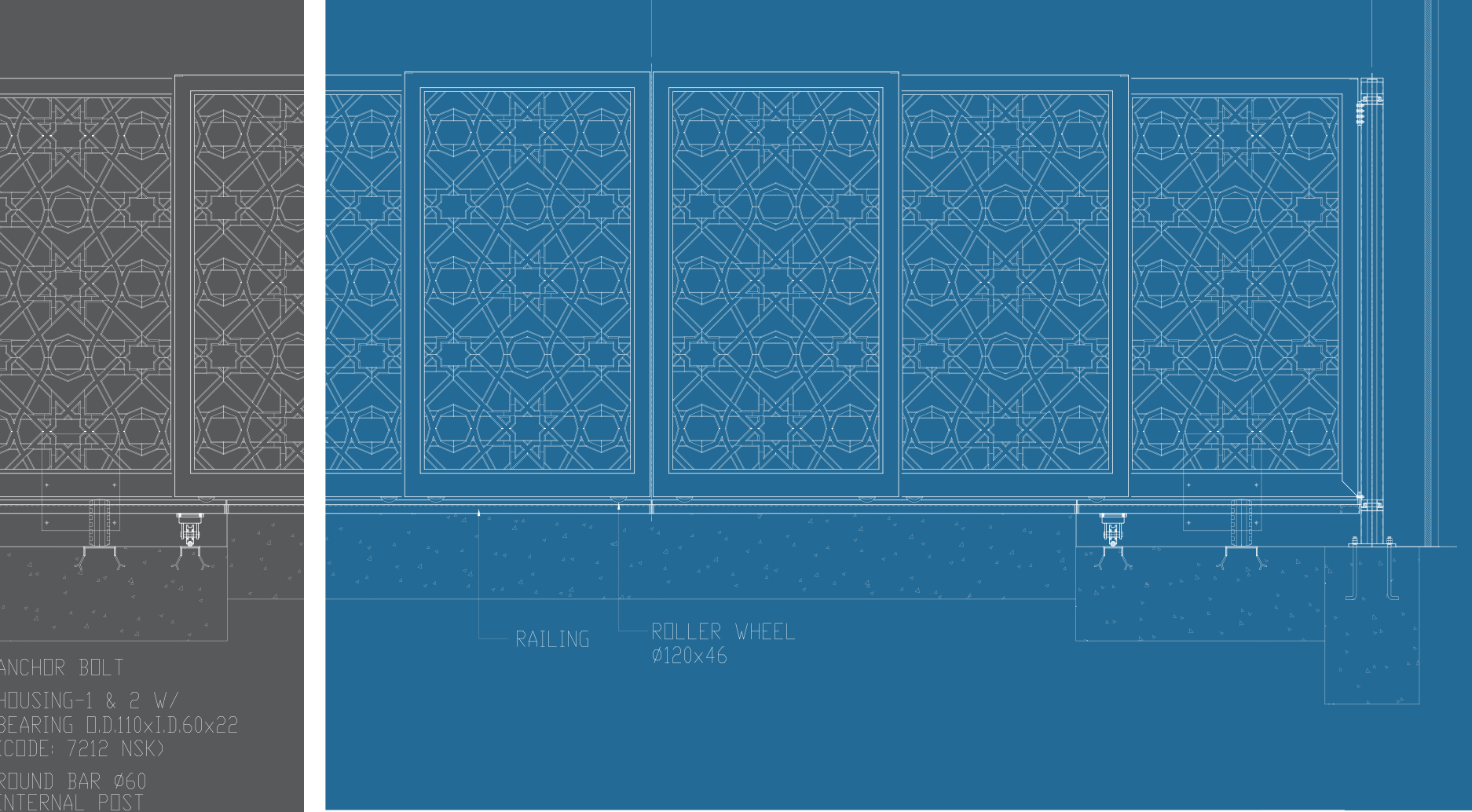
The trusted name in steel fabrication in the region.

Ousus Steel Factory is a Saudi foreign industrial firm with 15 years of solid experience in steel works. Across KSA, we unanimously stand for good service, reliability, and quality products.

Ousus' factory is located at Al-Manakh Industrial City in Riyadh, Saudi Arabia. It is spread under a covered hangar of 5,000 m², where all facilities are accommodated.

All steel works are fabricated in-house without compromising quality of works and abiding by all the safety standards.

Project Name:	
PNU PRINCESS NOURA BINT ABDULRAHMAN UNIVERSITY (PACKAGE 1)	
Consultant:	
دار الهندسة شكر ومفارقة	dar-el-hanash shair and partner
General Contractor:	
SAUDI OGER	
SUB - CONTRACTOR	
Ousus Steel Factory P.O. BOX 18934 RYADH 11425 Kingdom Of Saudi Arabia Tel: 01- 812 5791 / 01- 812 5790	أسيس Ousus Steel Factory SINCE 1997
TITLE :	
CENTRAL LIBRARY 3.5.0 METAL WORKS DOME FALSE CEILING BULL'S EYE VAULT DETAILS	
DAR STAMP :	



Raising the bar, transforming the future

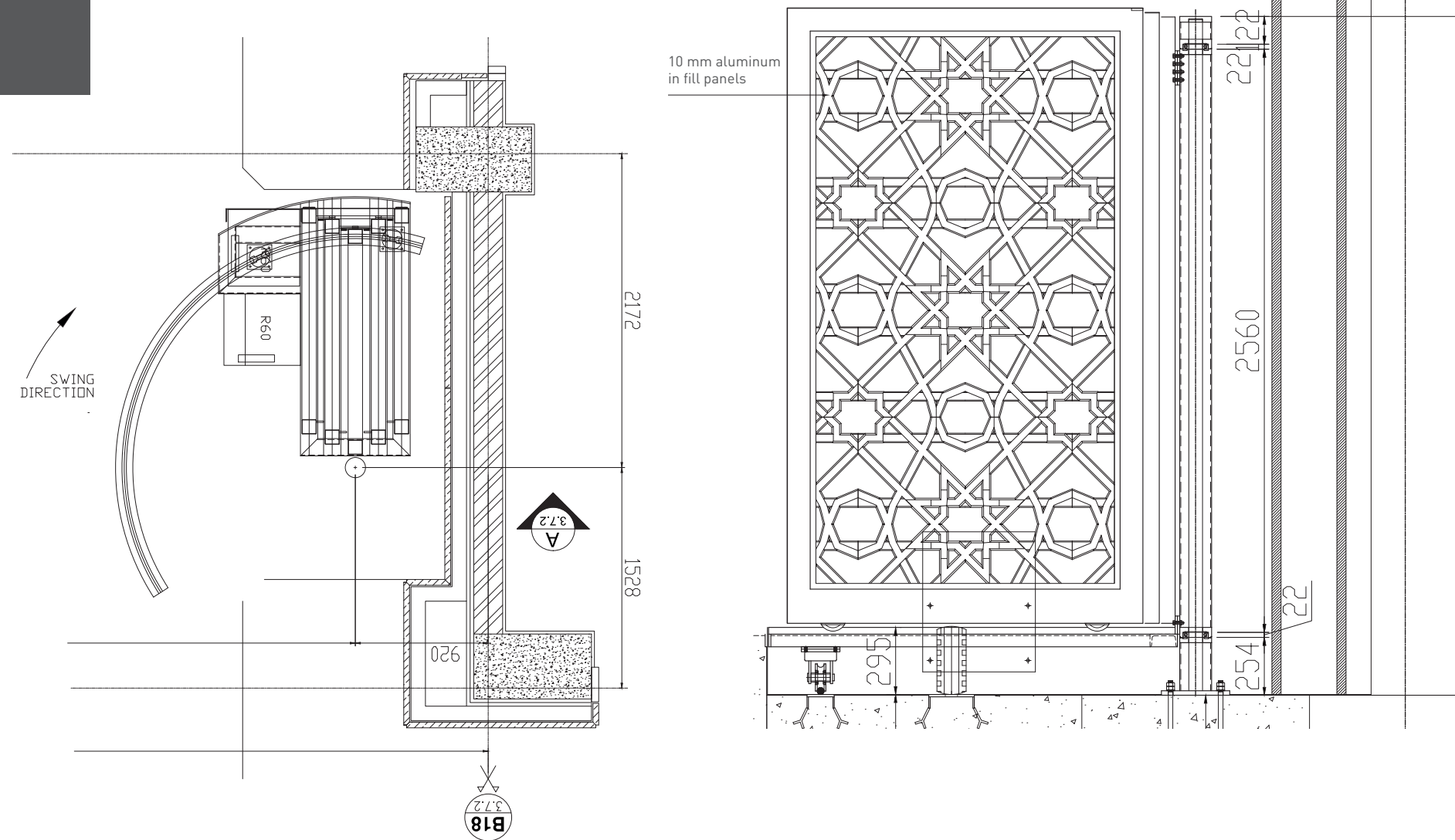
We pride ourselves on our continuous innovation and product development to meet the ever-changing demands of the industry. The remarkable success of Ousus steel is built on cutting edge, state-of-the-art technology, in addition to a dynamic, high talented workforce; and a position of strength that has been rewarded by a strong client-Ousus trust relationship.

Why Ousus Steel

Committed to the Core

The short history of Ousus Steel has been one with relentless expansion and continuous innovation while redefining excellence in the industry. Our large know-how library in metal works products is perfectly positioned to cater to the increasing market demand for more customized steel products.

One of the recent challenges that Ousus Steel was approced with, was the desing of special gates which had telescopic as well as swing mechanisim. This was required due to limited space. The competition was with international companies, but Ousus design was unique and approved. All main gates were supplied by Ousus Steel.





Times change, Quality doesn't

At the moment, Ousus Steel symbolizes the following:

- High quality products trusted by clients
- Triumph of consistent innovation
- The success of a focused vision

Our personnel receive some of the most rigorous Quality and Safety training in the industry. Ousus is qualified as level 2 ISO 9001 preparation.

As we embark on a new era of innovation, we are realigning our distribution, customer service and support activities in the purpose of achieving superior standards and expanding the focus on high quality offerings.

Enviroment Above All

All Ousus Steel clients enjoy the value-added benefits of aLEED requirements. We comply with the highest performance of greed coes, such as using recycable materials of 48% and low COC. All our paint are low VOC and our powder paint is zero VOC.



Green thincking is therefore an integral part of our operational procedures and not looked at as another certification.



Our commitment to excellence requires the availability of heavy duty and highly functional machineries, equipment, and tools necessary to carry out the needed work.

Our main equipment includes:

- Press break machines
- Shearing machines
- CNC plasma cutting machines
- CNC punching line
- MIG / stick welding machines
- Automatic conveyor shot blasting machine
- Arc spray galvanizing line
- Powder painting line with 7m long x 2.5 m wide x 3.5 m high booth and oven to accommodate large pieces
- Turnery / lathe / shaping machines
- 8 & 5 tons forklifts
- Air compressors

FACILITIES

People

“A lifetime dedicated to purposeful services”

At Ousus Steel, everything begins and ends with commitment.

Commitment in performance, quality, and results.

Commitment to our team and their individual success.

Commitment today and in the future.

As an investor in its workforce, Ousus Steel recognizes that the quality of its products and services results form a highly trained and motivated team.

People: Our most valuable investment

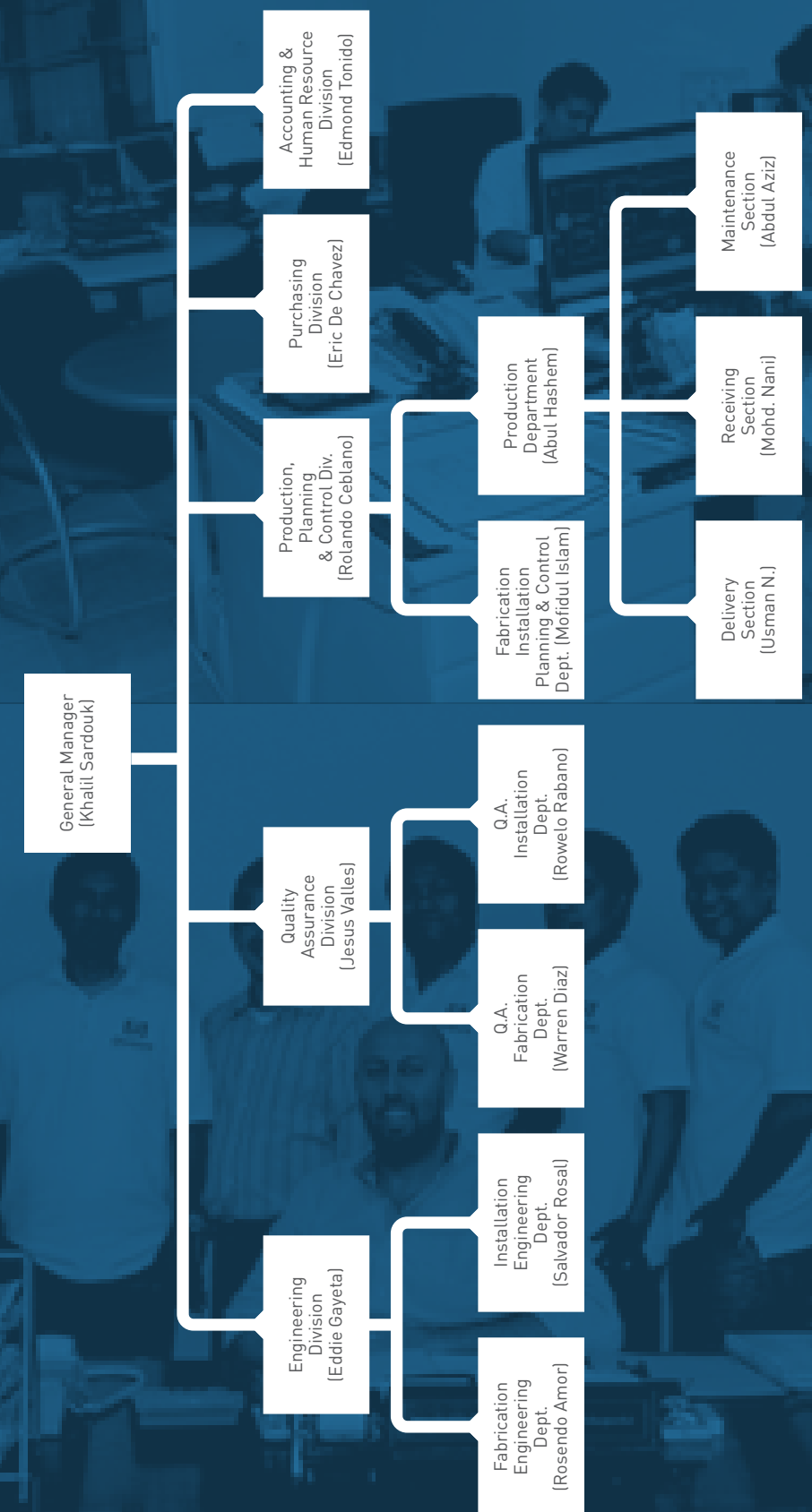
People who work at Ousus Steel are special. They bring in high quality and commitment to their work that is rarely seen elsewhere. Our success as a business derives from creating a culture that provides a motivating and rewarding environment, and we encourage everyone to be part of this experience.

The Ousus Team

- Mechanical Engineers
- Civil Engineers
- AutoCAD structural detailers specifically experienced in metal and steel works
- Accountants and cost controllers
- 120 skilled welders and 30 laborers and painters
- All the team members are well qualified and have been working for the company for more than 15 years knowing the way of steel fabrication including high quality and fast delivery schedule.

New and practical ways of solving fabrication and installation problems are thoroughly deliberated to achieve client satisfaction. Thus, our team is backed up with periodical trainings to upgrade its skills while reinforcing them with new computer software, hardware, and technology to meet commitment and excellence.

Ousus Steel Factory Organization Chart





Projects

Works of Art that Work – Our Projects Portfolio

Princess Noura Bint Abdulrahman University for Women (PNU) / DAR AR Riyadh Consultant

Image: Design, Fabrication, and Installation of 350m² Steel Sub-Frame Structure

Scope: 15,000 m of Steel Painted Handrails, 8,000 m² of Marble and Ceiling Supports, All Main Gates, 3,000 m² of Special Walk Way Gratings with Platforms, and various metal works.



Heath and Science Bldg.
Removable Guardrail for Glass Maintinace



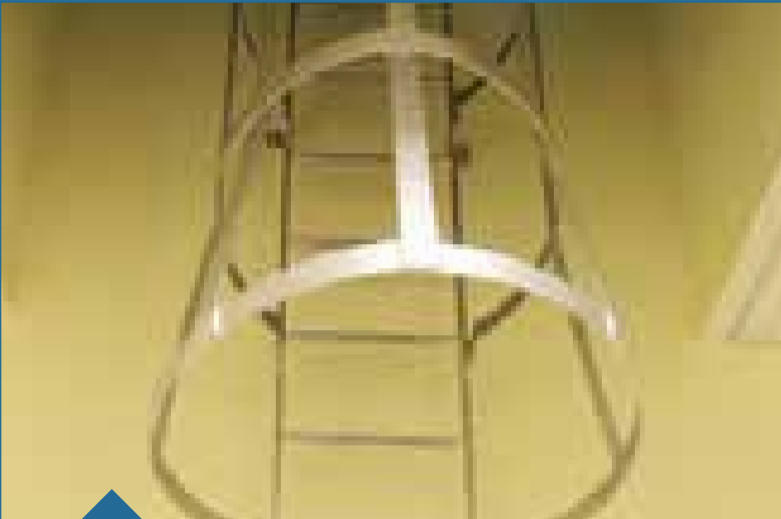
Marble Ladders
Internal Type

Galvanized Paint Top/Floor/Wall type Handrails
Railing



Theater Roof Technical Area
Press Locked Grating





Roof Access

Roof Access Hatches with Steel Ladders



Marble Framing

Marble Framing Fixed & Access Types



Gold Plated

Gold Plated Hand Rails Main Theater
Princess Noura University



Special Gates

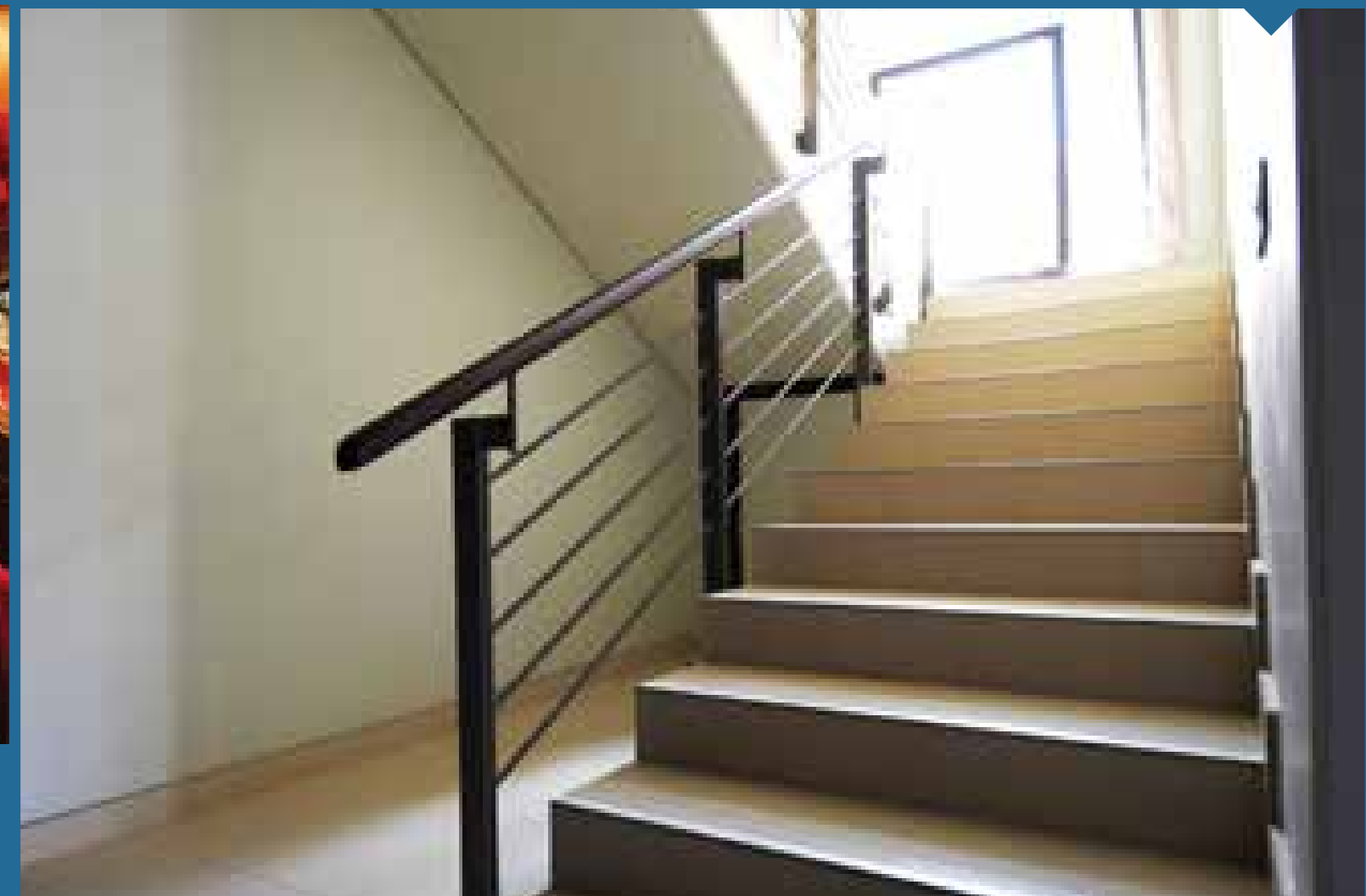
All Main Gates, Telescopic in Open Position



Special Gates

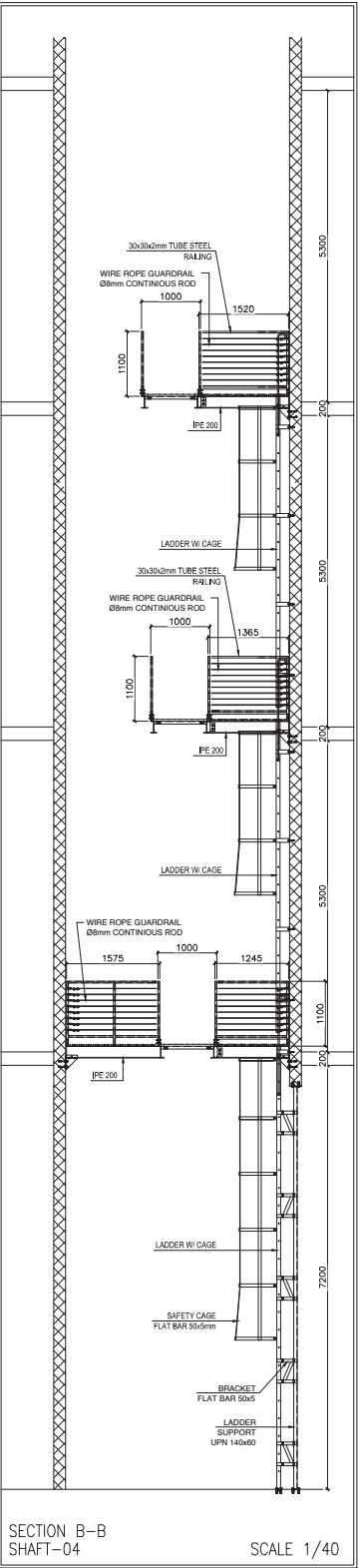
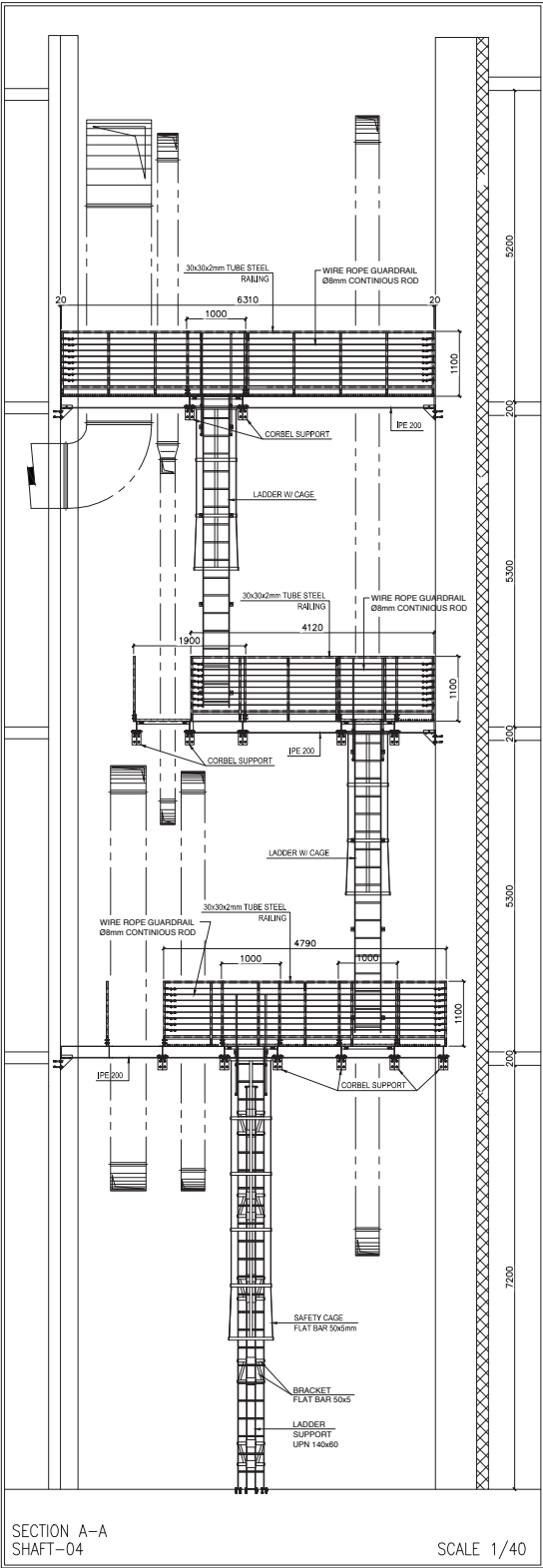
All Main Gates, Telescopic in Closed Position

Internal Woden with Steel Handrails
Adminstrative Villas 400



WalkWays

All of Health & Science Blg. Technical Shafts. 4,000 m of Walkway, Railings, and Ladders



NOTES :

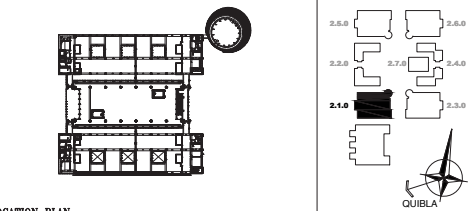
1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS OTHERWISE NOTED.
2. CAGE LADDER LOCATION IS AS PER APPROVED HVAC DRAWINGS AND PLUMBING SHOP DRAWING.
3. FOR CAGE LADDER AND CATWALK FIXATION REFER TO APPROVED MATERIAL SUBCONTRACTOR DWG.
4. CONCRETE HOLLOW BLOCKS MEASUREMENTS ARE TO FACE OF BLOCK.
5. ± 0.00 LEVEL CORRESPONDS TO GROUND FLOOR FINISHED FLOOR LEVEL.
6. FOR GENERAL NOTES AND ABBREVIATIONS REFER TO DRAWING PNO2-01-000-M-2600-0001-00.
7. FOR ALL ELECTRO-MECHANICAL WALL OPENINGS REFER TO ELECTRO-MECHANICAL DRAWINGS.
8. FOR ALL CONCRETE PADS SIZES AND LOCATIONS REFER TO ELECTRO-MECHANICAL DRAWINGS.
9. STIFFENER COLUMN LOCATIONS ARE INDICATIVE ONLY AND BASED FROM THE FORMULA:
LT OR HT = 18 (EXTERIOR WALLS MAX), AND LT OR HT = 36 (INTERIOR WALLS MAX),
REFER TO SOB88T-41-43-SC-CD-27.0402-1 OF 2-REV0.

LEGENDS :

ABBREVIATIONS:	
CONCRETE WALLS OR COLUMNS	S.S.L. STRUCTURAL SLAB LEVEL
MASONRY WALL (SOLID)	F.F.L. FINISH FLOOR LEVEL
DRY WALL	

DAR COMMENTS :

COORDINATION (REFERENCE DRAWINGS) : KEY PLAN:



LOCATION PLAN REFERENCE LEVEL

			DRAWN BY	
			CHECKED BY	
			APPROVED BY	
			DRAWN BY	
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Projects

Works of Art that Work – Our Projects Portfolio

King Abdullah Financial District (K.A.F.D.)
Steel structural warehouse (Area=1,440m²)
including civil and electrical works.



Projects

Works of Art that Work – Our Projects Portfolio

Official Reception Building

2,000 m of Handrails, Chandelier Hangers from 300kg up to 4,000kg, 3,000m² of Internal Marble Supports, Window and Door Arches Frames for Main Entrances, Gratings and Checkered Plates for Technical Rooms, Spiral Stairs, Louvers, Various types of metal works.



Steel Frame Support

All Main Chandelier Supports



Steel Support Frame

Internal Marble Ladders



LHPR

5,000 m of Handrails, Chandelier Hangers from 300kg upto 4,000kg, 4,000m² of Internal Marble Supports, Window and Door Arches Frames for Main Entrances, Gratings and Checkered Plates for Technical Rooms, Spiral Stairs, Louvers, Various types of metal works.

Projects

Works of Art that Work – Our Projects Portfolio

Projects

Works of Art that Work – Our Projects Portfolio

K.A.U.S.T / ARAMCO

Image: All Technical Rooms Made of 316 Stainless Steel

Scope: 5,000m² Car Parking Shades, Spiral Staircases, Handrails, Stainless Steel Grating, and Various Metal Works.





Car Sheds

PVC Fabric - 5000m2 Car parking

Railling Systems
Steel Railing



Technical Rooms

Stainless Steel Type 316
Structure & Louvers

Spiral Stairs at Mosque Minerate
Height: 30 Meters

Spiral Stairs



Projects

Works of Art that Work – Our Projects Portfolio

Equestrian Club / DAR AR Riyadh Consultant

Image: Front: Horse Parade Area Railings, Back: Pedestrian Mesh Railings

Scope: 7,000m² of Knitted Fabric Steel Car parks, 1,500m of Powder Painted Horse Rails, Barn Doors, Laboratory Building Horse Doors, Various Metal Works.





Gates

Wooden Horse Gates

Doors

Hores Barn Sliding Door

Railing

Hores Trainging Area



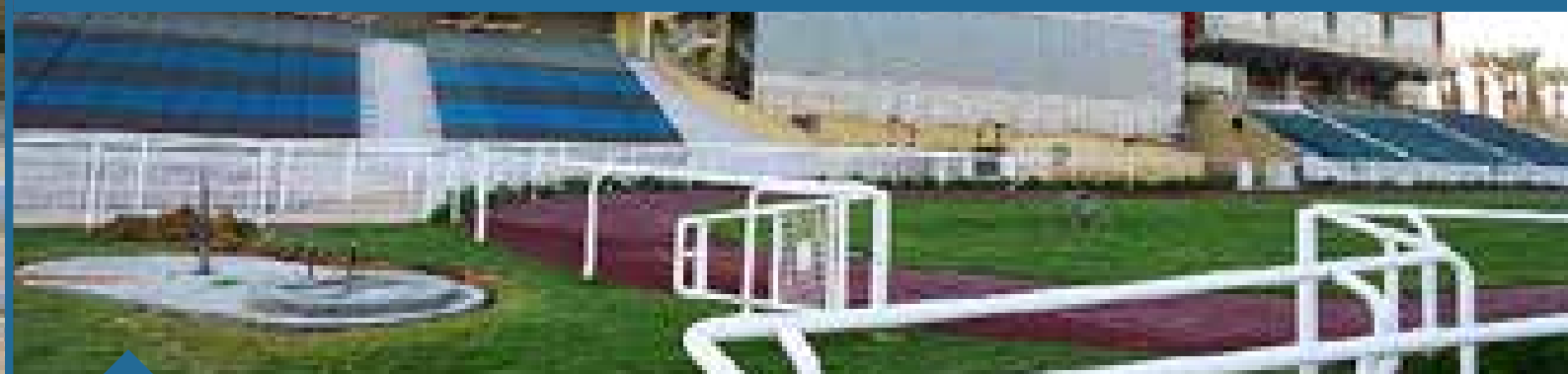
Railing

Pedistrian Protection Powder Painted



Railing

1,500m of Powder Painted Horse Rails,



Railing

Winners Area

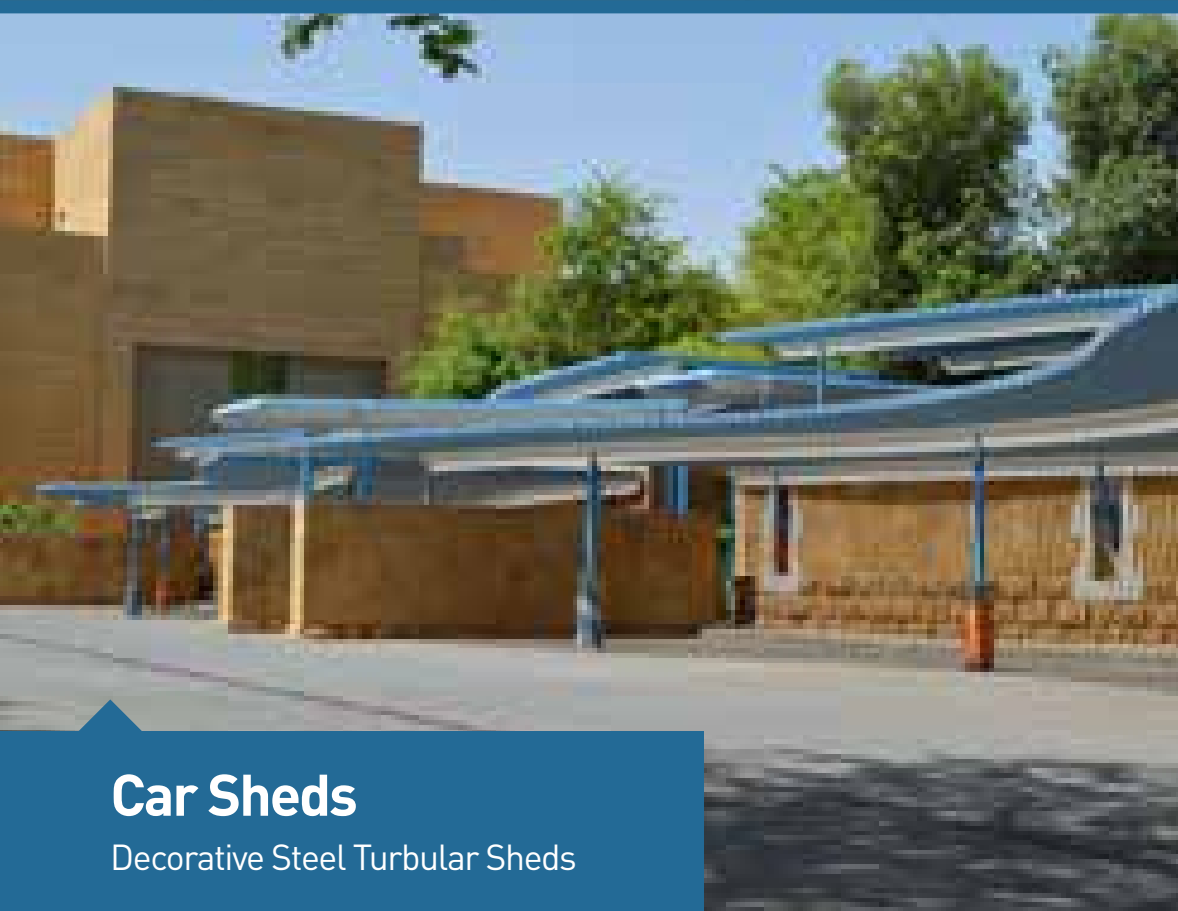
Projects

Works of Art that Work – Our Projects Portfolio

KING ABDULAZIZ NATIONAL MUSEUM / RIYADH

Image: Steel Curtain Wall Frames with Wood

Scope: Decorative Car Shed, 1,000m of Pedistrian Decorative Sheds, All Internal Metal Works such as: 2,500m2 of Internal Marbel Ladders, Vanity Supports, Technical Room Structures, Stairs Railings, Ceiling Supports, and Skylights (Inside Photos Restricted).



Car Sheds

Decorative Steel Turbular Sheds



Sheds and Claddings

Top: 1,000m of Decorative Pedistrian Walk Way Sheds
Top Right: Steel Structures for Marbel Cladding



Projects

Works of Art that Work – Our Projects Portfolio

KING KHALID AIRPORT / RIYADH

Image: Main Check Point Gates

Scope: 68 Km of Fence and All Main Gates

Fence

68 km of Powder Coated Steel Grill

Gates

Check Point Slidding Gates

Projects

Works of Art that Work – Our Projects Portfolio



Private Farms - Riyadh

Scope: 600 Complete Horse Stables Barns including, wooden/steel Barn Doors, Windows, Barn Gates, Paddocks, and Pergolas with Wood Cladding. All Steel Products Were Galvanized Powder Coated.

Gates: Up to 24m Sliding Gates

300m Walk Ways On Roof Installation

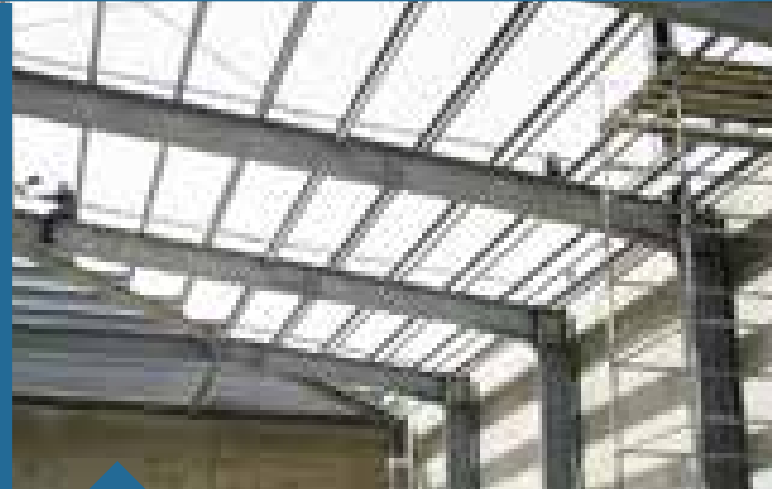
Quadrant 1,000 m2 Roof Steel Structural Warehouse,



Swing Gates

Swing Type with Wood & Stainless steel Claddings

Steel Railings - Road
Steel Railings



Steel Structure

Steel Structure Special Design
4 Faced Roof



Steel Railings

Steel Railings Horse Training



Gates

Pedestrian Types



Steel Structure

Steel Structure Special Design
4 Faced Roof



Gates

24m Grill Type Sliding Gates



Car Sheds

Powder Coated Fabric Type



Gates

20m Service Motorized Gates



Gates

Security 24m Motorized Sliding Gates



Gates

Pedestrian Types

Gates

Pedestrian Types



Projects

Works of Art that Work – Our Projects Portfolio

National Guard Facilities Center - Al Hasa

30 Km. Security Welded Mesh Fence with Gates.
Various Steel Metal Works.

Projects

Works of Art that Work – Our Projects Portfolio

Other Ousus major projects from 1997 till 2006 include the following:

- **ARAMCO Office Park & Community Package – Khafji**
Structural steel sunshade for water heater, parape frames, steel structural support, metal framing, and various metal works.
- **HalfMoon Bay (Al Khobar)**
Car Parking shades, pergolas, terrace & roof framings, and various metal works.
- **Privat Villa – Jeddah**
Various decorative steel gates with African Teak wood cladding and stainless steel decoration on the wood surface.
- **Bay La Sun Track – Jeddah**
Decorative handrails, access door panels and various metal works
- **Riyadh Court House - Riyadh / DAR AR Riyadh Consultant**
Various metal works.
- **Mina Pilgrims Tent Project - Makkah**
40 Km of Powder Painted Fence, more than 1,000 tons of metal works for the tents.
- **King Abdullah Farm “3” & “5/6/7” – Riyadh**
3,000m2 of PVC Car Parks, 15m long of Sliding Gates, Light Steel Structures, and other metal works.
- **Janadriyah Private Stables**
More than 300 sets of Horse Stables powder coated steel doors, windows, and gates complete with wood and accessories. Horse Rails, Light Steel Structure, Heavy Steel Structure of 1,400m2.
- **MOBA, Yamama, ABF Sites, Alpha Parking, Small Sites PSP Roga, Private Villa SBA, Thumama,**
All types of metal works such as Spiral Staircase, Balustrade, Wall Mounted Handrails, Staircases, Grating Support Structure, Marble Ladders, Access Traps, Chandelier Hangers, Manhole Covers and Louvers.

Products

Don't just rise, shine

Consistently for many years, our nationwide clients have come to trust us for the outstanding caliber of our products range.

We are dedicated to distributing durable, efficient, competitively priced steel and related products.

Type of materials fabricated

- Carbon Steel
- Stainless Steel
- Steel with Wood Claddings
- Structural PVC / Fabric
- Aluminum Framing and Louvers

Services

- Site visit
- Design: Structural Calculations and Detailing
- Fabrication
- Shot-blasting
- Galvanizing: Thermal Arc or Hot Dipped
- Painting: In-House Powder or Liquid
- Installation
- Repair

Products

- Steel stairs, spiral / helical stairs, and footbridges
- Gates: swinging, sliding (up to 20 meters long), telescopic
- Fences: all types of fences
- Walk Ways: Suspended or Cantiliver types
- Steel Doors and windows
- Glass & Wood Railings
- Baluster and wall mounted hand rails
- Stainless steel stairs, railings, doors, gates, windows, ladders, louvers, gratings, and others
- Car shade frames including PVC or Fabric covers
- Complete horse stables, doors, windows, horse barn gates, horse clinics, and horse railings
- Parking column protection and guard rails
- Steel and Wood Pergolas
- Metal Decking
- Acoustic Panels
- Gas Tank Sheds
- View screen panels, louvers, ventilation grids
- Ladders, ladders with safety hoops, aluminum ladders
- Marble ladders and structural frames for marble installation
- Substations
- Access traps and manhole covers
- Vanity top supports
- Skylight steel structures
- Curtain walls & ceiling hanger frames
- Chandelier handles and supports
- Smoke exhausts and passdomes
- Pipe bollards steel or stainless steel
- Structural steel works including purlins, flashing, insulation, and civil works
- Aluminum Musharabiat, Louvers, and Sheet Processing
- Custom made products



Product
Aluminum Sand Trap Louvers with Structure

Service Handrail
Product



Product
Steel Ladders



Product
Steel Beam



Product
Stainless Steel Rung



Product
Decorative Steel Fence





Product
Wooden Cladding Support

Gold Plated Hand Rails
Product



Product
Steel Decorative Door



Product
Galvanized Grating



Product
Wooden Swing Gate



Product
Stair Handrail With Wooden Cap



Product
Steel Door With Louvers



Product
Galvanized Checkered Plate Trench Cover



Product
Fuel Tank Cover



Product
Handrail



Product
Roof Access Hatch With Marble Ladder



Steel Ramp
Product

Corrosion Protection Options

STEEL SURFACE

SHOT BLASTED

GALVANIZING

PRIMER COAT

FINAL COAT

Ousus Steel Factory

Had laid down various standard corrosion protection options to protect the quality of its works depending on the requirements/needs of the customer as follows:

- All Steel items are shot blasted in our premises according to Swedish standard Sa 2-1/2.
- If galvanizing is required, then the customer has the following options:
 - In house High Quality Arc Galvanizing according to German Standard DIN8565 with minimum thickness of 100 micro meter.
 - Hot Dip Galvanizing according to ASTM 123
- For final coating, the customer has choice of in-house:
 - High Quality Powder Coating
 - High Quality Liquid Painting



My life is my message

Ousus Steel Factory

Operates as per the highest environment standards by implementing LEEDs. Also by following the international quality assurance standards. It had undergone training for ISO 9002 and had successfully finished Phase 2 out of Phase 3. We are now awaiting for the implementation of Phase 3 so that we can acquire the certificate.



Ousus quality assurance program is geared toward high standards and meets client requirements. This quality assurance & procedures (QAP) is a description of the procedures that must be followed to determine the quality of works of Ousus to meet client satisfaction. The Management of Ousus Steel Factory completely supports the policies and procedures described in this QAP. Ousus is committed to providing the resources, including facilities, equipment and personnel to ensure adherence to the Quality Assurance and Quality Control protocols defined in this document.



Ousus Quality Assurance & Procedures (QAP)

My life is my message

Ousus Steel Factory

The General Manager reviews work to ensure that appropriate facilities and resources exist before accepting the work.

Fabrication Engineering Department makes sure that the client's approval on shop drawing and/or material submittal is taken before orders are fabricated.

The Fabrication & Installation Planning & Control Department shall make sure that materials and facilities are timely available for the fabrication and installation of materials and monitors that materials are fabricated and installed on target dates.

Production Department sees to it that materials to be used for fabrication are properly inspected before fabrication and fabricated as per client's target date.

Ousus Quality Assurance – Fabrication inspects quality of the fabricated materials if it conforms with the client's approved shop drawing.

Production Department shall make sure that fabricated materials are approved by Ousus Quality Assurance – Fabrication, properly handled, well protected & transferred to the Finished Products Area awaiting delivery to the site.

Delivery Department assures proper handling of the fabricated materials until it is loaded in good condition in the client's area.

Site Engineering Department are in charge of installation of fabricated materials in project sites. Each site engineer is responsible for the completeness of work in their respective assigned project site. The site engineer shall request inspection of the fabricated materials from client's Quality Control Department to see that only materials that passed client's inspection shall enter site premises. Rejected fabricated materials shall be returned to the factory and to be repaired as per client's comments.

Ousus Quality Assurance – Installation shall make sure that all installed fabricated materials at site are installed as per client requirements by securing Certificate of Accomplishment from the client.

The overall Quality Assurance Manager is responsible for the monitoring of the quality assurance program and will make recommendations for corrective actions to the General Manager.

Quality is the responsibility of every employee. All personnel will have access to this QAP and subsequent standard operating procedures (SOPs) and will strive to meet the specified requirements in these documents. The quality assurance manager will maintain the training program to ensure that all personnel has the knowledge necessary to meet the requirements of the QAP. No deviations from the policies and procedures are allowed without the documented approval of the General Manager and the Quality Assurance Manager. This QAP will be reviewed and revised as necessary at least annually. Major revisions will be forwarded to appropriate copy holders.



Contact

Together, we can accomplish more

Discover how Ousus Steel can help you meet your demand for top grade products and services. We would be delighted to hear from you. Please direct your query here and we will respond within two business days.

OUSUS STEEL

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