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COMPANY PROFILE



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WHO WE ARE... INTRODUCTION

In 2006, Al-Othman Holding Company decided to expand its core business with establishing a new Factory under the name of Tazez Advance Industrial Co. (USG) offering manufacturing services of various unique ranges of metal products serving the market needs, which is witnessing a constructional growth.

Tazez Co. (USG) is located in KSA – Dammam City ranked as an industrial leader, thanks to the equipped manufacturing technology & CNC production lines, which guarantees the highest production capacity in the Middle East. Based on the adopted continuous development policy, which aims to improve the performance at the highest levels securing the continuous support to our clients & apply the international HSE standards avoiding hazards at similar environments.

The Company manufactures Steel Grating, all types of Lighting Poles, Telecom Poles, Traffic Lighting Poles, Light & Medium Steel Structure, & Hot Dip Galvanization. Our production quality is according to the standards of O&G Projects, Saudi Electricity Co., Saudi Aramco, Municipalities MOM, & private construction sector standards.

The company is planning to develop the production lines during 2015, which will improve the quantitative & qualitative production. Also, expanding with its products range & marketing segment.



Hard-working is our passion
and **customer satisfaction** is
our aim.

OUR MISSION

To become a leading global partner

To provide high quality products to its customers.



OUR VISION

Customer's complete satisfaction.



COMPANY PROFILE

Name of Company	TAZEZ Advanced Industrial Co. Ltd. (USG)
Office Address	P.O. Box 8230, Dammam 31482, KSA.
Telephone No.	00966 (13) 859 6111
Telephone No.	00966 (13) 859 4555
Email	sales@usg.com.sa
Co-ordinates	26°26'33.04" N 50°11'14.83" E
Products Manufactured	Steel Lighting Poles, High Mast, Telecommunication Poles, Transmission & Distribution Poles, Industrial Floor Grating, Steel Treads, Medium & Low Structural Steel.
Factory Address	Additional Warehouse Area, King Abdul Aziz Seaport, Dammam, Saudi Arabia
Riyadh Office	P.O. Box 102, Banque Saudi Fransi Building, King Fahad Road
Co-ordinates	24°41'37.51" N 46°40'50.25" E
Jeddah Office	607, XEROX Building, King Fahad Road
Co-ordinates	24°41'37.51" N 46°40'50.25" E



APPROVALS

<i>S.No.</i>	<i>USG Approval</i>	<i>Issue Date</i>
1	SAUDI ARAMCO APPROVAL	14/03/2009
2	SABIC APPROVAL	03/04/2008
3	SECO APPROVAL	20/03/2012
4	AWS MEMBERSHIP APPROVAL	03/01/2008
5	ISO 9001:2008 GRATING AND GALVANIZING APPROVAL	15/01/2014
6	ISO 9001:2008 POLES APPROVAL	03/01/2015
7	AL-HASA MUNICIPALITY APPROVAL	27/12/1432
8	AGA MEMBERSHIP APPROVAL	01/01/2015
9	AL-TAIF MUNICIPALITY APPROVAL	14/07/1433
10	NAJRAN MUNICIPALITY APPROVAL	26/01/1433
11	AL-JOUF MUNICIPALITY APPROVAL	22/05/1433
12	SASO APPROVAL	15/03/1436
13	ONIZAH MUNICIPALITY APPROVAL	11/10/1433
14	M.O.T MUNICIPALITY APPROVAL	24/01/1433
15	JEDDAH MUNICIPALITY APPROVAL	17/08/1433
16	HAIL MUNICIPALITY APPROVAL	13/07/1433
17	DAMMAM MUNICIPALITY APPROVAL	09/06/1435
18	AL-QASIM MUNICIPALITY APPROVAL	30/01/1433
19	MRME APPROVAL - OMAN	06/03/2013
20	ASHGHAL - QATAR	28/02/2013
21	MINISTRY OF FINANCE	
22	MINISTRY OF HOUSING	

	<i>Total Area</i>	<i>Covered Area</i>	<i>Installed Capacity</i>
Plant I (Poles)		7,960 M2	25,000 MT/ Annum
Plant II (Grating)	50,000 M2	3,262.52 M2	24,000 MT/ Annum
Plant III (Galvanizing)		2,645 M2	60,000 MT/ Annum
Staff/Labor Force	300 persons		
Quality Control/Assurance	ISO 9001-2008		



USG PRODUCTS:

1- POLE FACTORY:

i) The Automatic Press Break Machine is equipped to produce automatic sheet marking which enables the accurate and fast bending of the sheet to convert it into shell.

ii) Automatic Welding Machine not only welds the shell but also straight it which enables the high productive. Also the welding machine is able to weld indifferently Round Conical Poles or Polygonal.

iii) Plasma Door Cutting Machine is used to open door for conical and polygonal poles. This gives the exact size of the door which is required and no hindrance remains in fixing the door back to its original position.

iv) Automated Profile Cutting Machine helps to gain the accurate size of the base plate with required slot holes. With this the annual capacity reaches to more than 25000 Tons/Annum.

2- STEEL FLOOR GATING:

i) Our factory is equipped with EVG, known as the ROLLS ROYCE amongst all the gratings manufacturing machines available on this planet. The quality of grating manufactured out of this plant is world class.

ii) Our EVG machine ensures maximum efficiency having a capacity of 33600Tons/Annum. This enables us to offer you standard panels as well as the cut to size grating at competitive process. Elimination of import duty and sea freight with in the GCC countries also has a considerable impact on prices.

iii) Our factory is strategically located at Dammam Port which makes it easier for import of raw material/ export of finished goods.



3- GALVANIZING:

It is an efficient process to coat the surface of steel and iron with zinc to protect it against corrosion there by preserving its strength. The process includes degreasing, rinsing, pickling, rinsing, fluxing, drying and dipping in molten zinc.

The galvanizing plant (16 m x 1.6 m x 2.8 m) is designed by Protherm Engineering UK, which enhances high productivity. Highly skilled workforce and experienced management promises prompt delivery of materials through careful planning and scheduling. Plant has reached to a capacity to galvanized 60000 Tons/Annum.

4- LIGHT & MEDIUM STEEL STRUCTURE FABRICATION

During the last quarter of 2014, USG started to diversify the Company's activities due to the owned capabilities & facilities focusing more on the steel structure sector. Whatever is the client's design is; we are able to execute, either it's structural or mechanical design with a comprehensive solutions such as Shot Blasting, Sweep Blasting, HD Galvanizing & Wet Painting.

We have started to get more involved with our clients sharing our designing alternative solutions to improve the logistics & the execution efficiency. The whole team, who are consisted of Engineering, Projects Planning & Q.C. Department getting into deep details of each project to understand the needs of the client which is a vital point for to achieve perfection.



MULTIPURPOSE STEEL POLES



- ◆ STREET LIGHTING POLES
- ◆ HIGH MAST POLE
- ◆ STADIUM MAST
- ◆ MID HINGED & BASE HINGED POLE
- ◆ MONOPOLES
- ◆ POWER & DISTRIBUTION
- ◆ TRAFFIC
- ◆ SECURITY
- ◆ TELECOMMUNICATION





USG's most sophisticated plant in Dammam is equipped with the latest technology for manufacturing multipurpose poles with the highest capacity in Eastern Region. It's Kingdom 1st Fully Automated Pole Manufacturing Company.

TRAPEZODIAL SHEARING M/C

Trapezodical Shear & Marking Station

Parallelogram is been transferred to get the required shape of Trapezium.

- Shear -3 to 10 mm ST -52 Grade Coil.
- Upto 170mm min Shearing Width.
- Fully Automatic Plasma Marking Station.

PRESS BREAK

2 Identical Press Break

Trapezium is then bended in Press Break to aquire the shape of pole..

- Operating in Tandern.
- For High Mast & Monopoles bending possible upto 32 mm thickness.
- Bending for 12 mm thick plate for an overall length of 15 mts.
- Overall tonnage capacity is 1280 Tons.

CUT TO LENGTH

De Coiling Process

Hot Rolled is been segregated from its original state as an initial Raw Material.

- Capacity: 30 Tons.
- Width: Up to 2100 mm.
- Shear up to 10 mm St-52 Grade Coil

AUTOMATIC SHAFT WELDING M/C

2 Automatic Poles Welding Machines

Bended structure is welded on Automatic Welding Machine to transfer it into the shape of Shaft.

- Bed Space easily accommodates 16 mts Shell.

PLASMA DOOR CUTTING

The Shaft is finally transferred to Door Cutting Machine, which provides the Fuse Box Structure within the pole.

- Cutting Range 2 - 10 mm thick plate.

ORBITAL WELDING MACHINE

Latest technology of Orbital Welding for Poles is been introduces to improve the welding quality.

LASER CUTTING MACHINE

Bed Size of 14 mts provides us to gain maximum efficiency with accurate cutting of the Pates and to provide the best quality.



ELECTRICAL POLE

Power transmission line poles and distribution networks transmission lines manufactured as low, intermediate, high and ultra-high voltage in line with demand are designed and manufactured by our company in compliance with national and international standards. USG manufacture these Hot Dip Galvanized Poles and Painted Poles as per the requirements of our customer.

TRAFFIC SIGNAL POLE

Signal Poles produced by USG is design and produce as per End Customer Requirements. Poles can be supplied with a galvanized finish, paint over galvanized finish or a factory finish paint coat in a decorative urban application.

Constructed with a clean functional tapered vertical post and a bolts on tapered inclined beam mast arm fabricated from high strength carbon steel, these very functional design poles are strong enough to support a variety of signal head and traffic sing combinations at lengths of 64 mts or more.

DECORATIVE POLE

USG is engaged in manufacturing, and supplying a very excellent quality range of Decorative Lighting Pole. These poles are available in a pallet of attractive designs, shapes and colors. Our range is appreciated by the various clients.

OCTAGONAL POLE

The tapered octagonal pole has a variety of uses from sporting ovas to industrial developments, from as low as 1 meters to as high as 35 meters. Due to the wide range of uses, the tapered octagonal pole is also known as the General Purpose pole. These pole are ideally suited to floodlighting projects that requires the luminaire control gear to be mounted inside the pole, due to the larger diameter at the base. USG Street Lighting Poles are supplied with Hot Dip Galanizing as per internationally approved standards for maximum protection against corrosion.





SECURITY POLE

USG is one of the leading companies in manufacturing of Camera Poles. There is a wide range of product from a small intricate bracket to poles, towers and columns. Our Well Experience team designs the pole as per standard or customer requirements.

HIGH MAST RAISING AND LOWERING SYSTEM

High level of illumination, easy maintenance and minimum ground level obstruction are just some of the benefits High Mast.

High Mast lighting has become a popular and efficient way of lighting large-scale areas such as airports, dockyards, large industrial areas, sports areas, shopping centers and car parks. There is a huge range of applications that can utilize the benefits of a high mast system.

USG offer a complete range of high mast equipment, and can put together in specific combinations of mast and lanterns to meet any lighting requirements. Fabricated from sheet steel, the masts have a polygonal cross section, which taper towards the top. Finished through a hot-dip galvanizing process, the masts are able to stand up to even the most extreme weather conditions.

Masts are delivered in sections, for ease of transport, and are easily assembled on site where they are bolted to a prepared concrete foundation.

HIGH MAST (STADIUM POLE)

The Stadium High Mast with fixed head frame mounting the floodlights are mostly used for those outdoor places where the high concentrations of lights is required over a small area, such as a Football Stadium, Race Course, etc. These High Mast are design to have Ladder with safety cage and Platform for Maintenance Purpose. Ladder can be external as well as can be provided internally as per the project requirements.



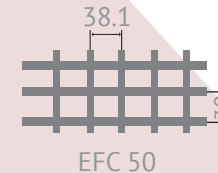
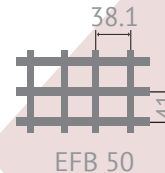
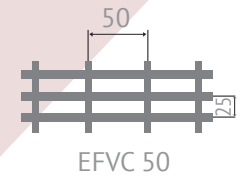
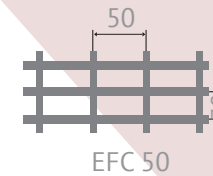
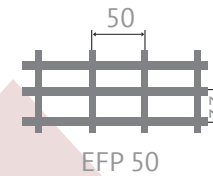
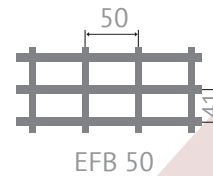
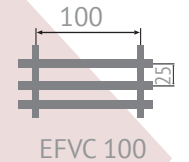
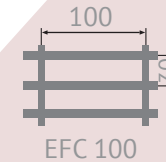
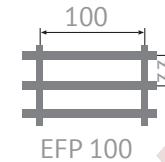
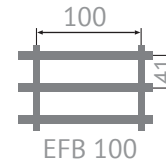


INDUSTRIAL FLOORING (GRATINGS)

- ◆ PLAIN & SERRATED FLAT BAR
- ◆ STANDARD SIZE (1 M X 6 M)
- ◆ CUSTOMIZED GRATING
- ◆ STAIR THREAD
- ◆ HANDRAILS

We manufacture Steel Floor Grating in a state-of-the-art manufacturing facility using the latest and best production machine and galvanizing process.

Standard Panel Sizes:





USG installed the latest state of the art Austrian (EVG) grating manufacturing equipments.

In this type of gratings, the cross bars are electro-forged to bearing bars by a process that combines intense hydraulic pressure with a powerful electric current.

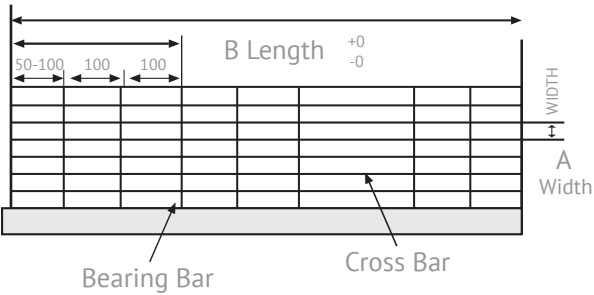
At United Steel Grating, all types of fabrication typically associated with the gratings industry are performed by experienced and expert craftsmen. Services available include straight and circular cutting and banding, fabrication and radically cut grating panels, toe plate attachment, grating with checkered plate, heavy duty panel grating with cross bars top and bottom, serrated heavy duty bearing bars and cross bars, egg-crate construction vault grating, grating with hinges locks, and heavy duty grating with space bars to form and extremely close mesh.

The majority of fabrication performed by USG is done in accordance with grating drawings prepared by the Engineering Department.

Stair Tread:

USG's stair treads have been designed to include an anti-skid surface and manufactured to ensure their durability & safety.

Tread Dimensions

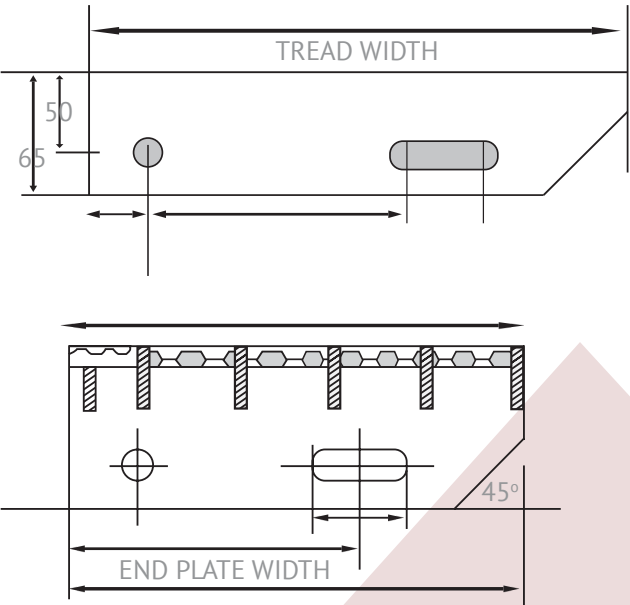


Recommended Dimensions

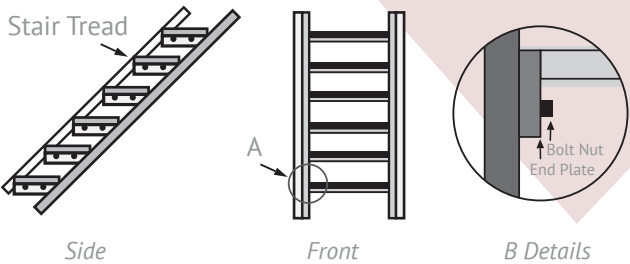
Load bearing bars at 30mm pitch

Width A	215	250	275	300	350
Length B	500	600	650	700	750
Bolt Pitch C	800	900	1000	1200	
	100	125	160	178	
Round Hole D	ø12	ø14			
Slotted Hole E	12x25	12x24	14x25	14x40	

Standard Stair Tread End Plate Drilling:



Fastening by Bolts:





Grating Fixing Clips:

Clip can fit over two bars to ensure or to secure joining of panels . This can be quickly and safely done by one man using only a box-end wrench, working from the floor surface

Saddle Clips, as illustrated below, consist of :

1. Top clip mounted on top of the bearing bars.
2. Bottom clip grips the support beam.
3. Bolt and nut hold together both clips fixing grating to the support beam.

Industrial uses for metal bar grating include:

- Oil & gas platforms & refineries
- Power plants
- Waste water treatment facilities
- Steel mills
- Bridge and roadway construction
- Marine and ship building
- Railroads
- Poultry and livestock facilities

Commercial uses for metal bar grating include:

- Mezzanines
- Shopping Malls
- Sport facilities and arenas
- Municipal and other public buildings



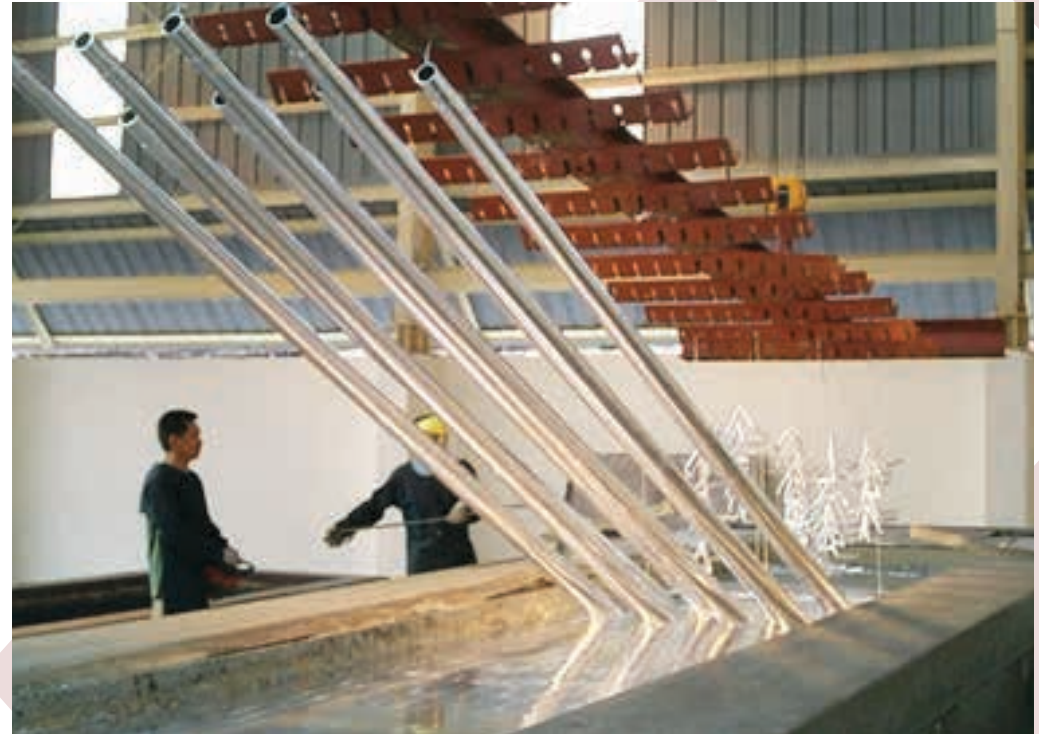
HOT DIP GALVANIZING




Hot-dip galvanizing It is the process of coating steel with a thin zinc layer, by passing the metal through a molten bath of zinc at a temperature of around 860 °F (460 °C). When exposed to the atmosphere, the pure zinc (Zn) reacts with oxygen (O₂) to form zinc oxide (ZnO), which further reacts with carbon dioxide (CO₂) to form zinc carbonate (ZnCO₃), a usually dull grey, fairly strong material that stops further corrosion in many circumstances, protecting the steel below from the elements. Galvanized steel is widely used in applications where rust resistance is needed, and can be identified by the crystallization patterning on the surface (often called a “spangle”).

ASTM A 123/A 123M: Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products Single pieces of steel or fabrications with different types of steel products..

Addition of Nickel & Bismuth
to improve the appearance and
quality of Galvanizing.





STRUCTURAL STEEL

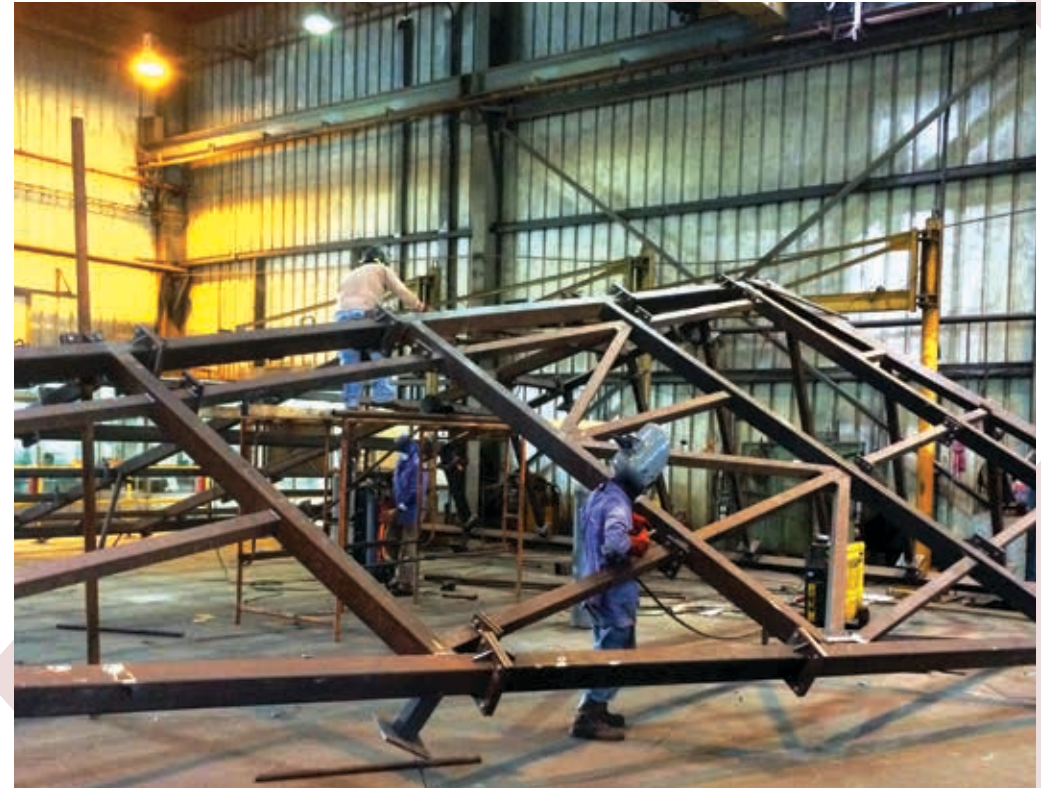
LIGHT & MEDIUM STEEL STRUCTURE FABRICATION

We have started to get more involved with our clients sharing our designing alternative solutions to improve the logistics & the execution efficiency. The whole team, who are consisted of Engineering, Projects Planning & Q.C. Department getting into deep details of each project to understand the needs of the client which is a vital point for to achieve perfection.

We have started with developing current production lines & Adding new CNC machines & automatic equipment's to enhance the production quality & output capacities.

The new section can fabricate:

- Light and Medium Steel Structures
- Cage Ladders
- Platforms
- Base Frames
- Staircase
- Handrail System
- MBR Special Tanks
- Flanges
- Accessories





After successfully bloomed in the business of Electro Forged Grating, Poles and Galvanizing, USG is heading to become a leading designer, fabricator and erector of Low and Medium structural steel and towers. We have specialized team in the design and manufacturing of top quality pre-engineering buildings, bridges etc. The Fabrication shop is designed to fabricate 15,0000/annually Metric Tons of Steel Structures. USG is engaged in the development of innovative design and engineering solutions for use in the construction industry.

Through its various industrial sectors, USG provides a broad range of products and solutions that meet the increasing needs and requirements of the global Building & Construction industry.

USG also undertakes responsibility for the steel erection if requested by the customer and has the equipment, supervision and skilled manpower to erect any type of structure efficiently and safely. USG assigns a project manager to each project to serve as the primary point of customer contact and to be directly responsible for customer satisfaction.



ENGINEERING DEPARTMENT

Our Engineering Dept. consists of a team of highly qualified Design Engineer and Draftsmen with many years of Experiences. They are fully equipped with the latest hardware and software. The drawings issued by us are as per the customer requirements and the cutting programe are forwarded to the departments in order to fabricate the materials as per specification.

Software like PLS Pole, Guymaster, ColCA and Brass Pole are widely used. Drafting Software like Auto CAD, Solid Work, TEKLA are preferred. Standards followed by us are BS EN 40, ASHTO LTS 5, ANSI /TIA 222 - G

Our Design Department is fully equipped with the latest design program like PLS Pole, Guymaster, ColCA & Brass Pole. Drafting software like AutoCAD, Solid Works, Tekla. All the design & drawings we produce are done according to customer/client specification.

OUR CLIENTS



OUR PROJECTS

POLES PROJECT				
End User	Project	Country	Status	Project Completion
Tatweer Petroleum	220 KV Sub Station	Bahrain	Completed in 2012	2 Months
Saudi Aramco	Shaybah NGL Project	Saudi Arabia	Completed in 2012	4 Months
Dammam Municipality	Half Moon Beach - Aziziyah	Saudi Arabia	Completed in 2012	2.5 Months
Riyadh Municipality	RAK PJT (UK-11-0706-R1)	Saudi Arabia	Completed in 2012	4 Months
Dharan Municipality	Street Lighting Poles	Saudi Arabia	Completed in 2012	5 Months
Saudi Electricity Company	TIT-SUB-Makkah North - 476	Saudi Arabia	Completed in 2012	9 Months
Saudi Electricity Company	Transmission & Distrubution	Saudi Arabia	Completed in 2013	9 Months
Maden Hyundai	Lighitng Poles	Saudi Arabia	Completed in 2013	3 Months
SWCC	Ras Al Khair Power Plant	Saudi Arabia	Completed in 2014	4 Months
Saudi Aramco	Dharan	Saudi Arabia	Completed in 2014	4 Months
Saudi Aramco	Houfuf	Saudi Arabia	Completed in 2014	3 Months
Jeddah Municipality	Jeddah	Saudi Arabia	Completed in 2014	3.5 Months
Ministry of Finance	Madina	Saudi Arabia	In Process	4 Months Target
Median Gas - Saudi Aramco	Median	Saudi Arabia	In Process	2 Months Target
Ministry of Interior	Eastern Region	Saudi Arabia	In Process	4 Months Target
Ministry of Interior	Riyadh	Saudi Arabia	In Process	3 Months Target
Ministry of Housing	Buriyadh	Saudi Arabia	Completed in 2014	3.5 Months
Ministry of Housing	Taif	Saudi Arabia	Completed in 2014	3 Months
Ministry of Housing	Hail	Saudi Arabia	In Process	3 Months Target



GRATING PROJECT

<i>End User</i>	<i>Project</i>	<i>Country</i>	<i>Status</i>	<i>Project Completion</i>
Saudi Aramco	ARAMCO-KHURSANIYAH Gas and oil Separation Plant - Saudi Arabia	Saudi Arabia	Completed in 2013	6 Months
SABIC	SABIC-SHAQ Petrochemical Project - Jubail- Saudi Arabia	Saudi Arabia	Completed in 2013	3 Monts
RAS GAS	RASGAS - ONSHORE (QATAR) Expansion Project Phase 2	Qatar	Completed in 2014	9 Months
Sahara Petroleum	[Train 6 & 7 EPC] - Qatar	Saudi Arabia	Completed in 2013	3 Months
Ece Petrol	Sahraa - Waha Petrochemical Project - Jubail - Saudi Arabia	Saudi Arabia	Completed in 2013	1.5 Months
Sabic - Saudi Kayan	Ecopetrol-Coloumbia Proyecto - Colombia	Saudi Arabia	Completed in 2014	5 Months
Saudi Aramco	ARAMCO - KJO Offshore Gas Facilities - Saudi Arabia	Saudi Arabia	Completed in 2014	3 Months
Saudi Aramco	ARAMCO-MANIFA Project	Saudi Arabia	Completed in 2014	7 Months
Saudi Aramco	ARAMCO-Jubail Export Refinery	Saudi Arabia	Completed in 2014	4 Months
Saudi Aramco	ARAMCO-Jubail Export Refinery	Saudi Arabia	Completed in 2014	4 Months
Saudi Aramco	ARAMCO-Jubail Export Refinery	Saudi Arabia	Completed in 2014	2 Months
	ARAMCO-Jubail Export Refinery Package 2A			

STRUCTURAL STEEL PROJECT

Saudi Aramco	ARAMCO-KHURAIIS Gas and Condensate Processing Project - Saudi Arabia	Saudi Arabia	Completed in 2014	5 Months
Saudi Aramco	ARAMCO-KARAN Gas Facilities	Saudi Arabia	Completed in 2014	7 Months
Saudi Aramco	ARAMCO-Jubail Export Refinery Package 2A	Saudi Arabia	Completed in 2014	5 Months
Saudi Aramco	Abu Dhabi Polymer Company- Borouge 3	Saudi Arabia	Completed in 2014	3 Months

QUALITY CONTROL

USG aims to enhance customer satisfaction by adapting Quality Management System. Testament to our improvement is the high performance of our process, products and service. We carry out frequent quality checks in our day-to-day operations and comply with stringent standards set by internationally acclaimed agencies.

SAFETY MANAGEMENT

USG ensures maximum safety in the entire manufacturing process and provides a pleasant and healthy work environment. We also strive to create a pollution free environment by reducing waste and optimizing the use of natural resources.



