



**AGE**  
**STEEL**

**FOR SUPPLIES & STEEL FABRICATION**



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# Introduction

AGE STEEL FOR SUPPLIES is the kingdom's leading supplier stockiest of specialty and commodity components and equipments. The market segments' that targeted by AGE STEEL FOR SUPPLIES include Oil and Gas, Petrochemicals , Water and Waste water Plants , Industrial Utilities ,Electrical and Instrumentation.

Headquartered in Dammam , AGE STEEL FOR SUPPLIES have a worldwide sourcing database and can provide competitive proposals for a normal maintenance and complete project requirements.

Our dedication to investing in human resources, gave us the staff that comprises highly qualified and trained professionals who make sure that the quality of our products is more than satisfactory. It is our constant endeavor to achieve total customer satisfaction by offering competitively priced systems along with technical support during design and installations.

AGE STEEL FOR SUPPLIES is successfully active in major industry projects such as:

- Chemical & Petrochemical Plants
- Industrial and Power Plants
- Residential projects
- Agricultural and Irrigations
- Desalination Plants
- Military requirements
- Communications
- Sewage Pumping stations

## Specialization

AGE STEEL FOR SUPPLIES EST., located Dallah Industrial Area – Dammam, Kingdom of Saudi Arabia was established on 2009 as a result of the study conducted by a group of experienced industrialists & professionals at various levels ( Engineering , Manufacturing , Sales and Management ), Who are forward thinking and had the Business foresight due to the steadily increasing progress of the industrialization process in the middle East, Particularly in Saudi Arabia .

**AGE STEEL FOR SUPPLIES was established to supply state-of-the-art fabricated structural steel structures in the industry.**

AGE STEEL is equipped with the latest design and detailing software to ensure the accuracy of its engineering personnel's output in addition to the expertise of its current employees. Our plant has all the available machines and equipments, which is of great help in fabricating steel structures in the soonest possible time.

AGE STEEL is able to design and fabricate different types of steel structures such as buildings, warehouses, pipe racks, pipe/cable bridges, platform, equipment support and others which can be used for commercial, industrial, petro-chemical and any other purposes. We can also do different types of miscellaneous steel to compliment our main structures such as ladders, staircases, caged ladders, handrail and others. To complete the whole structure, we can also supply different types of flooring system such as grating, decking, chequered plates and other types as long as it is made of steel.



## Commitment

AGE STEEL FOR SUPPLIES commitment to accept industry standards as the corner stone of its market sector made it to be a unique position with the use of the latest technology.

## Strategy

**CUSTOMER SATISFACTION** is the top priority of for AGE STEEL FOR SUPPLIES. The focus on high performance products gives us market leadership with a reputation of unrivalled support services.

The extensive industrial and commercial experience is brought into practice while discussing the customer's needs enabling correct and accurate advice on the optimum use of the offered products.



## The Future

AGE STEEL FOR SUPPLIES sales mission is to serve its customers by fulfilling their needs and ensuring on-time target delivery of required materials. In the foreseeable future this mission will be interpreted as a mandate to build market support for the clients.

AGE STEEL FOR SUPPLIES marketing program is advertising, public relations, direct mail and other areas contributing to increase market awareness and achieving steady and furthermore growing sales targets on which the company can capitalize for its growth and future.

## Material Sourcing Skills

AGE STEEL FOR SUPPLIES has achieved its goal of being the best supplied by including world class manufacturers in our stock list. Our list of supplier include reputed international names with unique abilities in terms of product range , technical specialization and approvals with major end users. They have along team supply history of being reliable partners to our business.

In order to meet the demands of a diverse market and maintained a competitive edge .

AGE STEEL FOR SUPPLIES has set up a specialized procurement department equipped with a team of purchasers who perform the task of sourcing the right material as per client requirements. They are adept at meeting stringent customer specifications and honouring the delivery schedules.







## SCOPE OF OPERATION

AGE STEEL FOR SUPPLIES has a capacity of over 500 tons per month for the design, fabrication and supply of various steel structures. Our state-of-the-art factory is situated across a total area of 2,000 square meters in Dallah Industrial City, Jubail Dammam Highway with yearly capacity of 6,000 MT.

AGE STEEL FOR SUPPLIES has a long and proud record of project accomplishment in the GCC and around the globe. Our list of clients includes Saudi Aramco, Sabic Petrochemicals, Maaden and other major EPC contractors around the world.

A. Fabrication area consists of equipments for manufacturing Hot- rolled sections into structures such as frames, girders, strut beams etc. This area has overhead cranes.

B. Secondary area consists of equipment for manufacturing of connection plates, clips, etc. This area too has overhead cranes.

C. Abrasive blast cleaning and painting area for preparation and application of required protective coating.

D. Maintenance area consists of general purpose machine tools for manufacturing of in-house requirements of dies, punches, discs, etc.

E. Warehouse is utilized for storage of accessories, hardware, fasteners etc.



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# PRODUCTS AND SERVICES

AGE STEEL FOR SUPPLIES provides complete design, connection design, erection, drawing, detailing, fabrication, surface treatment, supply and delivery of structural steel, including:

- Pipe racks
- Equipment structures
- Derrick (flare) structure
- Platforms
- Steel buildings and shelters
- Commercial building structure
- High-rise building structure
- Boiler structure
- Sports stadium structure
- Miscellaneous steel structure
- Design and Engineering

All products fabricated and integrated in our work are supported by our own engineering department, which is equipped with latest software and hardware (Tekla X-steel, STAAD Pro and StruCAD 3-D).

Our Engineers are conversant with all engineering standards as per Aramco standards, Sabic standards, AISC, ASTM, JIS, DIN, BSS and other international standards. All our facilities are equipped with state-of-the-art equipment and machinery and operated by highly skilled manpower. All CNC machines are directly linked to engineering to download the required NC files that shall be used to process all the required activities.



# FABRICATION

For manufacturing of Hot-rolled sections into structures such as Frames, Girders, Beams and Miscellaneous Structural items. This area has overhead cranes, drilling machines, gas cutting equipments, shearing machines and working tables/jigs.



# MACHINES Details & Pictures :

- |  |         |
|--|---------|
| 1. Hydraulic Shearing Machine 3.2 Mtr /Cutting Up to 10 mm Thickness ( China 2016 Brand New )      | Qty: 1  |
| 2. Hydraulic Shearing Machine 2.5 /Cutting Up to 6 mm Thickness ( JAPAN 2016 Brand New ) Brand AAA | Qty: 1  |
| 3. Milling / Drilling Machine 45 mm  | Qty: 1  |
| 4. Milling / RADIAL Drilling Machine 50 mm   | Qty: 1  |
| 5. Welding Machines AC/DC / Mig  | Qty: 10 |
| 6. Welding Machines AC (ARC )  | Qty: 20 |
| 7. Fiber cutting machine Heavy duty type   | Qty: 3  |
| 8. Air Compressor 500 Liters With all accessories ( 1 Head )                                       | Qty: 1  |
| 9. Air Compressor 500 Liters With all accessories ( 2 Head )                                       | Qty: 2  |
| 10. Forklift 3 Ton (Used) 2013 Dosan   | Qty: 2  |
| 11. Tools /Grinders / Cutters / Drills /Etc,,, (Bosch Type or any brands)                          | Qty: 1  |
| 12. Oxyfuel gas Cutting Machine ( Victor) Wirh 2 Rails 1.7 Mtr Each                                | Qty: 2  |
| 13. Hydraulic press Machine (New ) 300 Ton   | Qty: 1  |
| 14. Press Machine Exentric Type 40 Ton   | Qty: 4  |



# MACHINES Details & Pictures :

- 15. Press Machine Exentric Type 60 Ton
- 16. CNC PLASMA CUTTING MACHINE ( 3.5 Meter W x 14 Meter Long )  
Cutting Capcity Up To 32 mm Thick ( Powermax125 / Hypertherm ) Model : 2016
- 17. CNC PLASMA CUTTING MACHINE ( 2.5 Meter W x 9 Meter Long )  
Cutting Capcity Up To 28 mm Thick ( Powermax105 / Hypertherm ) Model : 2014
- 18. CNC PLASMA CUTTING MACHINE ( 3.5 Meter W x 3 Meter Long )  
Cutting Capcity Up To 28 mm Thick ( Powermax105 / Hypertherm ) Model : 2017
- 19. Magnatic Drill Machines
- 20. IRON WORKER 90 Ton
- 21. Notching Machine ( JAPAN )
- 22. Hydraulic press brake AMADA Size : 1.3 Mtr x 4 mm Thick
- 23. Hydraulic press brake AMADA Size : 3.2 Mtr x 10 mm Thick
- 24. Cs Rolling Machines 1 Meter W x 2 mm Thick / Manual
- 25. Truck 4 Meter ( 5 Ton ) 2009
- 26. Pick Up



Qty: 1

Qty: 2

Qty: 1

Qty: 1

Qty: 9

Qty: 1

Qty: 1

Qty: 1

Qty: 1

Qty: 1

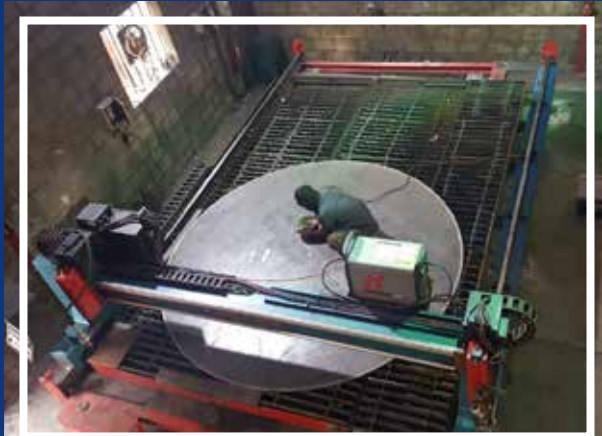
Qty: 2

Qty: 2



# CNC PLASMA CUTTING MACHINE

- a. Cutting Area 2000mm W x 9000mm Long
- b. Cutting Capacity 32 mm Cutting Via Plasma , 80mm Cutting Thickness Ex-fule
- c. Operating System Auto CAD ( SOFTCAM)



## Trench Boxes & Piling

Trench Boxes are different from shoring because, instead of shoring up or otherwise supporting the trench face, they are intended primarily to protect workers from cave-ins and similar incidents.

The excavated area between the outside of the trench box and the face of the trench should be as small as possible. The space between the trench boxes and the excavation side are backfilled to prevent lateral movement of the box.

Shields may not be subjected to loads exceeding those which the system was designed to withstand.

Available Sizes :

1. 4 Mtr H x 3 Mtr W / With Double Adjustable Jack up to 2 Mtr ( Painted by CAT Yellow Color)
2. 4 Mtr H x 2.44 Mtr W / With Double Adjustable Jack up to 2 Mtr ( Painted by CAT Yellow Color)
3. 3 Mtr H x 2.44 Mtr W / With Double Adjustable Jack up to 2 Mtr ( Painted by CAT Yellow Color)



# STANDARDS & FINISHES



## WELDING

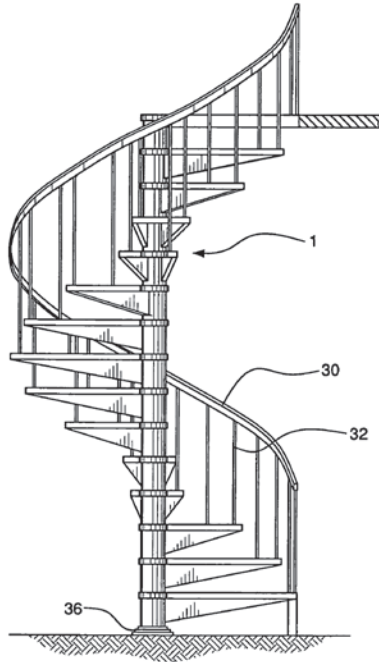
AGE STEEL Welding works using FCAW and SMAW processes are based on the structural Welding Code of the American Welding Society and the Specification of the American Institute of Steel Construction.

All welders employed by AGE STEEL were qualified by Independent Testing Agency – Al Hoty Stanger Ltd. Co. by performing the prescribed test as per AWS D1.1.

In addition, daily workmanship of all welders are being monitored and evaluated every 6 days consecutive working period as required by the AGE STEEL Quality Control Manual.

Welding Process : FCAW  
Electrode Specification : AWS A5.20  
Electrode Classification : E71T-1  
Welding Process : SMAW  
Electrode Specification : AWS A5.1  
Electrode Classification : E7018





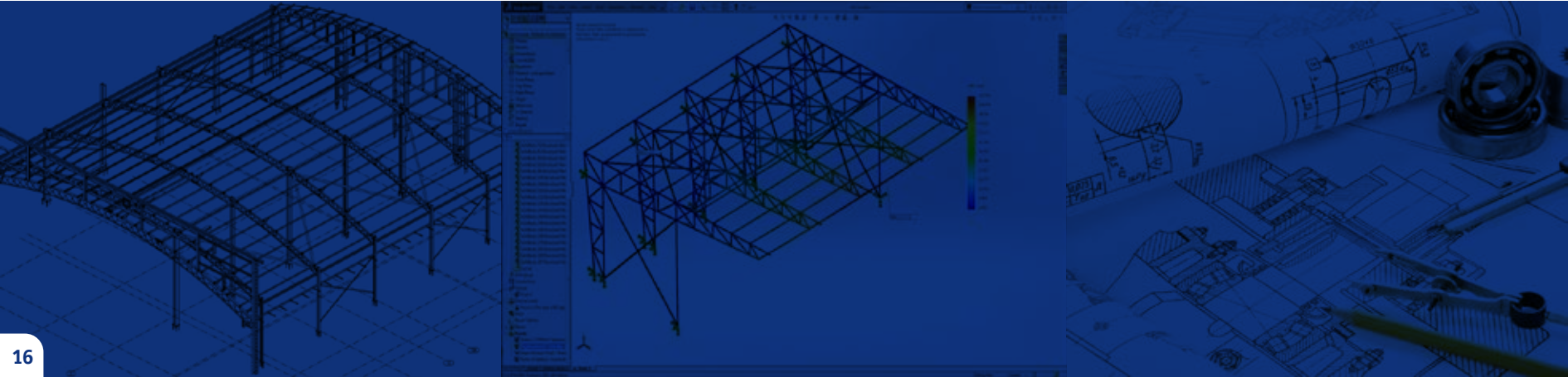
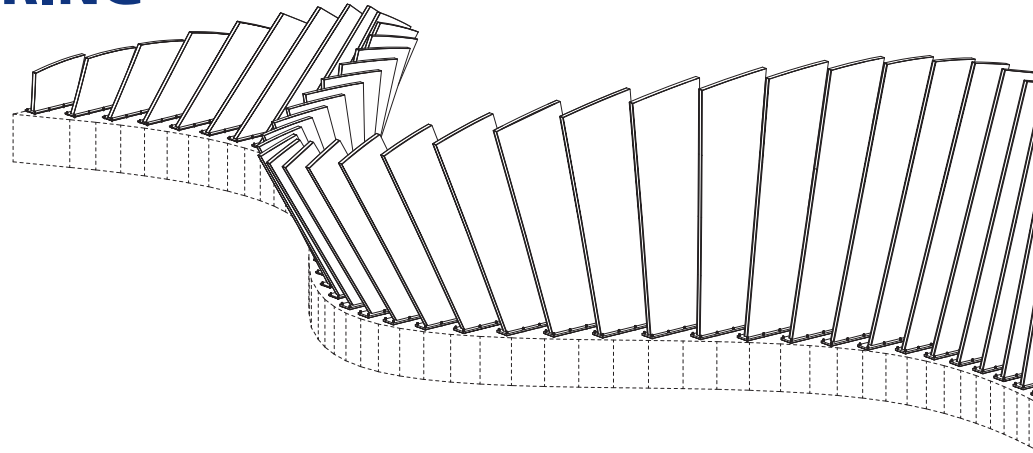
## STAINLESS STEEL FABRICATION

While the equipment we have is specialized and unique, the thing that sets us apart is the talent and experience of our staff. Not only is stainless steel expensive, the physical characteristics of the metal leads to significant expansion and distortion when welding. It's notoriously difficult to achieve warp-free, dimensionally accurate results that meet the aesthetic requirements of your projects. Making it especially challenging is some of the lighter gauges that are specified, which our welders and finishers execute beautifully.



# METAL WORKS ENGINEERING

Our Engineering capability is supported by a consultant who is based overseas. AGE Steel System Philippines is fully equipped with the latest Design and Detailing Software such as TEKLA STRUCTURES 11.0 – for 3D Detailing and GT STRUDLL Software for Design and AUTOCAD SOFTWARE – for 2D Details. Age Steel System has 3 Design Engineers.



# CODES / STANDARDS USED FOR DESIGN AND FABRICATION

AISC – American Institute of Steel Construction  
MBMA – Metal Building Manufacturers Association  
AISI – American Iron and Steel Institute  
AWS – American Welding Society (D1.1)  
UBC – Uniform Building Code  
Aramco Standards  
Royal Commission Standards, etc.



AGE STEEL FOR METAL WORKS & SUPPLYING ensure that all the materials used during the fabrications and finishing shall comply and meet the following standards:

Mild Steel Sheet (M.S.)

GB : BS 1449 Sec 1.1 to 1.15 (formerly BS 1449 Part 1)

USA : ASTM A36 – A569

EEC : EN10025

KSA : SABIC

Mill Galvanized (GI)

GB : BS2989/GC Z 275 Zinc Coating

USA : ASTM A525 / G90

EEC : EN 10 – 142

KSA : SABIC / ISO 3575

# GALVANIZATION SERVICES

In this process, fabricated products is thoroughly cleaned and fluxed by dipping it in acoustc acid bath. Then it will cleanse and dipped in molten Zinc bath.

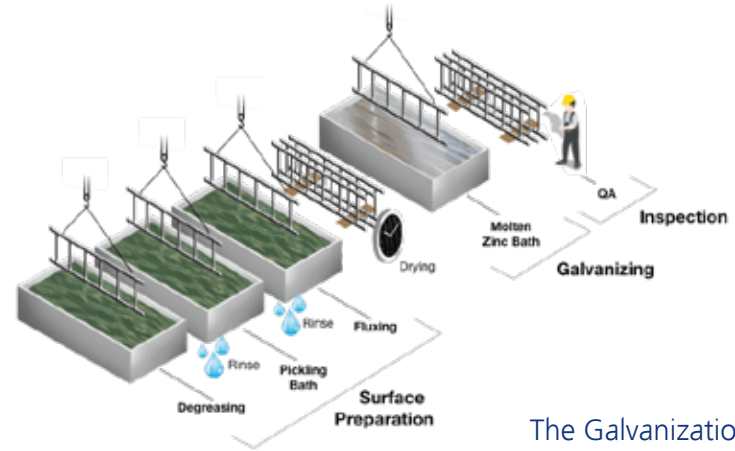
In the entire fabricated product, Zinc deposition will be around 45 to 60 microns.

Hot – Dip Galvanized After Fabrication (HDGAF)

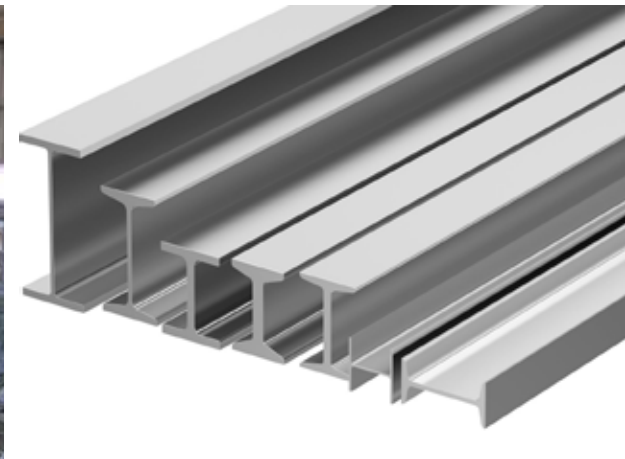
GB : BS 729

USA : ASTM 123 A 286 / NEMA VE 1

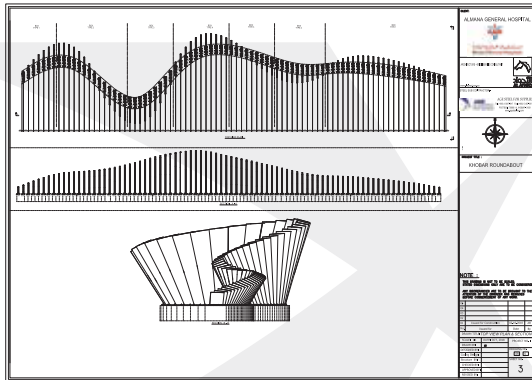
International: EN ISO 1461



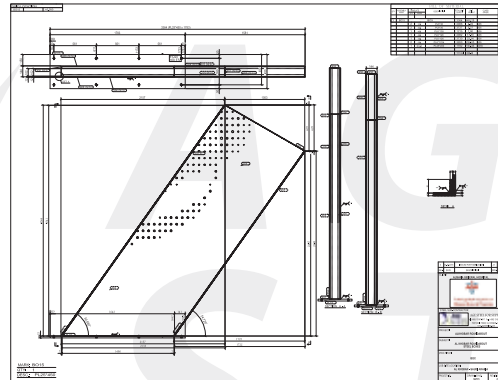
The Galvanization Process



# Project Sample - The Vision Roundabout



Technical Drawings



Production & Installations



Final Views

# Quality Control Policy

Quality comes as a Standard. AGE STEEL FOR METAL WORKS is committed to meet international quality standard as well as any local or regional codes and be among the top manufacturer of Structural Steel Frames, Girders, Structural Beams and miscellaneous steel structures in the local and international markets. In the regional perspective, our mission is to provide and develop products and services to meet the needs and expectations of our customers relative to the maxims "Fitness for Purpose"; "Safe in Use" and the "Value for Money" Philosophy. Our AGE STEEL Quality Control function is to develop and implement an integrated sequence or specific control on quality relative to materials, process and product based on quality aspects of industry specifications and customer requirements, design specifications and manufacturing process requirements to assure a timely shipment of products with proper quality at relatively minimum costs.

Part of AGE Quality Assurance program for Dolphin Power Project after blast cleaning of Structural Steel Members, the degree of cleanliness, surface profile and salt contamination tests are conducted to determine compliance with specified

client requirements. AGE STEEL Quality Control Inspector conducting Profile Test at the newly blasted structural Items Painting Specialist from Client conducting Chloride Contamination Test.

Quality Control Paint Inspector at AGE STEEL carefully inspects the painted items for the required DFT and surface appearance. Rigid Quality Assurance/Control procedures are maintained and implemented to the highest level of standard. This is in order to ensure that the product quality and services will meet the stringent requirements of our customers and their specifications. As we try to position ourselves at the very heart of the Gulf's Steel Industry, it will serve its purpose in leading us to the right direction, business-wise, on one hand and the development and management of our human-resource on the other.

We have set-out our corporate visions, goals and objectives, and in order to build and achieve them in optimum time, will require that each and every individual associated with the company to possess work quality of the highest possible standard. It is our aim to be experienced in our field of

expertise, showing flexibility, innovation and possessing a positive approach to all our undertakings.

Our products are of several market leaders and well-known manufacturers around the world, where the quality is rigidly controlled in accordance with all appliances codes, standards and rules demanded by any project. We strictly abide by the quality with our utmost efforts in order to meet various customers' requirements.

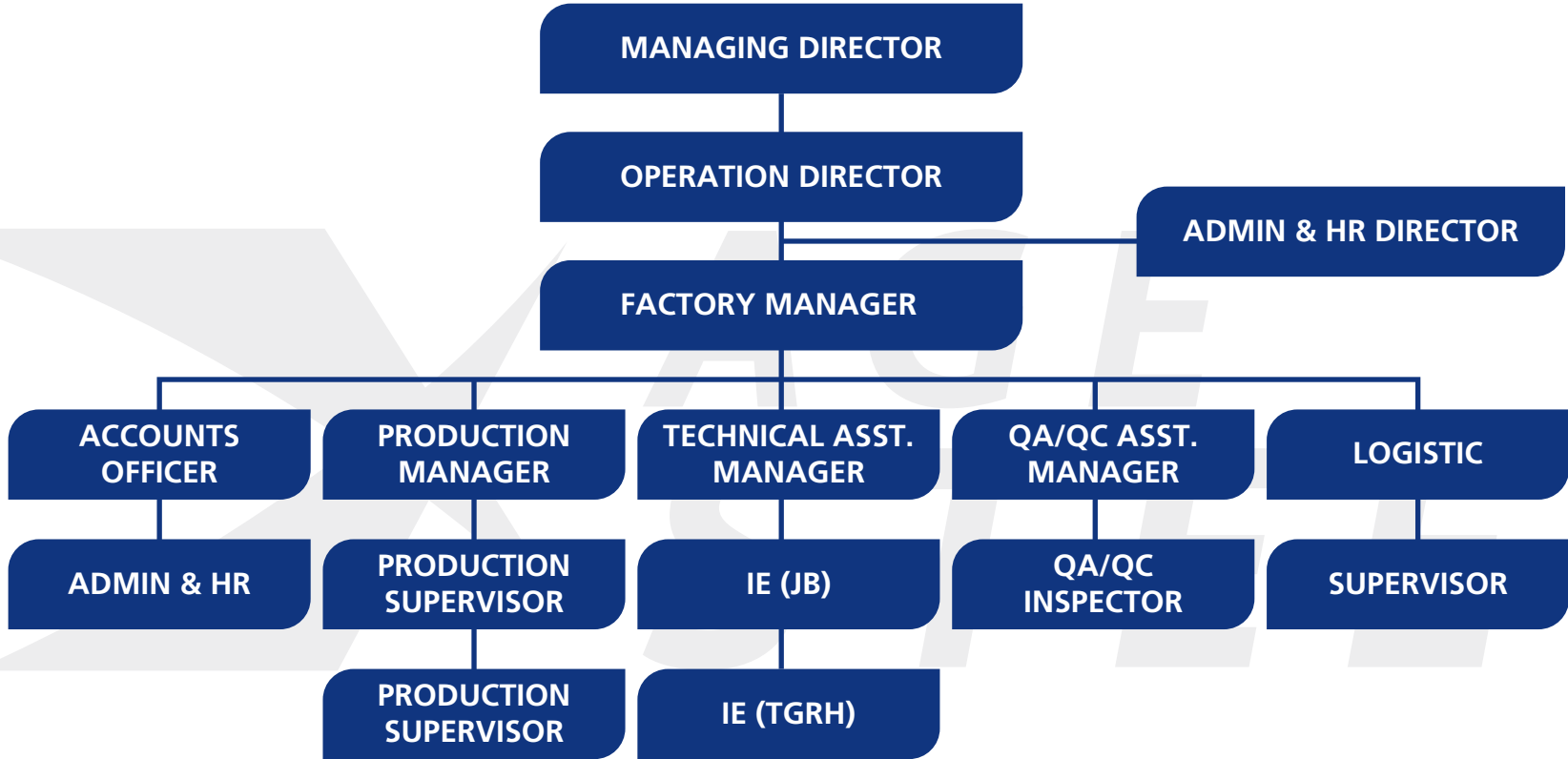
We achieve customer satisfaction by recognizing that quality is everyone's direct responsibility, because we are committed in providing the Highest Quality Works and Services, especially On Time Delivery to our customers in the most competitive way. This is of fundamental importance to the continued success of AGE STEEL FOR METAL WORKS & SUPPLYING. This is achieved through the efforts of each employee taking responsibility for the quality of their work and by them expecting the same high quality work from our suppliers and each other...

All employees through their various skills and expertise are

expected to pursue and be continually involved in quality improvements to internal processes. These objectives are supported by educating and training employees to ensure that they are aware of their contribution to, and the aims of, quality improvement. The work force is also encouraged continually through in-house training programs to create and maintain quality awareness culture throughout all the phases of the work at all the times. The manual forms a basis for quality control practice to the staff of AGE STEEL FOR SUPPLYING



# ORGANIZATION CHART



FOR SUPPLIES & STEEL FABRICATION



# CLIENTS



# ISO CERTIFICATION



# LOCATION



مركز الحديد للتوريدات  
AGE STEEL

# GET IN TOUCH

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