



Al-Arabi Factory for Steel Works (ASF) is a structural steel building and miscellaneous steel structure manufacturer with complete manufacturing facility. The manufacturing facility along with the head office departments comprise of Sales, Finance, Personnel, Engineering, Drafting, Plant Maintenance, Quality Control, Procurement, Production Control, and Shipping Departments.



AL ARABI FACTORY FOR STEEL WORKS

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المصنع العربي لأعمال الحديدية AL ARABI FACTORY FOR STEEL WORKS



“Fit for Purpose”

“Safe in Use”

“Value for Money”



Structural Steel Design and Fabrication

MISSION STATEMENT

Al-Arabi Factory for Steel Works has one aim; Excellence in All We Do

Al Arabi Factory for Steel Works is committed to meet international quality standard as well as any local or regional codes and be among the top major manufacturers of Structural Steel Frames, Girders, Structural Beams and miscellaneous steel structures in the local and international market. 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 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 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.

Al Arabi Factory for Steel Works is forging ahead to serve its purpose i.e. to be productive, a pillar and a contributing factor to the growth and resiliency of the gulf’s highly competitive steel industry. This, in essence, is our company tenet, driving principle and belief.

COMPANY RATIONALE

The idea of establishing **ASF** was the result of a study conducted by a Group of experienced industrialists and professionals at various levels (Engineering, Manufacturing, Sales and Management) who had the futuristic foresights due to the steadily increasing progress in the industrialization process in the Middle East, particularly in Saudi Arabia. They believed that, to augment the need for providing engineering services, a company manned by professionals shall be established for the purpose of providing diversified services particularly on steel structures. This company will cater the needs for the design, detailing and fabrication of almost all imaginable structural steel structures.

The company was established to supply state-of-the-art fabricated structural steel structures in the industry. ASF 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 the soonest possible time. In addition to our engineering and machines capability, the company is also maintaining a Quality Assurance Program to avoid production errors and to ensure the quality of its delivered products.

ASF is able to design and fabricate different types of steel structures such as buildings, warehouses, pipe racks, pipe 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, handrails and others. To complete the whole structure, we can also supply different types of flooring system such as grating, decking, checkered plates and other types as long as it is made of steel. Our company is very flexible in providing the needs of our different clients. We can do the design, fabrication and supply of steel structures and in cases where our clients already have their design, we can still help by just providing them our fabrication and supply of their steel structures.

SCOPE OF OPERATION

ASF manufacturing facility has a total land area of 15,000 square meters of which 9,600 square meters are utilized for production. It has been divided into area based on product lines:

Abrasive Blast Cleaning and painting Area consists of equipments for surface preparation and application of the required protective coating

Fabrication area consists of equipments for manufacturing hot-rolled sections into structures such as frames, girders, strut beams, etc.,

Secondary area consists of equipments for manufacturing of connection plates, clips, etc.,



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.



WELDING



ASF 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.

ASF Welders were qualified by Independent Testing Agency – Al-Hoty Stanger Ltd. Co. by performing the required qualification test as per AWS D1.1.

In addition to welders qualification, daily workmanship of all welders are being monitored and then evaluated every 6 consecutive days working period as required by ASF Quality Control Manual

QUALITY CONTROL



ASF Quality Control function is to develop and implement an integrated sequence or specific controls on quality relative to materials, process and product based on quality aspects of industry specification and customer requirements, design specifications and manufacturing process requirements to assure timely shipment of product with proper quality at relatively minimum cost. Hence, customer satisfaction.



ASF Quality Control inspection activities during in-process and final manufacturing stage include dimensional, welding, degree of cleanliness, surface profile, chloride contamination, pull-off test and in-house NDT (UT, MT and PT) to determine compliance with ASF Quality and the specified client requirements.

DELIVERIES

Finished structural and miscellaneous steel items properly packed and loaded onto trucks or in sea-going containers utilizing the standard packaging and loading method.

PROJECTS

ASF has undertaken fabrication of complex structural steel for Power and Water projects, Gas and Petro-chemical plants, Commercial and Residential buildings and Miscellaneous Steel Structures.

