Industrial Maintenance Services

Inrma Steel is one of the market leaders in custom-built process equipment fabrication and specialized industrial maintenance services such as: equipment installation, mechanical repairs, preventive and corrective maintenance, turnaround and shutdown services.

Inrma Steel is a wholly owned subsidiary of Khalid Al Alburki & Sons (Alburki), a leading investment and development company that has been operating in Saudi Arabia since 1975. It’s subsidiaries and joint-venture companies are focused on construction and infrastructure, building material, real-estate, oil field services, renewable energy, information and communication technologies, and general industrial sectors in Saudi Arabia and the neighboring Arab countries.

Inrma Steel has ISO 9001:2008 accreditation, ASME accreditation and the National Board authorization for repairs and alterations using “R” Stamp.

The company also has advanced welding expertise and is staffed with highly qualified and experienced personnel at all levels. The specialized plant turnaround, shutdown and maintenance services offered by Inrma Steel include:

**Columns, Reactor and Vessels**
- Cleaning
- Revamping
- Modifying
- Repairing
- Replacing trays/Internals
- Welding overlay

**Heat Exchangers**
- Re-tubing
- Tube expanding and welding
- Plugging
- Bundle extracting and re-inserting
- Internal and external cleaning components using automated equipment
- Tube cutting and pullout
- Tube sheet replacement
- Tube bundle cleaning

**General Services**
- Heat treatment, hydrotest, NDT and boroscopy
- Weld overlay of flange faces and in-situ machinery
- Thickness restoration
- Hydraulic tension/torquing/blind and de-blind
- Open/check/repair/clean up of systems and equipment
- High-pressure water jet, and seal leaks repair
- Reactor header inspection and repair
- Furnace, reformer and BF/PA heater repair
- High-pressure pipings, connections and repair
- Expansion bellows repair and replacement
- Equipment erection and installation

**Maintenance Services**
- Short and long term contract services
- Fired equipment, piping and process equipment
- Insulation, fire-proofing, scaffolding, blasting, painting and lining

Through the highly experienced project management team, Inrma Steel have efficiently and successfully executed several turnaround and shutdown projects at major semi-government companies and other industries with Zero LTI and appreciated quality. Innovative ideas for problem solving and the ability to deliver are the key strengths of Inrma Steel.

Custom-Built Process Equipment Fabrication

Inrma Steel is an ISO and ASME accredited company, manufacturing a wide range of process equipment required for oil and gas refineries, petrochemical/ fertilizer/power/water and desalination plants as well as other industrial sectors.

Inrma Steel’s manufacturing product range includes (but is not limited to):
- Custom-built process equipment: pressure vessels, columns, towers, reactors, heat exchangers, silencers, cyclones, flare stacks, tips and tanks (in different metallurgies and thicknesses)
- Skid-mounted process systems and modules
- Metallic pipe spools of different metallurgies (any size and thickness)
- Pipe forming by plate rolling (in different metallurgies up to 150 mm thickness/40.64 cm and above in 30 m sections)
- Pipe repair components, spectacle plate and blinds: (any size, rating and/or material)

Inrma Steel has extensive experience in the fabrication of:
- Carbon steel, low temp. steel, low alloy steel, austenitic/duplex stainless steel, clad steel, high nickel alloys (niccoloy, hastelloy etc.) and other exotic materials.

The manufacturing facility has state-of-the-art machinery for:
- profile cutting, rolling/forming (up to 150 mm thick with 3.0 m plate width), welding, and is manned by a team of dedicated and committed multi-skilled welders, engineers and management staff.

In-House expertise and facilities are available to carry-out mechanical designs to meet the requirements of international codes and standards such as: ASME, PD 6500, SS, AD Merkblatter, JIS, TEMA, and API Quality and assurance. The Quality Control Department is staffed with professionally qualified and experienced engineers, most of them holding NDT Level II and certified welding inspector’s qualifications.

**Quality, Health, Safety and Environment**

QHSE is a core value at Inrma Steel. The Company is committed to maintaining high standards of QHSE, and the utmost importance is given to healthy, safe and environment-friendly working practices. Being an ISO9001:2008 certified Company, Inrma Steel employees always strive to deliver the best and exceed expectations. Inrma Steel has ASME authorization to construct “U” and “U2” Stamp pressure vessels, “S” Stamp power boilers, “P” Stamp pressure piping and to perform repairs in pressure equipment using NationalBoard “R” Stamp.

Continued client satisfaction and confidence define Inrma Steel’s success.