



JUTASAMA



TRUST IN **SUSTAINABILITY**

Welcome Message

Since inception in 1983, Jutasama has focused on continuous improvement of its working & system processes and has since become the preferred plant engineering OEM for many of our global & local clientele.

Jutasama have applied and will continuously put in our best effort in total quality management with the aim to meet and exceed our clients' expectation in terms of product quality, delivery time & price.

We believe these commitments are vital to total customer's satisfaction. We welcome enquiries from all valued customers and look forward to provide our services.

Thank you for the interest in our company.



Our Vision

To be a leading Process Equipment & Energy Solution Provider of choice

Our Mission

To be a sustainable organization through value creation and progressive growth.

To consistently satisfy the needs and reasonable expectation of our clients.

To continually improve and upgrade our working and system processes.

To be the competitive and reliable equipment provider of choice.

To respect nature and not to harm the environment.



Renewable Energy Group



About RE Group

Wah Seong Corporation's Renewable Energy Division is a leading process and power generation equipment provider with a strong track record servicing various industries across the world. We are committed to work with our partners to support and develop renewable energy technologies and initiatives as part of the global drive to create a sustainable future through the efficient use of renewable energy sources.

Headquartered in Shah Alam - Malaysia, our integrated manufacturing units are accredited with international quality certifications to complement our promise to provide high quality and competitive products and services. We are also supported by a wide network of regional sales and service offices across key markets to enable us to efficiently meet the needs and demands of our clients and partners

We have acquired and developing a waterfront fabrication facility around the vicinity of Westport, Klang, covering a total area of 110,000 m². As such, we have the capability to cater the fabrication of heavy equipment ultimately to serve our clients' requirements in all aspects.

Jutasama Sdn Bhd

Jutasama Sdn. Bhd. (Jutasama) is engaged in the design, fabrication, installation and commissioning of special tanks, pressure vessels, piping and specialised processing equipment required by the chemical industry, food processing plants and other engineering undertakings. The company is capable of fabricating products in accordance to major international codes or specifications in carbon steel, stainless steel, alloy and clad materials.

Our quality workmanship is well complemented by dedicated employees deep in pursuit of performance excellence, the adoption of the latest computer systems and use of advanced processing equipment to achieve uncompromising precision and top quality. To meet the growing demands of our existing and new clients, we have also invested heavily in the latest technology and operate from a 25,000 sq. meter covered factory equipped with the latest plant and equipment and a two hectares open yard for storage, backed up by designs carried out using the latest computer software.

The commitment to quality has earned the company many orders from national and multi-national companies. Jutasama also supply to international engineering companies who in turn export to regional countries like Middle East, Japan, China, Indonesia, India, Thailand, Singapore, Australia & etc.

Jutasama is an accredited ASME "S", "U" & "U2", ISO9001:2008 and OHSAS18001:2007 certification.

Mackenzie Industries Sdn. Bhd.

Mackenzie Industries Sdn. Bhd. (M) is engaged in the design, engineering and construction of boiler and energy system. The company is operated by a team of boiler engineers with more than 30 years' experience in the field.

MI is capable of design and engineered various industrial boiler energy systems, particular in the Biomass Fired Power Plant and Waste Heat Fired Boiler (HRSG).

MI's steam boiler is also used in palm oil industry, wood industry, food processing plant & etc

PMT Industries Sdn. Bhd.

PMT has a strong local & regional after-sales service team which can provide overhaul and servicing of steam turbines, generators and other rotating equipment.

PMT Industries S/B is the sole agent of SHINKO steam turbine from Japan. SHINKO steam turbine is the market leader in the ASEAN region especially for the Agro-Engineering Industry with a range of up to 40MW capacity.

The Integrated facility located in Shah Alam, Malaysia provides wide range of services, in which includes:-

- Precision balancing
- System alignment
- Thermal spray & erosion control
- Machining & milling of parts

PMT also supply the equipment, specialized parts & components for palm oil & agro - based industry with worldwide distribution network. As a long established player in the market, PMT provides project management & consultancy services. Accredited with ISO9001:2008 certification which operate from a fully equipped facilities in Malaysia and Indonesia.

Parent company - Wah Seong Corp Bhd

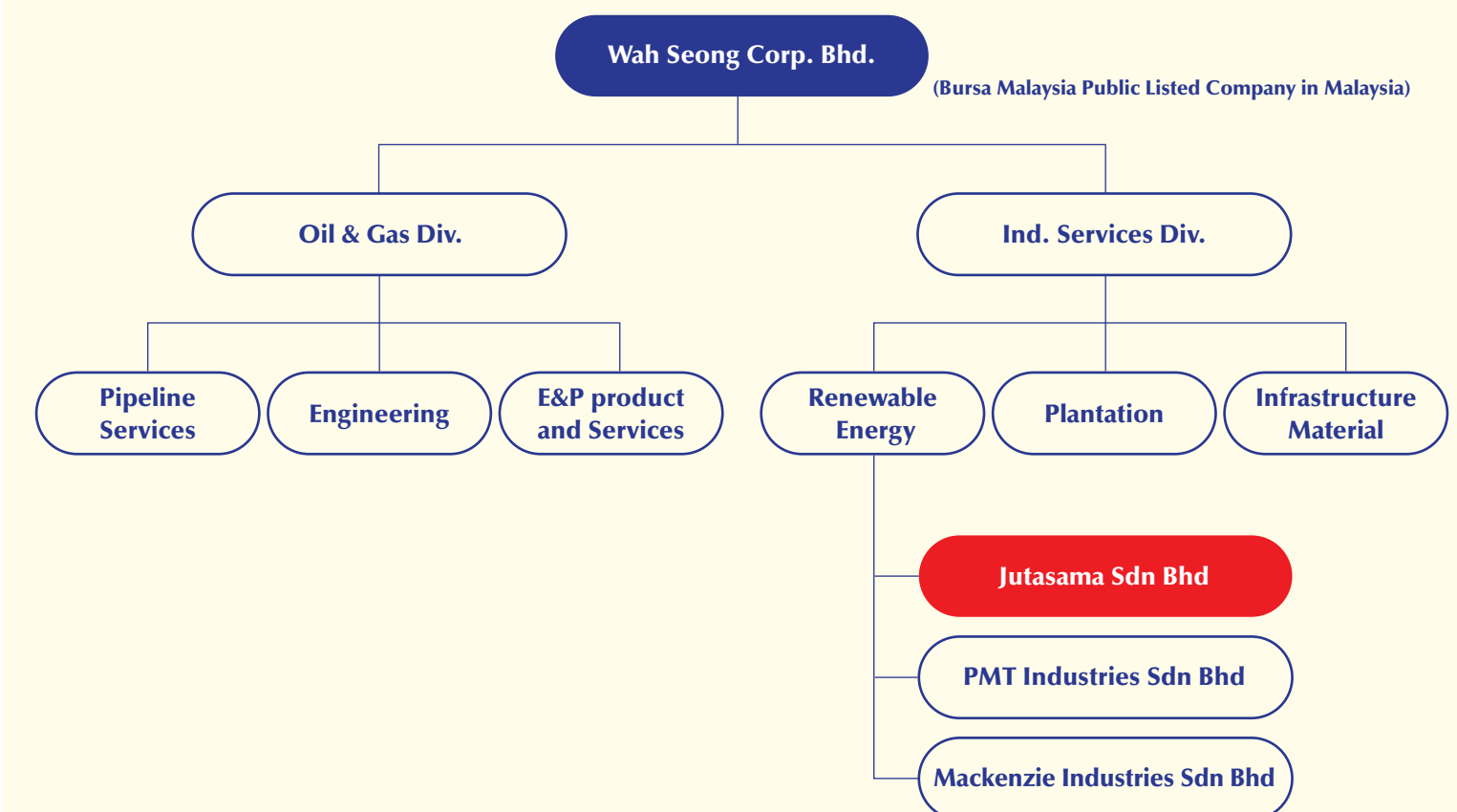
Wah Seong Corporation Berhad is an international oil & gas service group headquartered in Kuala Lumpur, Malaysia. WSCB is listed on the Main Board of Bursa Malaysia.

The Group, which was originally founded in 1994, has since its listing undergone a planned corporate transformation process that has brought it - through active internal growth and acquisitions - from being a mid-sized Malaysian enterprise to a major Asian oil & gas group with the largest part of its revenue earned overseas.

WSCB is the leading oil & gas pipe-coating group in Asia and provide through various subsidiaries other services in the upstream exploration and production sectors, such as:-

- EPC fabrication and rental of gas compression units
- Process equipment engineering and fabrication - JUTASAMA
- Pipeline engineering and construction
- Corrosion protection systems
- Services and supplies to the drilling industry
- Oil & gas related trading activities

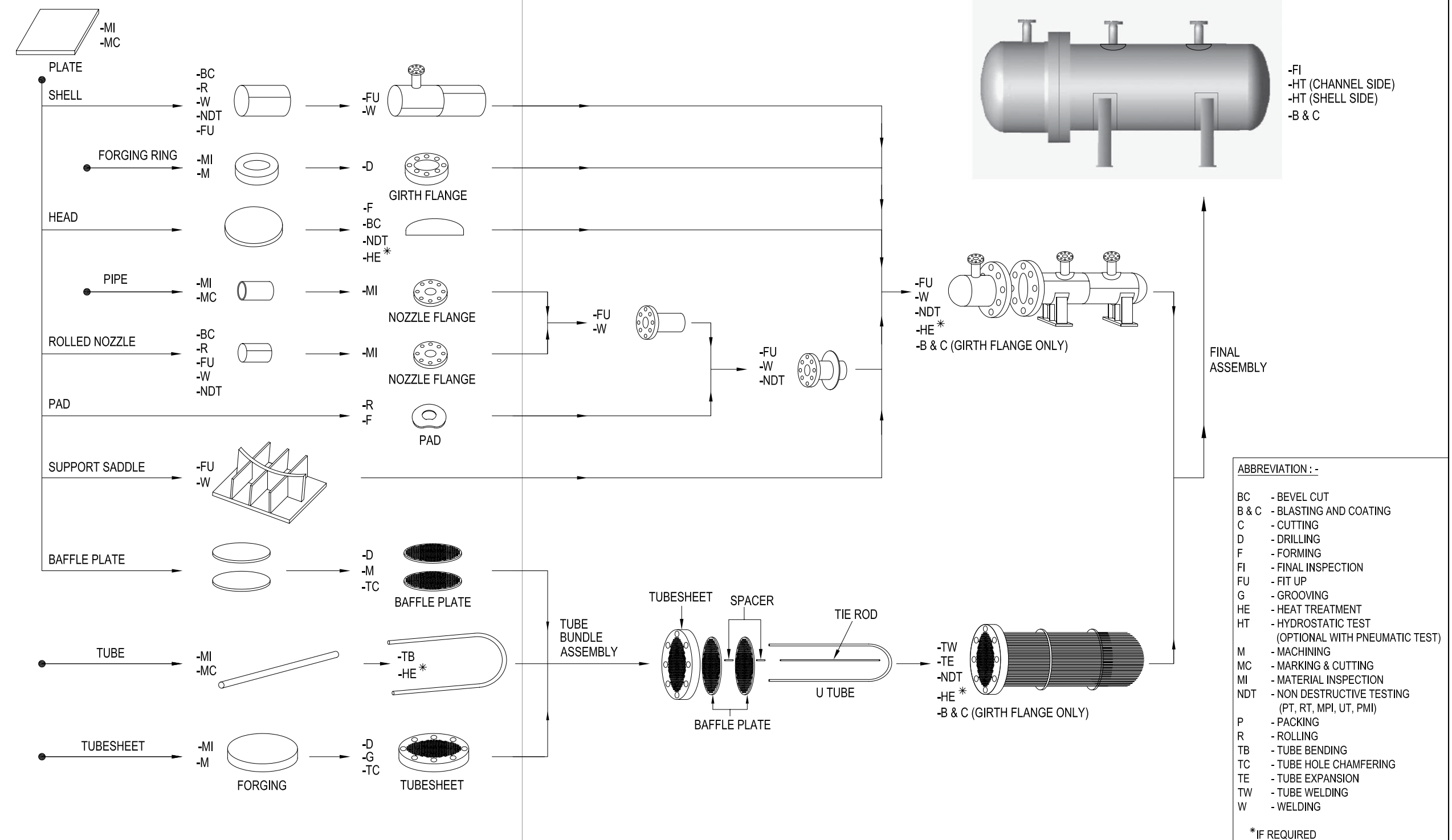
Corporate Structure



Product & Solutions

- Columns
- Drums
- Shell & Tube Exchangers
- Air Coolers
- HRSG & Boilers
- Modular Skid
- Tanks / Silos
- Mixing Vessels
- Piping Works

TYPICAL FABRICATION FLOW CHART (FOR S&T HEX)



Facilities & Equipment



Thick Wall Plate Rolling Machine



Water Front Facility (110,000m²)



Blasting Shop



120thk SS CNC Plasma Cutting Machine



PMI



Nozzle Overlay Machine



Circle Cutting Machine



Shah Alam Manufacturing Complex
25,000m² Covered Factory
66,000m² Land Area



Pipe Bender With Booster



300 Ton Turning Rotator



Plasma Keyhole Arc Welding Machine



Portable Bevelers For Maximum Mobility

Design & Engineering Software

Design Capability

Shell & Tube Heat Exchanger Process Sizing:
HTRI Xist

Design for pressure vessels (ASME, EN & PD5500):
PVElite & Codecal

Finite Element Analysis for bellows & nozzles/saddles:
Flanged & Flued and Nozzle-Pro

Pipe Stress Analysis software:
CAESAR II

Plant Design & Automatic Isometrics:
CADWorx-plant

Structural Analysis software:
StaadPro

Structural Connection Analysis:
RAM Connection

3D & 2D Drafting software:
Inventor 2014 & Autocad 2014

Quality, Safety and Health Certificate



National Board of USA for Pressure Vessel Since 1999



R-Certificate, Cert No.R-7474



ISO9001:2008 Cert No. 0403939



OHSAS18001:2007 Cert No 6016680



Manufacture License of Special Equipment, Cert No. TS2200757



S-certificate, Cert No. 31098



U-certificate, Cert No.31099



U2-Certificate, Cert No.33317

Process Equipment for Chemical Industry



5,400ID X 13,000L & 4,400ID X 44,000 L SS Columns Delivered to Port Klang



6.5ID Storage Tank



Column - 58m Length - AEC



2,500ID Heat Exchanger With 3,952 Nos x 27.20D Tube



Recycle Solvent Accumulator - 5500ID (138 tons)



High Pressure Blowdown Vessel 4000ID wt TSA Coating

Process Equipment for Oil & Gas Industry



Vertical WHRU with 355 P11 Heating Coil - P249 Sakhlia Project



Hydrocyclone Skid



Incinerator (SHDS) c/w Refractory



Gas Chiller for Petronas Turkmenistan OGT Project



Glycol Contactor Tower 145mm thk SS316L Clad



Thermal Reactor & Steam Drum (SHDS c/w Refractory) - JGC



4 Nos Duplex UNS31803 Tube Bundle for Petronas Angsi Offshore Project



Hp Separator 140mm thk SS316L clad



8mID (630 tons) LPG Bullet Tank



Gas Compression Skid

Process Equipment for Oleo-chemical



Long Column Using Booster Hydraulic Trailer



Hydrogeneration Reactor - 4mID x 85mm thk



Monel 400 Column With 6 Heating Leg



Hydrogeneration Interchanger - 4028nos of tube



Esterification Column - Total Length 42m



904L Column



SS317L Cladded Splitting Column



Final Heater

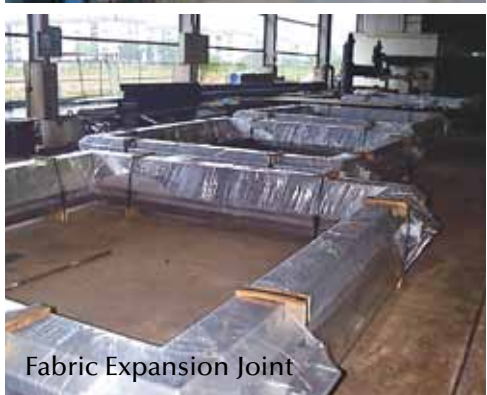
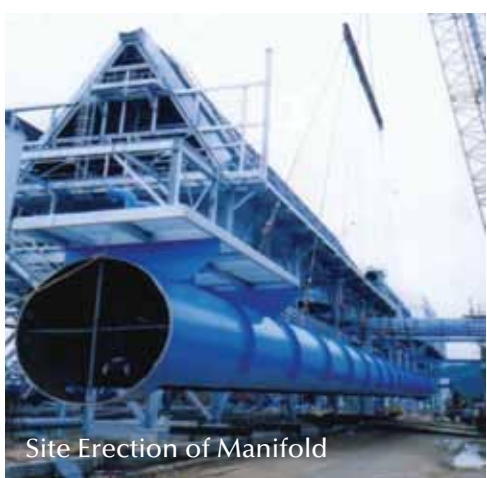


Site Installation of Columns & HEXs

Process Equipment for Petrochemical



Process Equipment for Power Generation



Process Equipment for Other Industries



Clientele





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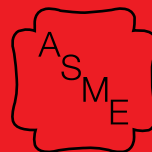
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OHSAS18001:2007
Cert No : 6016680



ISO9001:2008
Cert No : 0403939



'U' , 'U2' & 'S'