

ENGINEERING SERVICES PTY. LTD.

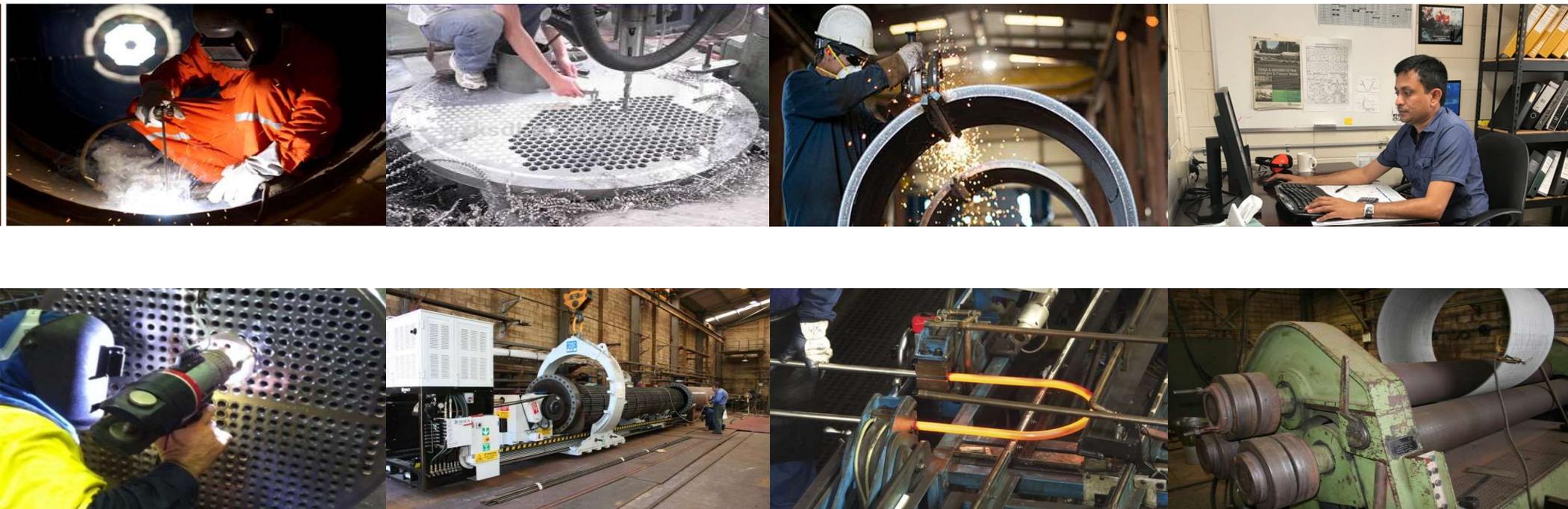
Designer & Manufacturer of Heat Exchanger & Pressure Vessel

BAIPINI ENGINEERING SERVICES PTY. LTD.

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HISTORY

Founded in Sydney in 1973 and based its core business on supplying pressure vessels and heat exchangers for the oil and gas, petrochemical, chemical, power generation and food industries, the privately owned business has forged a reputation for supplying quality products and services in Australia and South Asia. Over the years the company has delivered more than 1500 pressure equipment. It has also provided heat exchanger re-tubing and pressure vessel refurbishment services and manufactured specific components to meet our customer requirements.





From carbon steel to stainless steel, from LTCS to Titanium, complete range of metallurgies are handled by our highly skilled team.

This combined with a large pool of skilled workforce, we are ready to address the needs of our customers, be it design, engineering or project execution with globally acceptable benchmarks of quality and safety.

SOME KEY METALLURGIES

- Carbon Steel
- Stainless Steel 304/316/321
- Duplex/ Super Duplex
- SMO 254
- Copper, Copper Alloys and Nickel Alloys
- Titanium/Titanium Clad
- Incoloy, Hastelloy, Zirconium
- Cr-Mo

LIST OF BAIPINI ENGINEERING EQUIPMENT

Welding Machines (total):	19	GTAW Machines:	6	GMAW Machines(GMAW & STT)	4
SAW Machines:	2	SMAW Machines:	11	Orbital Machines:	2
Rotators / Positioners	3	1.8m Dia & 3 Tonnes			
Plate Shears:	1	2500mm Width & 6mm Thk			
Plate Rolling:	1	3100mm Width & 25mm Thk			
Plate Profiling, Stripping & Bevelling facilities	2	Includes Plasma and Oxy types			
Tubesheet Machining capacity		250mm THK, 1800mm Dia, Tube Hole Sizes: 1/4" up to 2", Grooving up to 10mm			
Tube Expansion:	3	Maus Italy. Tube Hole Sizes: 1/4" up to 2"			
Saws	3	Band = 2 Blade = 1			
Hydrostatic Testing:	2	Up to 35000 kPa			
Lathes:	2	Up to 29"			
Milling Machines:	2	Height: 2 meter & Length: 3 meter			
Boring Machines:	2	Max: 1.6 meter			
Multi Head NC Machines:	1	Height: 2 meter & Length: 3 meter			
Machine Shop Presses:	1	50 Tonnes			
Bundle Puller	1	Up to 15 tonnes			
Bundle Cutter	1	Up to 1.8 Meters Tubesheet Dia (MAUS Italy Model 2000)			

PRODUCT RANGE

- Shell & Tube Heat Exchangers – All TEMA Types
- Columns
- Pressure Vessel
- Storage Tanks
- Air Cooled Heat Exchangers
- Piping
- Skid Mounted Units

RECENT PROJECTS

Expander Gas Heater For Fertilizer Plant



**BOTANY
CRANES
9666 6366**



RECENT PROJECTS

Expander Gas Heater For Fertilizer Plant



RECENT PROJECTS

Heat Exchanger For Fertilizer Plant



RECENT PROJECTS

Primary Decomposer For Fertilizer Plant



RECENT PROJECTS

Clockwise from the top left hand side

- Stainless Steel Heat Exchanger
- Propane Alumina Treater for Refinery
- Overhead Accumulator for Refinery
- 2nd Stage Cooler for Refinery
- Ali-Brass Tube Bundle for Refinery
- Economiser for Refinery
- Air Coolers for Refinery





RECENT PROJECTS

Clockwise from the top left hand side

- Flash Drum
- Bundle Cutter
- Beer Column
- Air Cooler for Refinery
- Column Reflux Drum for Refinery
- Flash Condenser
- Falling Film Evaporator for Refinery





RECENT PROJECTS

Clockwise from the top left hand side

- Heat Exchanger for Refinery
- Ali-Brass U Tube bundle for Refinery
- Pre-Evaporator for Refinery
- Air-Cooler for Refinery
- Re-tube bundle for Refinery
- Heat Exchangers for Refinery
- Falling Film Evaporator





The vast experience of 4 decades in design and manufacturing of process equipment, allow us to address the needs of our customers across industry .

With design capabilities for Thermal design , Mechanical design (PV Elite) in accordance with Australian & International design codes such as AS1210, ASME Sec VIII, TEMA. More than 1500 pressure equipment have been designed by Baipini and they are in use in various plants and refineries in Australia. Our design service include Calculation, GA drawing, third party design verification followed by safety authorities design registration (when applicable).

