



A Trusted Name For Chemical Process Equipments

About us

KEY-TECH ENGINEERING COMPANY an international trading organization representing various overseas Principals in India. Having established in 1996, **KEY-TECH** is serving the Process Industries specially, Fertilizer, Chemical & Petrochemical, Refineries, Polymer & Polyester Plants & Leading Engineering consultants as well as EPC contractors by providing Overseas Hi-tech Products through its marketing & after Sales Service network throughout India on exclusive basis.

The Product Range includes specialized Valves, Pipes & Fittings, Chemical Process Equipments in high grade Stainless Steel, Urea Grade Steel, Super Duplex, Titanium & other Exotic materials.

The Company has also forayed into manufacturing of components for Chemical Process Equipments used in Fertilizer plants through associate group company **KEY-TECH EQUIPMENTS PVT. LTD.** It has been a constant endeavor of the company to provide core process industries with reliable and proven products through experienced team of qualified trained engineers.

Company also provides expertises in trouble shooting in Process Piping, Valve and Equipment Internals.

Our Team

In order to execute the business operation in a systematic way, the company has employed a team of skilled professionals. The professionals are experienced and hold immense expertise in manufacturing, supplying and exporting the array of control engineering products. In addition to this, we also arrange training sessions on regular intervals to augment their skills. Our team includes

- Design Engineers
- Production Engineers
- Quality controller
- Technicians
- Sales and marketing personnel
- Administrator

Our Manufacturing Unit

Over the years, we have built a state-of-art manufacturing unit that is the core of our organizational setup. All the machines are operated under the expert supervision and upgraded at a regular interval. We have complete tool room setup, CNC Machines and state of art fabrication facility. Our associate facility includes water jet cutting, laser cutting machines, CNC bending machine.

Manufacturing is done as per relevant. internal standards such as ASME / ASTM/ DIN/ JIS & leading process Licensors Snam, Stamicarbon, Toyo, Urea Casale and so on....

Our Principals





Pressure Vessels and Heat Exchanger

- Manufacturer of Pressure vessels
- HP Heat Exchanger
- Carbamate Condenser
- Urea Stripper
- Agitator vessel

MOC: SS316L UG, 25Cr. 22Ni. 2Mo, Hastelloy, Nickel, & Monel alloy, Titanium and its alloy.

Melamine Reactor

- Main material 2.4605 (Alloy 59)
- Temperature 480 °C
- Pressure 150 bar



High Pressure instrumentation Valves in CS, SS and Special steel Material.

- Pressure gauge valves and Isolation valves
- Shut-off valves
- Block valves
- Manifolds (up to 7 way)
- Accessories



CHRISTIAN BOLLIN



**H. P. Valves / Control Valves / Other Supplies
(20 Mpa to 70 Mpa for fertilizer)**

- Angle & Globe valves—Upto dia 16”
- Butterfly, Check valves----Upto dia 16”
- H.P. control valves
- Pipes & Fittings---Upto dia 16”
- Lens Gaskets, Fasteners, Bars & Plates
- Carbamate Mixer
- Prefabricated Pipes

MOC: UG / 25Cr.22Ni.2Mo(Böhler-A405) / Safurex, Duplex, Super duplex / Titanium / LTCS Materials.

High Pressure Systems Poly-Ethylene Plant

- | | |
|------------------------|---------------------------|
| • Tubular Reactors | • Injection pumps |
| • Interstage coolers | • Pressure testing units |
| • Angle,check Valves | • Bolt tensioning devices |
| • Control Valves | • Isometrics |
| • Safety Relief Valves | • Manifold blocks |
| • HP/ MP Vessels | • HP Tubes & bends |





Industrial Valves

From Size 1/2" to 48" Pressure rating 150# to 2500#

- Disc and piston type bottom valves
- Sampling valves
- Gate valves (Standard, Slide, High pressure, Bellow Sealed etc.)
- Ball and Butterfly valves
- Globe valves (also bellow sealed)
- Jacketed valves
- Multi-ways and special valves
- All types of customer made valves
- Valves for cryogenic Services





Bleeding & Venting Valve



Pressure Reducing valve



Back Pressure Regulator

Pressure Control Valve

- Pressure reducing Valves
- Overflow valves
- Vacuum breaker valves
- Differential Pressure & flow control valves
- Burst Pipe isolating valves
- Safety valves

Level control valves

- Bleeding and venting valves
- Float Valves
- Steam traps



Vacuum Breaker



Millibar Control Valve



PRV For Large Flow Rates



Line Blind Valves

Size : 1/2" to 60"

Rating : 150 - 2500#

- Sliding
- Swing
- Compact
- Jack Bolt
- Goggle
- Cover Up

Materials : CS, Alloy Steel, SS, Duplex Steel, Hastelloy, Nickel & other special Alloy

Advanced Engineering plastics / Special Application Products in PEEK materials

- Pump wear rings
- Piston / Rider ring
- Throat bushes
- Pump bushing
- Split bushing labyrinth seals
- Guide bushes



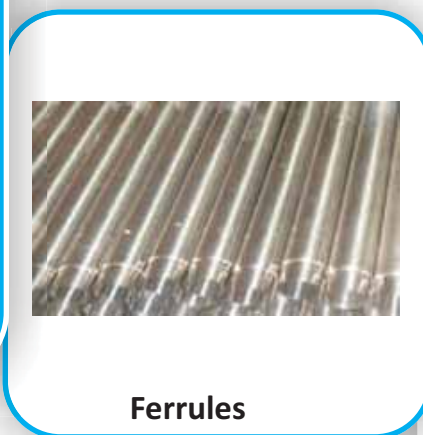
Waterjet Cutting System

- Waterjet System ECOCUT
- Waterjet System STANDARD
- Waterjet System PREMIUM
- PREMIUM with 3D Schneidkopf®
- Waterjet System 3D HB PREMIUM





Threaded Nozzles



Ferrules



Lens Gasket

Components & Internals for HP Urea Equipments:

- Urea Reactor Trays, Distributor plate
- Grid Assembly and Petals
- Ferrules for HP Stripper
- Metallic Gaskets -Lens, Oval, Octagonal
- Fabricated Pipes & Various types of Fittings
- UG Fasteners
- Valve Internals
- Gas Distributor
- Thermowell

Material Of Construction:

- A182 F 316L Mod. (Böhler Type A220)
- UNS S31050 (Böhler Type A405)
- HVD1/ Ferallium 255 /Böhler Type A926
- Duplex / Super Duplex
- Titanium & Zirconium alloy
- Others to suit customer specs.

International standard:

- ASME / ASTM / DIN / BS
- Saipem (Snamprogetti)
- Stamicarbon
- Urea Casale
- Toyo

Quality Policy

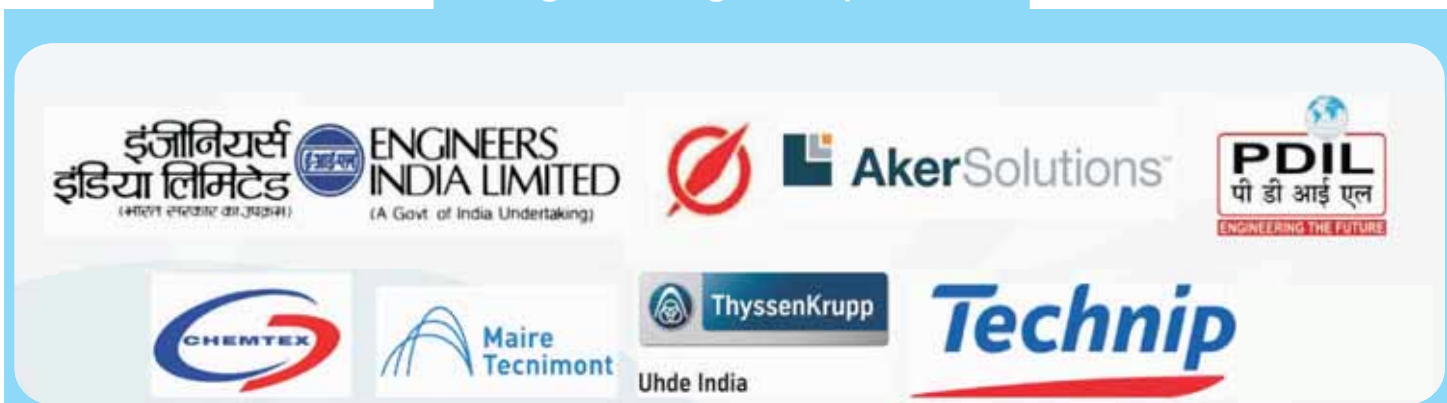
Quality being our forte helps us to stand tall among our counterparts. At each stage of the production, the Manufactured components are rigorously tested for various parameters by a team of highly experienced and qualified quality controllers which ensures the components conformity to international quality standards.

PRODUCT	CLIENTS	TPI
UREA REACTOR TRAYS	KRIBHCO, RCF, IFFCO, CFCL	Lloyds
STRIPPER DISTRIBUTOR PLATE	CFCL	Lloyds
NB 8" REACTOR OVERFLOW PIPE	RCF, IFFCO, CFCL, L&T	Lloyds
GRID FOR UREA STRIPPER	CFCL	
UREA STRIPPER FERRULES	IFFCO, CFCL, RCF, NFL, KSFL,	Lloyds
GAS DISTRIBUTOR	OMIFCO	
LENS GASKET	KSFL, MCFL, KRIBHCO, GNFC, NFL, DSCL, IFFCO	Lloyds
PIPE FITTINGS / FASTENERS	RCF, IGFL, TCL, GNFC, IFFCO, KRIBHCO, NFCL, L & T	PDIL/ Lloyds
THERMOWELL	MCFL, CFCL, NFL, IFFCO, GNFC, IGFL, RCF	Lloyds

..... our valuable customers



Engineering Companies





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