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INFINITE  
PIPING SOLUTIONS



## About

# GIPL

Mr. Shantilal Mehta, who started as a metal trader 35 years back, is the visionary founder of Gujarat Infrapipes Pvt Ltd (GIPL) and other group companies. GIPL started as a private limited company in 1991. Since then it has grown to the stature of being India's 2nd largest piping solutions company (pipes, butt-weld pipe fittings and pre-fabricated piping spools) and is now the flagship company of the group.

GIPL, with world class manufacturing facility spread over 70,000 sq. meters, is a leading manufacturer of butt-weld pipe fittings (welded & seamless) and pre fabricated piping spools, with revenue of more than \$ 20 million. The revenue CAGR of last 7 years is 28%. We have 2 plants in Vadodara, one at GIDC Por and other plant is at Manglej. Our manufacturing facility offers complete piping solutions that are customized as per needs of our customers. Having served our loyal customers for more than a decade, we now possess deep understanding of the market and are committed to on-time delivery with zero quality failures.

GIPL has grown from being a family concern to an organization which is driven by systems. We are assisted by well known industry experts in various areas like productivity, quality and financial management. GIPL places utmost importance to aspects of health, safety & environment and this is achieved by implementing fundamental changes in our processes. The growth in our exports business is a small testimony to the same.

However, the core strength of GIPL is its home grown young management team - average age of our team is 30 years.

## EMPLOYEE GROWTH & DEVELOPMENT

GIPL considers its employees as its brand ambassadors. They are our face to our customers. GIPL offers education sponsorship programs for all level of employees and encourages its employees to enroll themselves for higher degree/diploma courses. Frequent MDP's are arranged for middle and higher management resources. This helps our employees get in sync with latest updates in technology & management front and leads to better customer interaction and service.

## Our DNA for Growth

### IT INFRA

GIPL understands the need of IT in today's world and hence GIPL has an in house IT team that support all department for their smooth functioning. GIPL has its own ERP system that makes work efficient and fast.

### PROCESS PHILOSOPHY

In the endeavor to be a world class manufacturer, GIPL has implemented many process improvement initiatives.

To mention a few

- Cellular manufacturing based on the concept of single piece flow. This reduces the lead time drastically and ensures earlier detection of non conformities thus reducing wastage.
- TQM: Making every employee responsible for the quality rather than just the quality department. This ensures better quality check at initial stages.
- Tooling Design and Research: We have developed expertise in designing mandrels in house. This ensures us to deliver customers' special & non standard requirements.

GIPL believes in continuous improvement, and we are ever striving to raise the bar higher. To ensure that we have a team of industry experts as our advisors who guides our processes to perfection.

### HEALTH & SAFETY

GIPL's key focus is on safety. Safety for its employees is our first preference. Making environment a safe place is the motto behind all our processes. We are accredited by OHSAS 18001:2007. With our processes we make sure that no industrial waste is effecting the environment. Special measures are taken to ensure proper waste disposal. For employees we have strong policy to follow safety norms before entering shop floors. We have in-house doctor to cater any health related issues. This free medical consultation is also applicable for the family members of our employees.

## ACCREDITATIONS

GIPL is accredited with almost all renowned bodies and has major Quality, Health & Safety certifications.

- ASME U Stamp & PP Stamp Authorized
- ISO 9001:2008
- ISO 14001:2004
- OHSAS 18001:2007
- IBR
- EIL
- PED
- PDO
- TAKREER
- AD 2000
- CRN



## FACILITIES

GIPL is having state of an art facility to produce 12000 Metric Tons per year. GIPL also offers pre-fabricated piping spools. GIPL has a dedicated Design & Engineering team that analyzes & offers best spooling solutions. GIPL is a firm believer of latest technology and has commissioned three Cold Forming machine for manufacturing Stainless Steel/Duplex Elbows & Tees. Cold Forming Machine, a first of its kind in India, offers best quality products with lesser wastage and better production.

## QUALITY

For GIPL quality is not just a term rather it is a cult. We strongly believe in providing utmost quality products and to ensure that we have an in-house testing facility. Testing processes are in line with systematic and scientific processes based on the principal of Online Inspection. Online Inspection is designed to identify and eliminate possible deviations at the time and point they occur. Testing Laboratory manned by experienced professionals who aim to deliver quality and only quality products.

### MANUFACTURING FACILITIES

- 5 Mandrel Plants (2" to 30") Elbow
- 3 Cold Forming Machines (2" to 20")
- Elbow/Tee beveling machines
- 20 Lathe Machines
- 20 Hydraulic Press ranging 150MT to 2500MT
- Shot Blasting machine
- 3 Electric HT Furnace
- 5 Oil fired HT Furnace
- 1 Gas fired HT Furnace
- Third Party Qualified Welders
- Welding facilities available : SMAW, GTAW, FCAW and SAW

### TESTING FACILITIES

- Universal Tensile Test
- Spectro Analysis
- P.M.I. Test
- Impact Test
- Ultrasonic Test
- Radiography Test
- Helium Leak Test
- Dye Penetration Test
- Intergranular Corrosion (Practice A & E)



## PIPING SOLUTIONS

GIPL always believes in serving their customers with utmost quality products. GIPL offers complete piping solution i.e. from pipes, and plates to a wide range of pipe fittings & piping spools in almost all ferrous and non ferrous material. Pre-fabricated piping spools are made as per client requirements. We have a dedicated designing, engineering & manufacturing team that offers best in class piping spools.

Though we do not manufacture pipes, plates, flanges, sockolets, weldolets and forge fittings but we do offer them to our clients as a complete package. We do our best to fulfill all piping requirements of our customer as a one stop solution provider.

GIPL also offers Seamless/ERW Pipes in various materials like Alloy Steel, Stainless Steel, Duplex, Monel, Inconel etc. We maintain ready stock of 400 MT of Alloy Steel pipes that can be offered Ex-Stock.



## PIPING SPOOL

### WHAT IS SPOOL?

Spools are prefabricated units made by joining pipe, pipe fittings and flanges as per prescribed Isometric Design. These spools then can be installed at the site.

### WHY SPOOL?

Fabrication at shop floor offers high quality and better construction than that of at site. Purchasing complete unit is cheaper than purchasing individual parts and then joining them, a lot can be saved on labor cost. At site warehousing different parts add cost and significant loss is incurred because of wastage of material during fabrication. Pre-fabricated spools save significant time, effort and cost of the project.

### WHY US!

With more than 20 years experience in manufacturing pipe fittings, GIPL is now an established manufacturer of pre fabricated piping spools. With indigenous pipe fittings & state of an art technology, GIPLs offer best quality spools at best price. GIPL has a dedicated team of engineers that offers design & engineering services. With in-house chemical & mechanical testing facility, the quality of fabrication is second to none. We are the only Fittings Manufacturer in India certified with ASME U Stamp & PP Stamp.

# FABRICATION UNIT

GIPL has a manufacturing facility spread over 70000 Sq. meters. We have a team of 40 qualified welders who can do any challenging jobs. With experienced skill set, material handling and adequate plant machineries, GIPL has world class facility for spool fabrication. We offer IBR and Non IBR piping spools and also perform pipe bending service for our esteem customers.

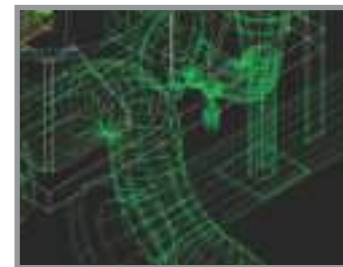
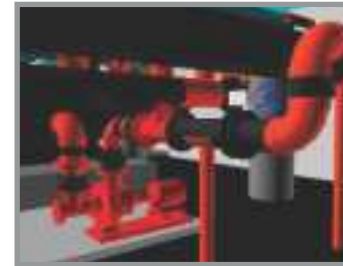
We have successfully executed some challenging jobs like Miters, T-Joints, Storage Tanks/Silo, fabrication jobs for Pressure Vessels, Heat Exchanger & Reaction Vessels for some of our esteemed customers like L&T MHI, IOCL, TOSHIBA etc.

We are an ASME U Stamp & PP Stamp certified Manufacturer.

# DESIGN / ENGINEERING SERVICES

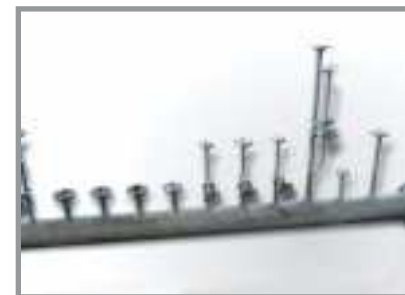
GIPL has a dedicated team of engineers that offers End to End Engineering solutions. Updated with cutting edge technology and latest software solutions, Design Team creates flawless designs for fabrication.

- Detailed piping layout & engineering
- Piping Layout drawing-Isometric with BOM
- Material specification & dimensional specification
- Flexible analysis of Hot/Cold Piping systems
- Dynamic analysis for two face flows and wind & seismic effects
- System isometric & detailed analysis for critical services, stress, branch reinforcement etc



# LIST OF SOFTWARES

- AUTOCAD
- CAESER-II
- STAAD
- TEKLA AND STRUCAD
- PV ELITE & E-TANK (along with API-650 & API-20)



# MAJOR APPROVALS



# PRODUCT RANGE WE DO

GIPL offers fabrication of spools in various materials such as ASTM A106 Gr. B/C in carbon steel, ASTM A312 Gr.304/304L, 321/321H, 316/316L & 347/347H in stainless steel and ASTM A335 Gr. P5, P9, P11, P22, P91 in alloy steel. We manufacture seamless as well as welded spools for size ranging from 0.5" to 48". We offer both IBR and Non IBR Piping.

GIPL offers variety of piping spools such as

- Turbine Integral Piping
- Boiler Integral Piping
- Compressor piping
- Gas & Steam Turbine piping
- Cooling water Piping
- Lube oil Piping
- Process plant piping
- Cladded piping



Turbine Generator Cooling Water



Main Oil Tank Piping Assembly Material A 106 GR. B



Mot Piping Spool - C. S.



Mainfold Piping (Material S. S.)

# FITTINGS



## GIPL PRODUCT RANGE AT A GLANCE

### FERROUS PRODUCTS - Carbon Steel, Alloy Steel, Stainless Steel, Clad & Alloy20

Type	Seamless	Thickness	Welded	Thickness
Elbow	2" - 30"	Upto Sch - XXS	10" - 84"	Upto Sch - XXS
Return Bend	2" - 18"	Upto Sch - XXS	-	-
Reducer (Conc / Eccn)	2" - 24"	Upto Sch - XXS	10" - 96"	Upto Sch - XXS
Tee (Equal / Unequal)	2" - 24"	Upto Sch - XXS	10" - 54"	Upto Sch - XXS
Stub End	2" - 24"	Upto Sch - XXS	10" - 72"	Upto Sch - XXS
End Caps	2" - 60"	Upto Sch - XXS	-	-
Cross	2" - 18"	Upto Sch - XXS	10" - 30"	Upto Sch - XXS

### NON FERROUS PRODUCTS - Monel, Nickel, Incone, Cupronickel, Titanium

Type	Seamless	Thickness	Welded	Thickness
Elbow	0.5" - 14"	Upto Sch - 160/XXS	10" - 24"	Upto Sch - XXS
Return Bend	0.5" - 08"	Upto Sch - 160/XXS	-	-
Reducer (Conc / Eccn)	UPto 14"	Upto Sch - XXS	10" - 72"	Upto Sch - XXS
Tee (Equal / Unequal)	UPto 14"	Upto Sch - XXS	10" - 24"	Upto Sch - XXS
Stub End	UPto 14"	Upto Sch - XXS	10" - 36"	Upto Sch - XXS
End Caps	UPto 14"	Upto Sch - XXS	-	-

GIPL is a trusted and known name in fittings industry from two decades. Our continued clientele is itself a mark of our sublime product range. We cater to sectors like oil & gas, power, fertilizer, shipping, nuclear etc. and offer complete piping solutions to them. We specialize in manufacturing Butt Weld Pipe Fittings in various Ferrous and Non Ferrous Material.

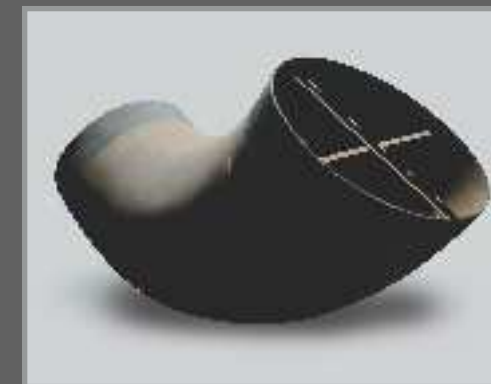
At GIPL, we always strive to include best manufacturing technologies at our work floor. In the same lines we commissioned another Cold Forming Machine to manufacture Seamless elbows up to size 20" for schedule up to 80. This machine is first of its kind in India. With Cold Forming process the production cycle time is reduced, material wastage is reduced and most importantly the quality is improved significantly. By this technology, there is a significant reduction in cost and benefit of which is then passed to our customers.

## PRODUCT OFFERING

We specialize in manufacturing seamless (0.5 inch - 30 inch) as well as welded (10 inch - 84 inch) customized Butt Weld pipe fittings in Ferrous & Non Ferrous material for Schedule upto 160 (75mm).

## SPECIAL ITEMS

- SS Seamless Bends- 3D, 4D, 5D, 6D, 10D, 20D  
- 20D & 10D from .5" to 18"  
- 6D & 5D from .5" to 24"  
- 4D & 3D from .5" to 20"
- Y-Piece & Laterals from 2"- 24" (Welded)
- Claded Pipes & Fittings 10" & above
- ID Feeder Fittings for NPCIL
- Carbon Steel  
- 80" & 84" x 20mm Elbows & Tees in A671/A234  
- 96" / 88" x 24mm Eccentric Reducer in WPB



84" 90° LR Elbow (W)



24" 70mm Elbow CS 24"Sch40 Elbow P91



18" SCH 100 P91 CROSS

# OUR EXPERTISE

We have executed most complex and challenging requirements of our customers

## NON FERROUS

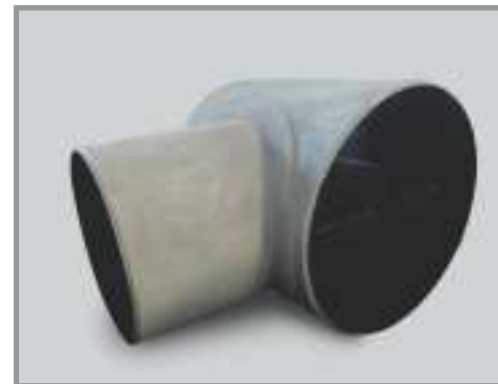
- **Cu-Ni (Seamless)**
  - 14" Elbows & Tees
  - 8"/6" x Sch40 Unequal Tee
  - 8" x Sch40 Cap
- **Inconel - 625**
  - 24" Y-Piece
  - 18"/14" x 12.7mm Eccentric Reducer
  - 12" Elbows & Stub Ends
- **Monel 6" Elbows & Tees**
- **Executed Jobs with all Grades like Inconel, Hastelloy, Alloy 20 etc.**



Copper-Nickel Fittings

## ALLOY STEEL – ELBOW, REDUCER, CAPS & TEE

- **P91**
  - 24" Elbows & Tees (S)
  - 42" Elbows & Tees (W)
- **P9**
  - 30"xSch30 Elbows & Tees (S)
  - 52"x24mm Elbows & Tees (W)
- **P22**
  - 26"x36mm Elbows & Tees (S)
  - 52"xSTD Elbows & Tees (W)
- **P5**
  - 24" Elbows & Tees (S)
  - 42" Elbows & Tees (W)
- **P11**
  - 24"x Sch160 Elbow & Tees (S)
  - 60"x24mm Elbows & Tees (W)



Barred TEE

## STAINLESS STEEL – ELBOW, REDUCER & TEE

- **304/304L**
  - 24" Elbows & Tees (S)
  - 66"/46"x15.6mm Reducer (W)
- **316/316L**
  - 24" Elbows & Tees (S)
  - 40" Elbows & Tees (W)
- **321/321H**
  - 14"/12"xSch40S Reducer (S)
  - 48" Elbows & Tees (W)
- **24" Elbow in 316 with Molly 2.5% max**



Duplex UNS 31803

# CLIENTELE

EPC	Oil & Gas/ Petrochemical	POWER	FERTILIZERS	EXPORT CLIENT
<ul style="list-style-type: none"> <li>• ABB</li> <li>• DORR Oliver</li> <li>• Engineers India Ltd.</li> <li>• FOSTER WHEELER</li> <li>• Heurtey Petrochem</li> <li>• IOTL</li> <li>• KAZSTROY Service</li> <li>• L&amp;T</li> <li>• LINDE</li> <li>• LURGI</li> <li>• NICCO Group</li> <li>• SK E&amp;C</li> <li>• SNP</li> <li>• TATA</li> <li>• TECHNIP</li> <li>• Tecnimont ICB</li> <li>• Toyo Engineering</li> <li>• UHDE</li> <li>• Va Tech Wabag</li> </ul>	<ul style="list-style-type: none"> <li>• BHARAT OMAN</li> <li>• Bharat Petroleum</li> <li>• BOC</li> <li>• BRP</li> <li>• CORRTECH</li> <li>• CPCL</li> <li>• ESSAR</li> <li>• GAIL</li> <li>• Hindustan Petroleum</li> <li>• HMEI</li> <li>• INDIAN OIL</li> <li>• Indraprastha</li> <li>• KVAERNER POWER GAS</li> <li>• ONGC</li> <li>• PETRON</li> <li>• praxair</li> <li>• Reliance</li> </ul>	<ul style="list-style-type: none"> <li>• ADANI</li> <li>• ALSTOM</li> <li>• BARC</li> <li>• BGR Energy</li> <li>• BHAVINI</li> <li>• BHEL</li> <li>• CAIRN</li> <li>• DODSAL</li> <li>• DOOSAN</li> <li>• ESSAR Power</li> <li>• Greenesol</li> <li>• ISGEC/IJT</li> <li>• Kalpa Taru</li> <li>• L&amp;T MHI</li> <li>• LANCO</li> <li>• NPCIL</li> <li>• NTPC</li> <li>• Punj Lloyd</li> <li>• SIEMENS</li> </ul>	<ul style="list-style-type: none"> <li>• Chambal Fertilisers</li> <li>• GNFC</li> <li>• GNVC</li> <li>• GSFC</li> <li>• IGFL</li> <li>• KSFL</li> <li>• NFL</li> <li>• RCF</li> </ul>	<ul style="list-style-type: none"> <li>• ABB-Italy</li> <li>• Ayad Sons</li> <li>• Energy Link LLC</li> <li>• Gerab</li> <li>• Heurty Petrochem</li> <li>• IOTL</li> <li>• Offshore Engineering</li> <li>• Punj Llyod</li> <li>• Reliance</li> <li>• Saint Gobain</li> <li>• Technip</li> <li>• L&amp;T</li> </ul>
			SHIPYARDS	
			<ul style="list-style-type: none"> <li>• ABG Shipyard</li> <li>• Cochin Shipyard</li> <li>• Essar Shipping</li> <li>• Goa Shipyard</li> <li>• GRSE</li> <li>• Hindustan Shipyard</li> <li>• Mazagan Docks</li> <li>• Pipavav Shipyard</li> </ul>	

# FOR FURTHER ENQUIRIES

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