



AN ISO 9001 CERTIFIED COMPANY

TECENCE

TECENCE ENGINEERING LLP

- ▣ MFG. OF PIPING EQUIPMENTS
- ▣ MFG. FABRICATED PIPING SPECIAL FITTINGS
- ▣ CUSTOM METAL FABRICATION
- ▣ ENGINEERING CONSULTANCY
- ▣ INDUSTRIAL SERVICES
- ▣ PROCUREMENT

• PPP • EPC • O & M PROJECT PARTNER
FOR COMPLETE PIPING SOLUTION



www.tecenceengineering.com

INTRODUCTION

TECENCE ENGINEERING LLP' as one of the leading company based in India. T E LLP Specialized in Design, Engineering, Fabrication, erection and Procurement.



VISION

To be a World Class manufacturer of quality, custom, precision parts and fabrications that is chosen by our customers because we provide quality that meets or exceeds their expectations, deliveries that are on-time, prices that are affordable; ideas, services and solutions that solves their problems and improves their products and businesses.



Mission

Our aim to be the most dependable partner of all industries with the client operating in india and around the world. And maintain close business relations with our client by providing high quality products and services.



Quality

We are committed to continuous improvement and have established a Quality Management System which provides framework for measuring and improving our performance. Though the Managing Director has ultimate responsibility for Quality, all employees have a responsibility within their own areas of work so helping to ensure that Quality is embedded within the whole of the company.

About Us

Tecence Engineering LLP is a registered 100% Indian Owned Company. Our Head office is located in Mumbai City, and Several other affiliates in various places of India.

We have four division Manufacturing of Piping Equipment & Fabricated Piping Special Fittings, Custom Metal Fabrication, Engineering Consultancy, Industrial Services & Procurements.

We always try to satisfy our clients with the best quality and commitment as well as we offer customized solutions to suit the varied requirements of the clients.

Our Division

FABRICATED PIPING EQUIPMENTS

Y- Strainer, T- Strainer, Basket Strainer, Duplex Strainer, Conical Strainer, Suction Diffuser, Air Eliminator and Expansion Joint

FABRICATED PIPING SPECIAL FITTINGS / PRODUCTS

Flange Adaptor, Dismantling Joint, Coupling, Stepped Coupling, Tapping Saddle, Expansion Joints, Flexible Hoses, Flanges, Flap Valves , Hydrotest Plug and Beam Clamp Rigging Roller.

CUSTOM METAL FABRICATION:

Metal fabrication is a broad term referring to any process that cuts, shapes or mold metal material into a final product. When our Client requires a non-standard component or unique metal product, our custom fabrication services can provide both design and quality production assistance for these built-to-order parts.

ENGINEERING CONSULTANCY:

- Provide engineering services and expertise to companies in need of a specialized skill-set, with a team of experienced engineers to provide short-term technical advice and work with clients to define solutions to problems or to help determine and recommend the best course of action for a given initiative.

Our Highlighted Scope:

- Liaise with clients to define the tasks to be performed;
- Design the product and construction required;
- Appoint and supervise contractors;
- Maintain communication with the client and negotiate changes in the contract as necessary;
- Ensure that work is completed to the specification and quality required on time and within budget.

PROCUREMENT:

We involve in the procurement for the below listed items as per specific Client requirements based on International & local standard.

Pipes and Pipe fittings, Valves, Bolts Nuts and Washer ect.

INDUSTRY COVER :

- Water Environment & Irrigation • Oil & Gas • Petrochemicals • Power Plant • Utility & Power

TECENCE™

Y Strainers



TECENCE™

Basket Strainers



TECENCE™

Fabricated Duplex Strainers



TECENCE™

Suction Diffusers



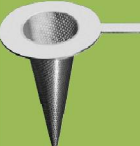
TECENCE™

T Strainers



TECENCE™

Temporary Strainers



TECENCE™

DISMANTLING JOINTS



The Tecence fabricated dismantling joints are particularly suitable for simplifying the installation and removal of all kind of valves, pumps and flanged pipes and fittings. Typical applications include pumping stations, water treatment works, sewage treatment works, plant rooms, meter chambers, power generation equipment and gas distribution stations.

Available from DN 50 mm up to including DN 2000 mm.

Flanges can be drilled to suit various international standards like ISO, DIN, BS and ANSI for pressure classes PN 10, PN 16, PN 25 and PN 40. Temperature range -10 to 70°C.

If you have any technical questions that are not answered in this brochure, please do not hesitate to contact us.

Material specification

- CUSM/VS (As per applicable Standard)
- Fusion bonded epoxy coating, thickness approx. 300 microns. Other coatings such as hot dipped galvanneal, transit coating or other epoxy coatings are available on request.
- EPDM or NBR rubber gaskets.
- Tie bars and nuts are zinc plated and passivated. Stainless steel tie bars and nuts are available on request.

Advantages

- Accommodates up to 50 mm / 2" longitudinal adjustment.
- Allows for fast and simple maintenance of valves and pumps.
- Simplifies future pipework modifications and reduces down time.
- Installed with a spanner and a torque wrench, no special tools needed.
- Absorbs vibrations.
- Accepts some misalignment in straight pipes.

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pipeline products for water, gas and industrial applications

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FLANGE ADAPTOR



Tecence Flange adaptor is manufactured to join most types of plain ended pipe to a flanged fitting, pipe or valve.

Working pressures may vary from 10 to 16 bar, depending on application.

Available from DN 50 to DN 2000 mm.
Can absorb angular deflection upto 4°

Material specification

- CUSM/VS (As per applicable Standard)
- Fusion bonded epoxy coating, thickness approx. 300 microns. Other coatings such as hot dipped galvanneal, transit coating or other epoxy coatings are available on request.
- EPDM or NBR rubber gaskets.
- Tie bars and nuts are zinc plated and passivated. Stainless steel tie bars and nuts are available on request.

Advantages

- The Flange Adaptor can absorb vibrations.
- Corrosion resistant Construction.
- Long radius curves or slight bends can be laid without special bends.
- Accommodates deflection before, during or after installation and service.
- Accepts some misalignment in straight pipes.
- Easy installation, all you need is a spanner.

Note: This fitting is not designed for end load resistant applications.

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COUPLINGS



Tecence straight fit to size couplings is manufactured to join most types of plain ended right pipes or to join a plain ended pipe to a flanged fitting, pipe or valve.

Working pressures may vary from 10 to 16 bar, depending on application.

Flanges can be drilled to suit various international standards like ISO, DIN, BS and ANSI. Available from DN 50 to DN 2000 mm.

Coupling can absorb up to 10mm expansion and contraction up to certain limit.

Coupling can offer up to 4° angular deflection, to allow for the connection of misaligned pipes.

Material specification

- CUSM/VS (As per applicable Standard)
- Fusion bonded epoxy coating, thickness approx. 300 microns. Other coatings such as hot dipped galvanneal, transit coating or other epoxy coatings are available on request.
- EPDM or NBR rubber gaskets.
- Tie bars and nuts are zinc plated and passivated. Stainless steel tie bars and nuts are available on request.

Advantages

- The couplings can absorb vibrations.
- Corrosion resistant Construction.
- Long radius curves or slight bends can be laid without special bends.
- Accommodates deflection before, during or after installation and service.
- Accepts some misalignment in straight pipes.
- Easy installation, all you need is a spanner.
- To flexibly couple the pipe of same diameters.

Note: This fitting is not designed for end load resistant applications.

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STEPPED COUPLINGS



Tecence stepped couplings is manufactured to join most types of plain ended right pipes or to join a plain ended pipe to a flanged fitting, pipe or valve.

Working pressures may vary from 10 to 16 bar, depending on application.

Available from DN 50 to DN 2000 mm.

Material specification

- CUSM/VS (As per applicable Standard)
- Fusion bonded epoxy coating, thickness approx. 300 microns. Other coatings such as hot dipped galvanneal, transit coating or other epoxy coatings are available on request.
- EPDM or NBR rubber gaskets.
- Tie bars and nuts are zinc plated and passivated. Stainless steel tie bars and nuts are available on request.

Advantages

- The Stepped coupling can absorb vibrations.
- Corrosion resistant Construction.
- Long radius curves or slight bends can be laid without special bends.
- Accommodates deflection before, during or after installation and service.
- Accepts some misalignment in straight pipes.
- Easy installation, all you need is a spanner.

Note: This fitting is not designed for end load resistant applications.

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EXPANSION JOINTS



Expansion joints are used to absorb the displacement of piping caused by thermal expansion and contraction. They are used to prevent the piping from becoming rigid and to prevent the piping from becoming a point of failure.

Types of expansion joints include bellows, diaphragm, and other types.

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GENERAL PURPOSE FLEXIBLE HOSES



Flexible hoses are used to transfer a wide range of fluids including petroleum fluids, such as air, steam and gases, and liquids, such as water, oils and chemicals. The hoses feature for repurification of piping systems, absorption of thermal expansion and vibration and centering of piping.

Dimensions:

- Joints
- High-pressure models
- Special models
- Accessories



INDUSTRIAL SERVICES IN INDIA

- ▣ REPAIR AND REPLACEMENT OF PIPING
- ▣ EQUIPMENT INSTALLATION
- ▣ SHUTDOWN SERVICES
- ▣ PLANT MAINTENANCE

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Tecence Engineering LLP

A/41, Rautara Industrial Estate, Shil Mahape Road,
Shil Phata Thane 400612,
(Mumbai) Maharashtra, India

Phone : 00919004319718 / 0091 9869566068

Email : info@tecenceengineering.com

www.tecenceengineering.com

