

Lalito[®] UROHR

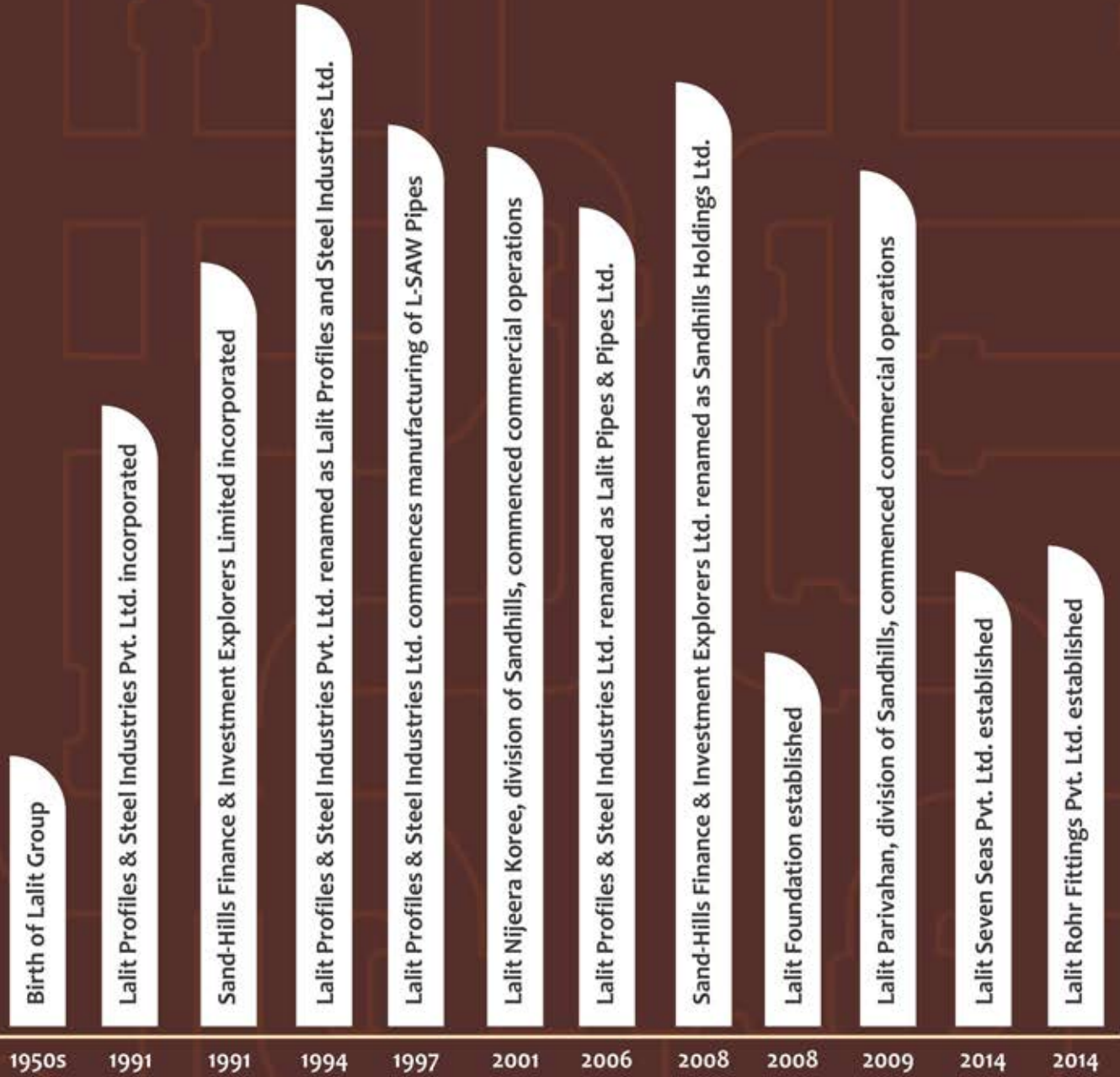
FITTINGS PVT. LTD.

An ISO 9001 : 2008 Company

A New Beginning At Every Bend



a **Lalit Group** venture
Tonnes of Experience Behind Each Kg.[®]



Lalit Group Timeline

Induction Pipe & Story

Bending it like Lalit!

Scenario of the Piping Industry and the niche space for Induction Pipes

The early 70s saw the effort to make bend pipes using an important process – Induction Bending. Induction bends are as common to the piping industry as bolts and nuts are to any real estate construction venture. Induction Bending offers a unique ability to convert a straight pipe (of various material specs) into bends of various degrees. These bends when put to their desired use, not only add strength but also beauty to the application as well as the entire project.

Major critical, and some non-critical applications in core sectors find use for Induction bend pipes and spools. To name some:

- Power Station (Traditional and Nuclear - Primary and Auxiliary circuits)
- Gas & Oil Pipe Lines (On shore & Offshore)
- Chemical & Fertilizers Plants

The three most attractive features of induction bend products being:

1. Lesser Impurities leading to better work quality.
2. Lesser mechanical joints leading to higher integrity of finished product.
3. Ability to produce multiple & compound bends from a single pipe, leading to minimum distortion.

Over the years induction bending has proven to be the most economical way of meeting critical area connecting requirements of core sector satisfaction.

The advantages of **Lalit Rohr Fittings** products are many; the top most being of unmatched quality and commitment to customer satisfaction.

A vision, experience and dedicated team empowered with technology are enough to fulfill this commitment.

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Products

Induction Bends

MAX. PIPE SIZE ::	48" (1219 mm OD)
MIN. PIPE SIZE::	8" (219 mm OD)
WALL THICKNESS ::	6 - 60 mm
MAX. PIPE LENGTH ::	18 mtrs
MAX. BEND RADIUS ::	7314 mm (48" X 6D)
MIN. BEND RADIUS ::	700 mm
FEED SPEED ::	1—150 mm/ min
BEND ANGLE ::	1—180°
MAX. ARC LENGTH ::	11485 mm

Piping Spools, Ring Headers, manufactured as per Customer's Drawings.

Can provide bends of bending radius 3D, 3.5D, 4D, 5D, 6D, 7D, 8D, 10D and 12D apart from custom requirements depending on the pipe diameter.

Various types of Pipes like, Long seam, Helical seam, E.R.W., E.Fs.W., Seamless pipes, etc. can be bent.

All types of steel pipes, including Carbon Steel, Alloy Steel, Stainless Steel pipes as well can be bent.



* All images are of actual product and site.



Applicable Specifications

All products manufactured as per Indian and International Standards like :

API-5L	ASTM-A-234
MSS-SP-75	PFI-ES-24
ASME-B-31.1	ISO 15590-1
ASME-B-16.49	DNV 2000
ASME-B-31.4	EIL Specifications
ANSI-B-16.9	Customer Specifications



Pipe Fittings

Our Butt-weld Pipe Fittings provide long-life and high reliability corrosion resistance to harsh environment applications. Lalit Rohr Fittings Pvt. Ltd. has been establishing a reputation in the Piping industry for its focus on excellence and providing an unsurpassed level of manufacturing expertise, quality and service to our customers.

The Butt-Weld Pipe Fittings are manufactured in hot & cold processes. The Butt-weld fittings have a weld preparation as per the standards ASME B16.25 relevant for usage in sectors like Oil & Gas, Power, Nuclear, Petro-Chemical and Process Industries.

Products	Range
90 and 45 Degree Elbows	Upto 48"
Equal and Reducing Tees	Upto 48"
Concentric and Eccentric Reducers	Upto 48"
End Caps Up to 24"	
Special Customized Products: Miter Bends, Y-Piece & Ring Headers as per client's drawing	
Thickness: Up to 40MM Wall Thickness for welded construction.	
Special sizes available on request.	



The materials we use are

Stainless Steel	ASTM / ASME SA 403 GR WP "S" / "W" / "WX" 304 , 304L, 304H, 304N, 304LN, 309, 310H, 316, 316H, 317, 317L, 321, 321H, 347, 347 H
Carbon Steel	ASTM / ASME A 234 WPB, WPC
High Yield Carbon Steel	ASTM / ASME A 860 WPHY 42, WPHY 46, WPHY 52, WPH 60, WPHY 65 & WPHY 70
Low Temperature Carbon Steel	ASTM A 420 WPL3 / WPL6

Applicable Sectors



Air Ducts



Bldgn Bridge Construction



Boilers



Chemicals



Compressor Stations



Dredging



Fertilizers



Offshore



Oil and Gas



Petro-Chemicals



Petroleum Refinery



Power: Nuclear, Thermal & Hydro



Steel



Water

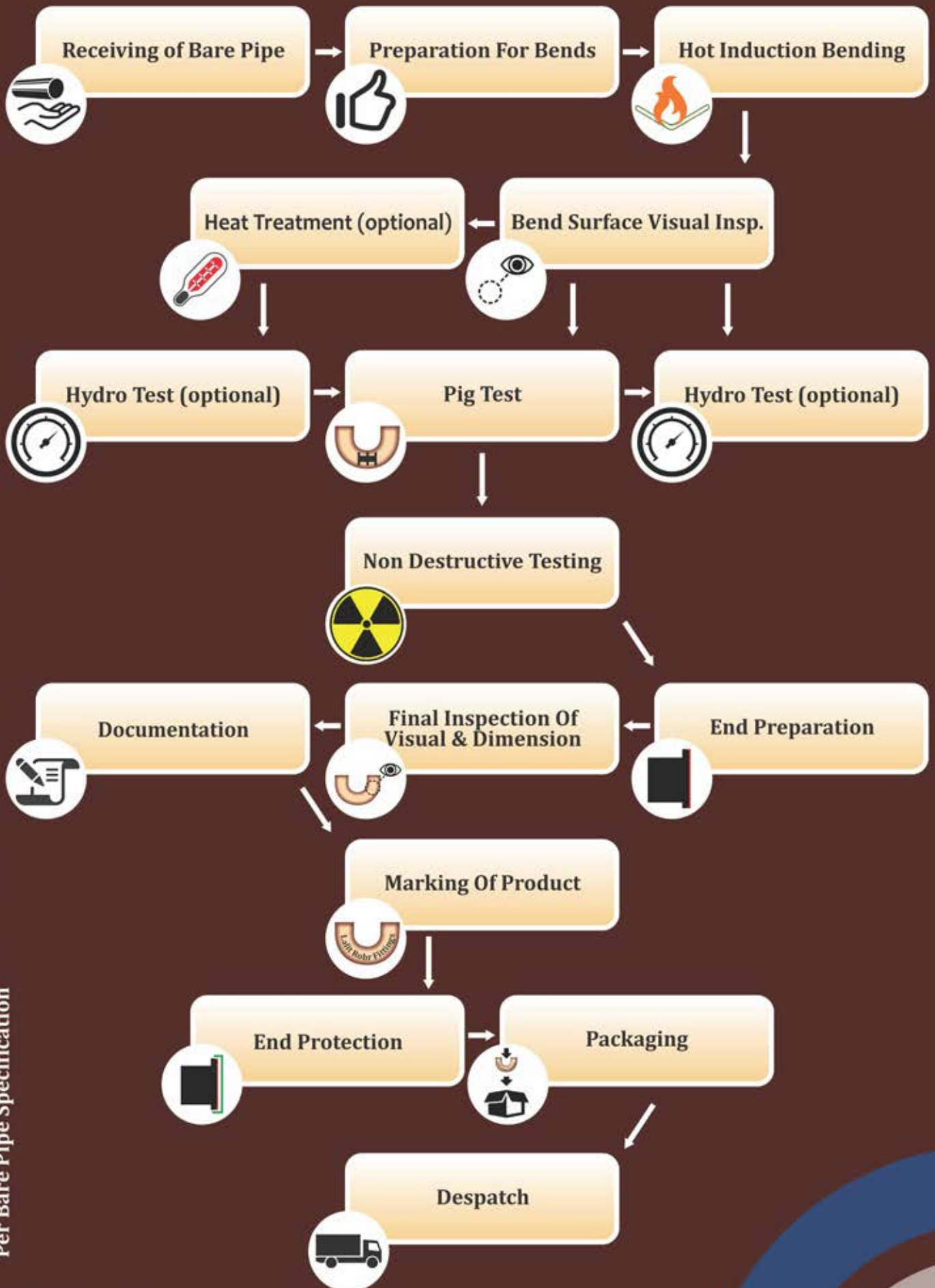


WindMill

* Indicative List



Process Flow Chart



Note :- Chemical & Mechanical Test Will Be Done In PQT Bend Only As Per Bare Pipe Specification



Advantages of Induction Bend Pipes

- Reduced oxidation or de-carbonization due to instantaneous heating
- Minimum wall thinning rate and ovality
- Precise bending radius and angle
- Little impurities or scratches on the inner surface
- Three dimensional bendings without any welding
- Uniform hardness
- Spiral pipe bending also possible

* Indicative List

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Tonnes of Experience Behind Each Kg.[®]

About Lalit Rohr Fittings

*Some people dream success,
some people plan, work and make it happen everyday.*

Lalit Rohr Fittings Pvt. Ltd., an ISO 9001 : 2008 Company, the forward integration unit of the Lalit Group of Companies, based at Savli, Gujarat, India. The Company specializes in manufacturing hot pulled induction bends and piping spool for sectors like power, oil and gas, to name some.

As a part of *Lalit Parivar*, the Company holds a remarkable pedigree to *Lalit Pipes & Pipes Ltd.*, in the form of management principles, styles and functioning style. While the Group is headquartered in Navi Mumbai, Maharashtra, the *Lalit Rohr Fittings* unit has been stationed in the upcoming buoyant business routes of Gujarat; with close proximity to major national highways, airports and sea ports. Thus, making business efficient and advantageous.

The Company manufactures induction bend products from 8" to 48" diameter. The products include induction bend pipes, ring headers and piping spools of various material grades as per relevant Indian and International standards as well as to suit specific customer drawings. *Lalit Rohr Fittings* can provide bends of bending radius 3D, 3.5D, 4D, 5D, 6D, 7D, 8D, 10D and 12D apart from tailor made bending radius depending on the pipe diameter with a bend angle from 1 degree to 180 degree in carbon steel, alloy steel as well as stainless steel of various grades.

The Company also manufactures pipe fittings like cones, welded elbows, concentric/ eccentric reducers, equal tees, unequal tees and so on. Thus, making *Lalit Rohr Fittings* the true in-house manufacturer of all kinds of Pipe Fittings.

The Team is qualified in technical and experience to bring the best of projects to life. With an unbeatable experience of 300+ man years, *Lalit Rohr Fittings* offers a niche product with the advantages of unmatched quality with commitment to customer satisfaction.

As we like to say..... A New Beginning at Every Bend!



An ISO 9001 : 2008 Company

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