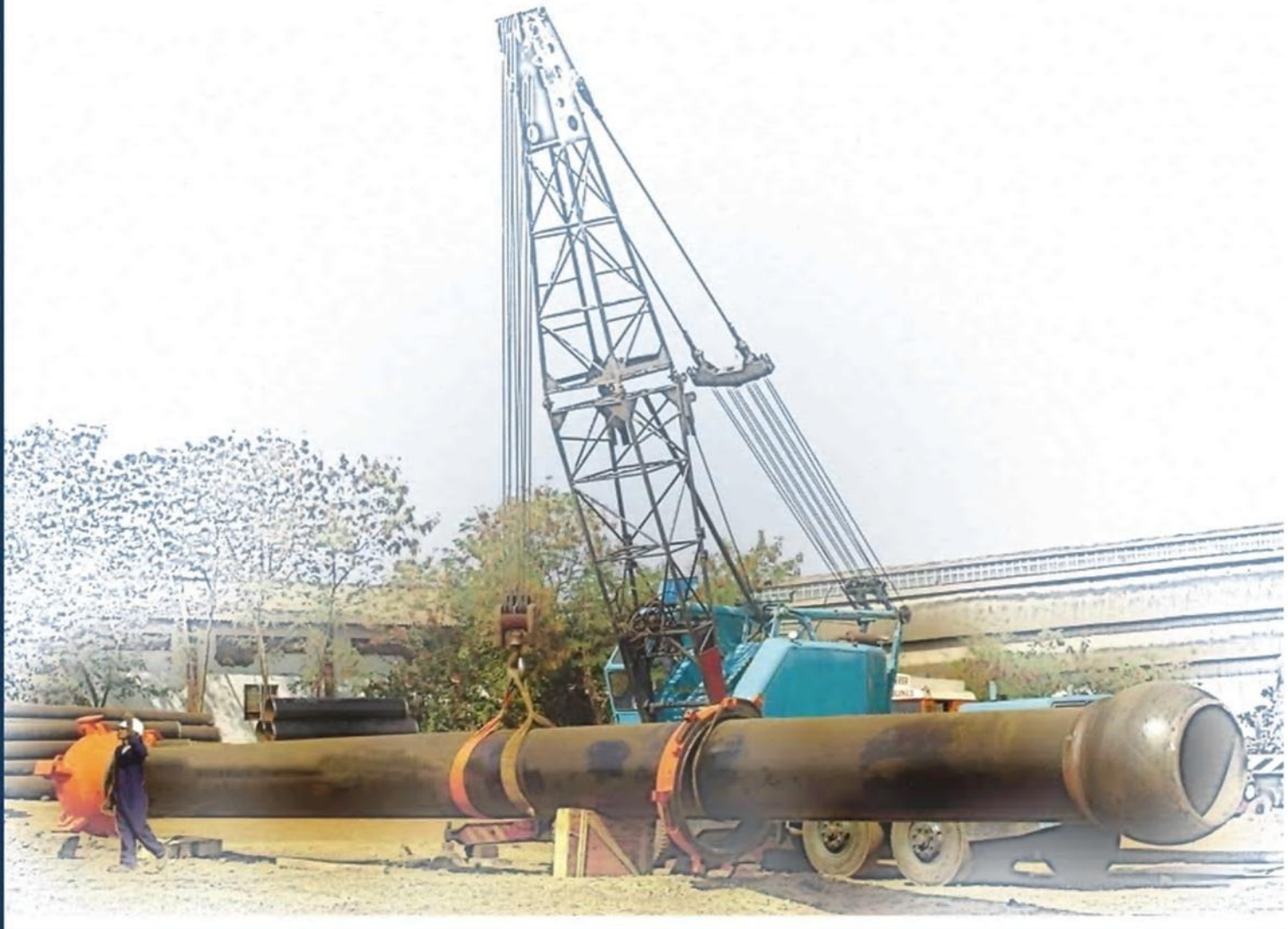


Lalit[®]

Pipes & Pipes Limited



Tonnes of Experience Behind Each Kg.[®]

*Quality Pipes at Delight Price,
on Time, Every Time[®]*





Managing Director & CEOs Message :

Welcome to Lalit!

I take this opportunity to introduce Lalit Pipes & Pipes Ltd., the flagship venture of the Lalit Group, which entered the piping solutions industry as a manufacturer of Carbon & Alloy Steel Longitudinal Submerged Arc Welded (L-SAW) pipes in India in 1997.

Lalit, always passionate about creativity, was founded by late Mr. M. M. Diler who pioneered his footing in the steel markets of India in the 1970s. From then, the Group today deals in carbon steel as well as non ferrous or alloy steel products. Adding to our growth story, the Group today has entered its phase of third-generation entrepreneurs, who have scaled & diversified the Group into a steadily growing ₹ 3000 million venture.

As for our Product Line, Lalit offers a wide range of piping solutions in Carbon & Alloy Steel including small diameter high thickness pipes. Apart from the generic pipes, the Company is adept at providing piping solutions which caters to extreme & critical applications in some key sectors as well. The Company has added to its product line another niche product, Pressure Vessel for Human Occupancy i.e. PVHO Chambers of various capacities which is gaining popularity in the Defence & Medical Sectors as well.

Further a glimpse of our state-of-the-art, eco-friendly facility will ascertain that the Company not only says, but is also equipped to fulfill this promise of quality & timely delivery. It would benefit you to know how well Lalit's Value Chain system works to ensure that we live up to our promise to provide beyond the realms of manufacturing.

Lalit is a community of talented driven people, committed to customer satisfaction. Efforts by the Company ensure that there are consistent upgrades not only to the equipment, but also in terms of training, personnel, inter-department and value chain relationship building aspects.

Experience certainly counts, both in terms of decades as well as tonnage. Since inception, Lalit has partnered various projects and companies, both private and government owned, across sectors like Cement, Fertilizers, Oil & Gas, Petro-Chemicals, Power, Steel, Water etc. The Company is not only a registered vendor to major companies but is also certified and listed with significant consultants owing to its consistent and competent offerings. The pages ahead will draw your attention to this aspect of the Company too.

In a nutshell, this message is our effort to provide details not only on what the Company offers as a product but what you can be assured of when associating with the brand – Lalit!

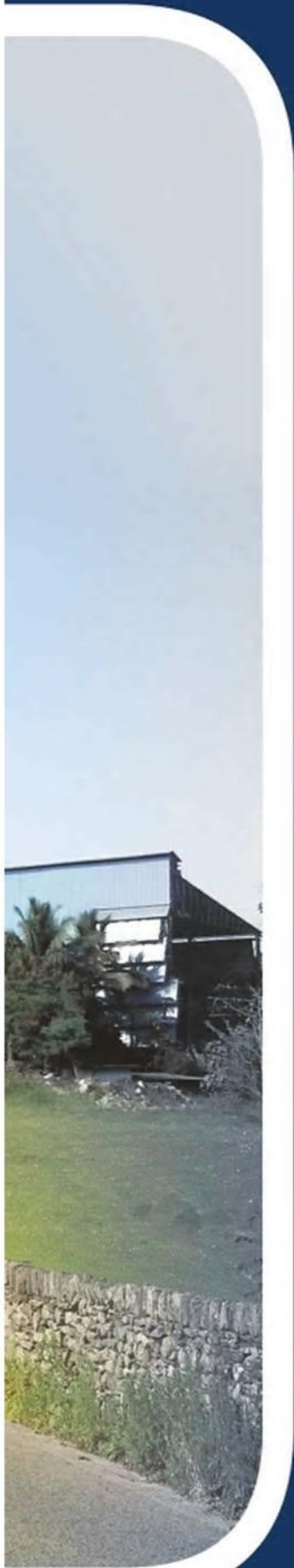
I hope with this catalogue, we provide you noteworthy insights on associating with Lalit Parivar* and more.

Wishing you a Lalit experience!
Best Wishes,

Salim Diler
Managing Director & CEO

** Lalit Family*





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PRODUCTS

Product Range

We manufacture L-SAW Pipes of a wide spectrum suiting

- Outside Diameter : 14" to 130" or 355mm to 3300 mm
- Wall Thickness : 5 mm to 110 mm
- Length : Double Random Length of 12 meters

Applications

- IS - 3589 : Steel Pipes for Water & Sewage
- API - 5L : Steel Pipes for Pipeline Transportation Systems
- API - 2B : Structural Steel Pipes
- ASTM - A - 671 : EFW Steel Pipes for Atmospheric and Low Temperatures
- ASTM - A - 672 : EFW Steel Pipes for High Pressure Service at Moderate Temperatures
- ASTM - A - 691 : EFW Carbon & Alloy Steel Pipes for High Pressure Service at High Temperatures





We are capable of manufacturing using specialized grade material like P11, P22 and more.
We can also manufacture as per specific customer requirements.
Our unique skill sets and production facility help us to manufacture other niche products like
PVHO (Pressure Vessel for Human Occupancy) Air Chambers and Cones as well.
For more information write to marketing@lalitsawpipes.com



MANUFACTURING FACILITY

SOME OF OUR MAJOR MACHINERIES AND QUALITY EQUIPMENTS

PLATE BENDING MACHINE FOR HIGH THICKNESS is a state-of-the-art equipment capable of rolling up to 110mm thickness with a minimum inside diameter of 902mm. The hardened rollers ensure good pipe finish on the inside surface as well. The equipment is also capable of rolling cones with a minimum inside diameter of 902mm and maximum thickness of 55mm.

PROGRESSIVE FORMING MACHINE is used for forming pipes from outside diameters ranging from 355mm to 1625mm and thickness up to 32mm, with a length of 12 mtrs.

12M LONG 3ROLL BENDING MACHINE can roll plates of maximum 12mm thickness, 406mm outside diameter onwards. The in-built rollers enable smooth rolling out of finished pipe for the next manufacturing process station.

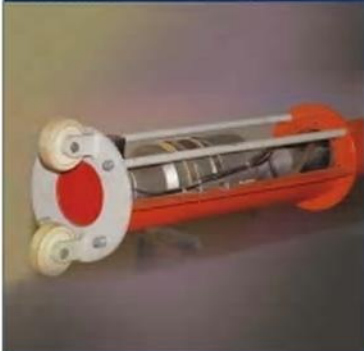
Adequate numbers of hi-tech **SUBMERGED ARC WELDING STATIONS** of Lincoln USA, suitable for inside and outside welding have been placed to ensure smoother and swifter movement of the production process.

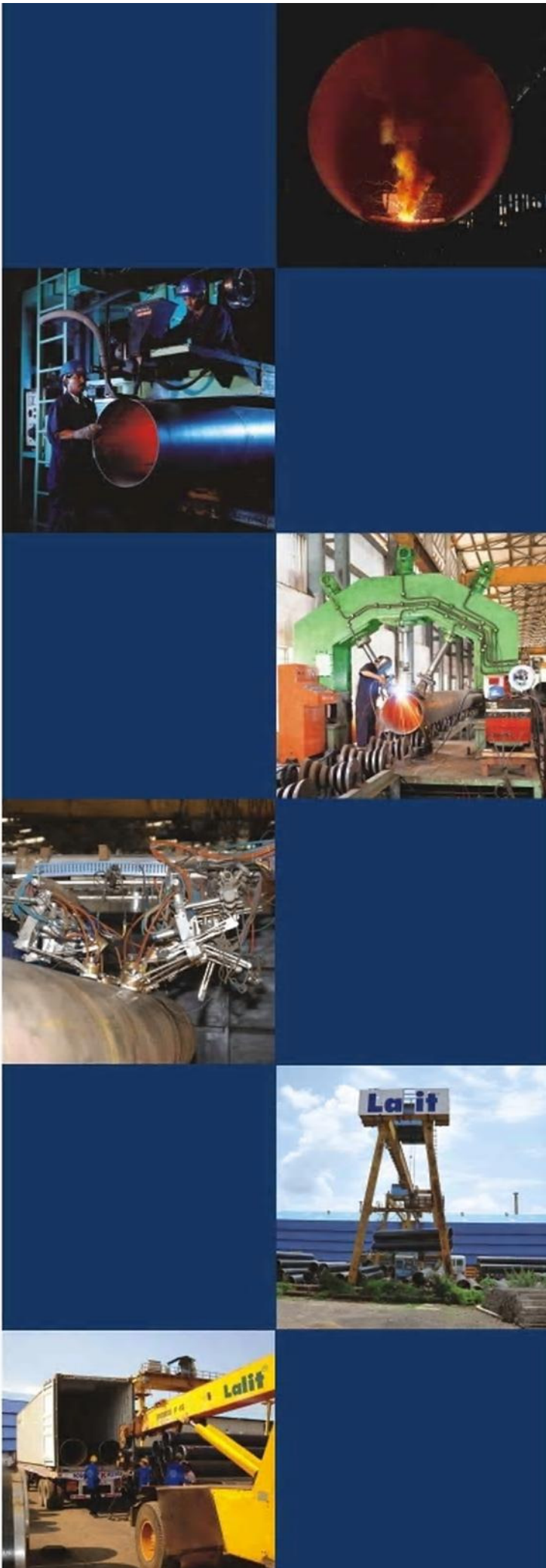
HYDROSTATIC TESTING MACHINE can accommodate pipes from 306mm to 1836mm, with a maximum pressure developed of 350kg/cm². The fully hydraulic operation is controlled through a manned panel. The hydro test graph provided by this system can record the pressure test results.

Multiple eco-friendly **HEAT TREATMENT FURNACES**, capable of accommodating procedures like stress relieving, normalizing, annealing and tempering, all in-house itself.

The testing laboratory is equipped with a **SPECTROMETER** used for chemical testing of plain carbon steels, low alloy steels and stainless steels.

REAL TIME RADIOGRAPHY is another state-of-the-art equipment used for inspecting the weld quality of pipe welds with the help of good quality image. This machine provides instant reports of the weld quality of new welding processes and is also used to check the pipes for defects before they are sent for conventional x-ray process. The system can take a digital image as well as store it for future reference.





SALIENT FEATURES

Strategic Location : Located abutting the National Highway 8 (NH-8), about 108 kms from Mumbai, the facility is even closer to Jawaharlal Nehru Port Trust (JNPT) & Indira Gandhi Docks. Thus, an advantage when transporting or shipping goods either in containers or as break bulk cargo.

Handling Facilities inside the Works : Of the total plant area of 2,92,000 sq mtr, about 40,000 sq mtr is under covered sheds. The manufacturing area has Electrically Operated Tracks i.e. EOTs for material handling. Some machines also have dedicated cranes to ensure optimum production capacity.

Miscellaneous Material Handling Facilities : Availability of additional mobile handling facilities like mobile cranes, truck and trailers support material handling for the movement of materials anywhere in the plant open area.

Dispatch Area : A demarcated dispatch area of 5200 sq mtrs, with an average loading capacity of 100 metric tonnes per day ensures smooth flow of finished goods out of the facility.

Power Backup : Adequate stand-by in-house power capacity to support production.

In House Project Development Team : Lalit has a dedicated R&D team to ensure consistent and continual upgradation & modification of equipment & manpower. This helps to both cater to upcoming requirements as well as widen scope of manufacturing and related activities.





Lalit® PIPE



Satellite View of Lalit Facility, India
GPRS Location : 19.6086, 73.3968



VALUE CHAIN MANAGEMENT



Fig. 1. Value Chain Management at Lalit & Sectors



Boilers



Chemicals



Dredging



Fertilizers



Oil and Gas



Petro-Chemicals



Petroleum Refinery



Power, Nuclear, Thermal & Hydro



Steel



Water

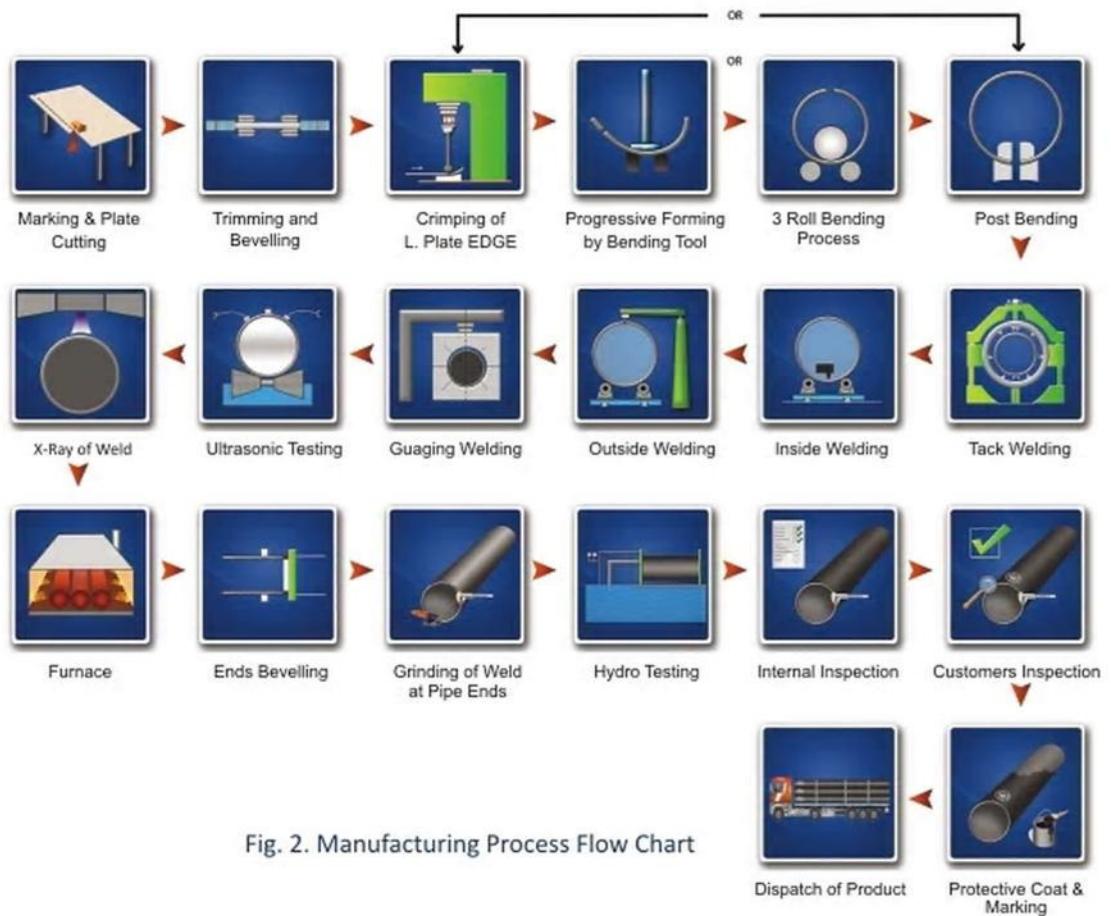


Fig. 2. Manufacturing Process Flow Chart

The manufacturing process described is a small part of our entire chain of activities. A good product results not just from implementing the best standards, but also by incorporating regulatory prescriptions along with the requirements of the customers during the production process. The manufacturing process undertaken behind each pipe can be illustrated as in the Fig. 2

Each product at Lalit is a result of more than the manufacturing process. The idea is not just to produce a quality product, but to create a product which fulfills the customer's expectations and requirements as well.

The Value Chain Management at Lalit can be understood as illustrated in Fig.1 along with some of the sectors it reaches. The process evolved is such that each department/ activity is streamlined to perform this core function while ensuring that each department is a stake-holder in the overall output. While some activities like Manufacturing, Logistics, Quality Control etc. are core for value creation for our clients, without the support activities like Finance, Procurement, IT etc., it would be difficult and tedious if not an impossible feat.

Thus, the success of every pipe produced can be attributed to the smooth inter-department systems functioning at Lalit.

QUALITY APPROVALS & LICENSES

STANDARD INSTITUTIONS



Lalit holds approval certificates of ISO 9001: 2008, American Petroleum Institute (API), Bureau of Indian Standards (BIS), Steam Boiler Inspection Office (IBR), Technical Development Committee (TDC), Director General of Supplies and Disposal (DGS & D).



CONSULTANTS



INSPECTION AGENCIES



OTHERS



* Indicative list in alphabetical order

INDICATIVE PROJECT LIST



Andhra Pradesh Power Development Company Limited

2 x 800MW Krishnapatnam Power Project.



Bharat Petroleum Corporation Limited

Continuous Catalytic Regenerator Reformer (CCR) Project, Mahul Refinery | CCR Project (Offsites & Utilities), Mahul Refinery | Integrated Refinery Expansion Project, Kochi Refinery.



Brahmaputra Cracker and Polymer Limited

Petrochemical Complex Project, Dibrugarh | Brahmaputra Petrochemical Complex (BPC) Project, Lepetkata | Brahmaputra Petrochemical Complex (BPC) Project, Lakwa.



GAIL India Limited

Petrochemical Project, Pata and Vijapur.



Hindustan Petroleum Corporation Limited

Fluidized Catalytic Cracking Unit (FCCU) and Diesel Hydro Treating (DHT) Project, Mumbai Refinery | Diesel Hydrotreater (DHT) Project, Visakhapatnam Refinery.



Indian Oil Corporation Limited

AFCN Project, Bongaion Refinery | Vacuum Gas Oil Hydro treating (VGO-HDT) Unit, Gujarat Refinery | Residue Upgradation & MS/HSD Quality Improvement Project, Gujarat Refinery | IRUP Package-6B Project, Gujarat Refinery | Koyali - Ahmedabad Pipe line Project, Gujarat | Fluidized Catalytic Cracking Unit (FCCU) and Propylene Recovery Unit (PRU) Revamp Project, Mathura Refinery | Butadiene Extraction Unit and Naphtha Cracker Project, Panipat Refinery | Flare Header Project, Paradeep Refinery | PDRP Crude and Product Tank Farm-BOOT-3 Project, Paradeep Refinery | EPCM - 1, 2 and 3 Project, Paradeep Refinery | FCC and PRU Project, Paradeep Refinery | South Jetty Pipeline Project, Paradeep Refinery | Offsite & Utility Project, Paradeep Refinery | Paradeep Refinery Project, Paradeep Refinery.



Indian Strategic Petroleum Reserves Limited
Strategic Storage of Crude Oil Project, Visakhapatnam.



Mangalore Refineries & Petrochemicals Limited
Phase III Project.



National Fertilizers Limited
Ammonia Feedstock Conversion (AFC) Project, Nangal, Punjab | Ammonia Feedstock Changeover Project (AFCP), Bathinda and Panipat.



Nuclear Power Corporation of India Limited
Rajasthan Atomic Power Project (RAPP), 7 & 8 Power Project, Kota | Kakrapara Atomic Power Project (KAPP), 3 and 4 Power Project, Tapi, Surat.



Oil and Natural Gas Corporation Limited
ONGC, Konaban Gas Gathering Station, Tripura.



ONGC Mangalore Petrochemicals Limited
Mangalore Aromatics Complex Project (MARC).



ONGC Petro-Additions Limited
Dual Feed Cracker Unit (DFCU) & Associated Units (AU) Project & Polyethylene (PE) & Polypropylene (PP) Plant Project, Dahej | Inert Gas and Compressed Air (IAPA) Project, Opal Dahej.



Reliance Industries Limited
Sulphur Recovery Unit (SRU) Project, Jamnagar.

** Indicative list in alphabetical order*

TESTIMONIALS

Expect your cooperation (in project execution) same like this continually.



Samsung Engineering (I) Pvt. Ltd.

You do not require (have) any competition as you are very accommodating. Kindly continue with your timely deliveries as it is (the) most important (factor) in all project related activities.



L & T ENC – Hydro Carbon Mid & Down Stream

Good quality and timely delivery. Keep it up.



Indian Oil Tanking Ltd

(All) Orders have been executed by Lalit for our past & present projects in time. We appreciate all Lalit's employees for their efforts undertaken to complete our orders.



Heurtey Petrochem (I) Pvt. Ltd.

Lalit has done a very good work in terms of both quality and time schedule. Congrats for the excellent job done by you. It is really amazing to note that in such a short span of time this task has been completed by you. We wish for similar dedicated efforts in (the) future assignments also.



L & T ECC Division

Your quality is so good, we are unable to give (offer) suggestions (for places of improvement)



Chemtex Global

COMPANY PROFILE

Lalit Pipes & Pipes Ltd., formerly *Lalit Profiles & Steel Inds. Ltd.*, an ISO 9001:2008 company, the flagship venture of the **Lalit Group** is a fast growing, well diversified company established in 1970s, presently, managed with the support of an avidly dedicated professional team constituting the **Lalit Parivar***.

Emphasizing on eco-friendly initiatives, commenced its production of **Longitudinal Submerged Arc Welded Carbon Steel & Alloy Steel Pipes** in July 1997, the Company specializes in the manufacture of **small diameter high thickness spectrums** apart from **PVHO* Chambers and Cones**. The Company caters to the need of a wide range of pipes, making it the one-stop-shop solution for major pipe requirements of the industry.

Innovative at the heart of its business, the Company has developed various welding techniques to suit the client's specific requirements such as for **Micro Alloyed & Alloyed Steel Pipes, Low Temperature services in as weld conditions including API 5L, ASTM, IBR, AWWA Standards & to any other European or American specification or its equivalent**. The Company has also varied welding procedures for Petro Chemical applications such as for **Sour services, Hydrogen Induced Cracking & NACE application** and offshore requirements including **piling pipes**.

Within a short time span, the Company is a certified holder of the **ISI License, API 5L License for Pipes under PSL 1, PSL 2 & API 2B** and the certificate of approval for "**WELL KNOWN PIPE MAKERS**" by Central Boilers Board (**IBR**) in the category of **Steam Services Pipes**. Also, enlisted and approved by various consultants & reputed industries including government undertakings.

The Company caters to varied industries for applications as described above along with any other client specific requirements. The Company motto is to provide "Quality Pipes at Delight Price on Time, Every Time."

*Lalit Family

* Pressure Vessel for Human Occupancy



Corporate Office :

212, Hermes Atrium, Sector-11, C.B.D.
Belapur, Navi Mumbai - 400 614. India.

T : +91 22 2756 11 69

F : +91 22 2756 11 73

E : info@lalitsawpipes.com

E : marketing@lalitsawpipes.com

GPRS Location : 19.01560, 73.03885

Plant :

Survey No. 77, Village Varaskol,
Nr. Khardi Rly. Stn. (C.R.)Tal. Shahapur,
Dist. Thane - 421 304, Maharashtra. India.

T : +91 2527 244161 / 65 | 244322 / 23

F : +91 2527 244061

E : plant@lalitsawpipes.com

GPRS Location : 19.6086, 73.3968