




## Our Vision

Our Vision Is to Become a Largest Global Manufacturing Business in Casting.

## Our Mission

Our Mission Is to Become a Leader in Sand Casting in India. We Always Believe in New Developments With a Vision for Tomorrow, to Meet the Challenges of Tomorrow Today, Think Long Term, So That Our Sweat Given Today Will Be the Sweets of Tomorrow



## About our Company

**Laurus Technocast Pvt Ltd. (LTPL)** is an ISO 9001 : 2015 Company located in Rajkot Region, INDIA and manufacturing various kinds of products in Sand Casting. We are well known Sand Casting foundry in India. We are one of the major Sand Casting Products Manufacturers & Exporters in India. We manufacturing standard quality machined casting components including, Rotating machinery casings, auto components, valve components, industrial valves and exports across the globe. Our aim to provide high quality casting components with ferrous and nonferrous material such as Stainless Steel, Alloy Steel, Carbon steel, Super Alloys, Resistance Steel, Heavy Melting Steel, Wear Resistance Alloy, Ni Based Alloys like Inconel's, Monel's, Cast Iron & Non Ferrous like Aluminium and Copper based alloys etc. We are following International standard tolerances & dimensions for manufacturing Sand Casting Products.

**LTPL** is Specialized in highly cored castings, Simple & complex designs, in small & large volumes. Capabilities include tooling, heat-treating, machining, polishing & painting.

Our objective is to serve superior industrial solutions and mechanical capabilities through cutting edge technologies, intensive research & development, superior quality standards and on-time delivery approach.

## Process Cycle



## Our Products

### AGRICULTURE PRODUCTS



### AUTOMOBILE



### BOILER PARTS



### DEFENCE



### INDUSTRIAL VALVES



### FIRE FIGHTING PARTS



### EARTH MOVING PARTS



### MARINE



### OIL AND GAS



### POWER PLANT



### PUMPS & ROTATING PARTS



### PLUMBING PARTS



## Our Capability

Product Development Capacities	Production Capability
<ul style="list-style-type: none"> <li>Raw material sourcing and procurement</li> <li>Sample Production.</li> <li>Process and Product Improvement.</li> </ul>	<ul style="list-style-type: none"> <li>Stainless Steel, Copper Alloys &amp; Aluminium Alloys.</li> <li>Made to order alloy as per customer requirement.</li> <li>Weight of Single Piece is upto 500 Kgs in Sand Casting</li> <li>Size as per customer requirement.</li> </ul>
Production Facility	Capabilities & Applications
<ul style="list-style-type: none"> <li>CAD/CAM Engineering Facility.</li> <li>Tool Room/ Machine Shop.</li> <li>Induction- Melting Furnace of 150 kg, 300 kg &amp; 750 kg.</li> <li>Shot Blasting, Sand blasting machine, Air Plasma Cutting Machine and Squeezing Jolting machine for sand casting heavy production.</li> <li>Heat Treatment Furnace.</li> <li>Conventional Machining Facility.</li> </ul>	<ul style="list-style-type: none"> <li>Stainless Steel - Cf8, CF8M, CF3, CF3M, CN7M (Alloy20), CA15, CA40, etc.</li> <li>Nickel &amp; Cobalt based Super Alloys viz, Monel, Inconel, Haste Alloy B&amp;C, Stellite etc.</li> <li>Low Alloy Steels.</li> <li>Low &amp; Medium Carbon Steel.</li> <li>Aluminium Alloys.</li> <li>Magnesium Alloys.</li> <li>Titanium Alloys.</li> <li>Brass &amp; Bronze Alloys.</li> </ul>

## Testing Facilities (Physical & Chemical Testing)

- Fully computerized Universal Testing Machine.
- Hardness Testing Machine and Impact Testing Machine to ensure the mechanical properties.
- The quality of the incoming material such as alloys and scraps with irregular metal surfaces are checked by wet analysis method.
- Optical Emission Spectrometer has 24 analytical Channel along with Nitrogen is used to ensure the chemical composition of the metal.



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