



**Shivam  
Technocast**



# About us

Since 2007 Empowering Industries, Inspiring Innovation

Welcome to Shivam Technocast, a name synonymous with precision engineering and innovation. Established in 2007, we have been at the forefront of the industry, providing cutting-edge solutions in various sectors such as VALVES, PUMPS, General Engineering, Railway, Automobile, Boiler & Turbine, and more. With over a decade of unwavering commitment to quality, integrity, and customer satisfaction, we have earned a reputation as a trusted partner in the global marketplace.



## 8 Reasons Why STC



State-of-the-art



Large to Small Series



Skilled Employees



Raw Materials



Consistent Quality



Quick Response



Vision to Growing



Complete Solution



## Our Mission

Our mission extends beyond the products we offer. We aim to continuous improvement within our organisation, nurturing our talented workforce to stay at the forefront of technological advancements. Through determined research and development, we strive to develop solutions that not only meet current industry demands and meet the future challenges.



## Our vision

Our vision is to be a global leader in engineering solutions, shaping tomorrow's engineering landscape today. We envision a world where innovation knows no bounds, where our products and services drive progress and sustainability across diverse industries. By leveraging our expertise and staying committed to excellence, we aspire to be the go-to partner for business.



# Manufacturing Process



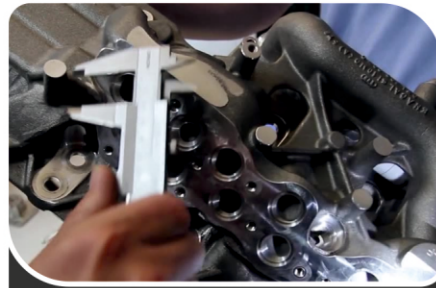
**Tool Development**



**Methoding**



**Heat Treatment**



**Inspection**



**Shell Pre-Heating**



**Melting**



**Chemical Analysis**



**Pouring**



# Product Capabilities

- **Plant Capacity 5 Ton per Day**

- **SUPPLY CONDITION**

- Raw, Finished, packing, assembled, graded casting or as per customer's requirement

- **Product Handling Capability**

- Size : (LxWxH) 700 mm X 700 mm X 700 mm
- Wall thickness : From 2.5 mm to 50 mm section
- Weight : 800 gram to 60 kg/piece

- **Value Addition**

- Machine, CNC Turning, Milling, Grinding, VMC / HMC Machining, Core Shooter

- **Surface Treatment**

- Satin Finish

## Material Handled

- Carbon
- Celicon
- Manganin
- Hardness



## Our Strengths

- **Technical Expertise:** A strong understanding of casting processes, materials, and technologies relevant to their industry, allowing them to produce high-quality components.
  - **Quality Control:** Effective quality control measures to ensure that their cast products meet industry standards and customer specifications.
  - **Advanced Equipment:** Investment in state-of-the-art casting equipment and technology to enhance efficiency and precision in the casting process.
  - **Experienced Workforce:** A skilled and experienced workforce with expertise in casting techniques and materials.
  - **Diverse Product Range:** The ability to produce a wide range of cast components, catering to various industries and applications.
  - **Research and Development:** A commitment to research and development to stay up-to-date with the latest casting innovations and technologies.
- Customer Relationships:** Strong customer relationships and a reputation for delivering products on time and meeting customer needs.
- **Cost Efficiency:** Effective cost management strategies to remain competitive in the market.
  - **Environmental Sustainability:** A focus on environmentally friendly casting processes and materials to meet sustainability goals and regulations.



## Industries Served

GENERAL ENGINEERING | POWER PLANT EQUIPMENTS | AUTOMATIVE  
MARINE | INDUSTRIAL PUMPS & VALVES | BOILER & TURBINE PARTS  
RAILWAYS & DEFENCE | MEDICAL IMPLANTS | Agriculture  
Diesel Engine Parts



# Quality Assurance



## Possible Testing

- Chemical Composition
- Hardness
- Magnetic Particle Inspection
- Carbon
- Celicon
- Manganin
- Hiting Temprature

## Laboratory Equipped With

- Bruker Germany made Optical Emission Spectrometer & CRM Samples
- Universal Testing Machine with Extensometer with 20 Tonne Capacity
- Impact Testing Machine
- Brinell Hardness Tester
- Rockwell Hardness Tester
- Nil Ductility Testing Machine (Fracture Toughness Test)
- Profile Projector RPP 250D
- 70° C Cold Chamber for Test Bar
- Broaching Machine for Impact Test Bar
- X-Ray Film Viewer
- Measuring Instruments & Gauges



# Expanding **Global** Network



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Technocast**



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