



INSHAPER
TECHNOCAST PVT. LTD.

We Shape Future of Engineering

MANUFACTURER OF

**SAND CASTING
PRODUCTS**

AN AS9100D & ISO 9001:2015 CERTIFIED COMPANY



WHO WE ARE

ITPL is promoted by well known industrial group managed by dynamic, technically qualified & well experienced professionals. To achieve consistent quality, product reliability and on time delivery, our plant is equipped with the most latest & modern infrastructure and testing facilities to attain customer satisfaction.

ITPL is dedicated to provide quality sand casting by maintaining customer satisfaction in domestic & international market. We are engaged in manufacturing sand casting through Sodium Silicate Co₂ Moulding process as per customer's drawing and specifications.

**WEIGHT RANGE:**

30 K.G. TO 850 KG SINGLE PIECE

**DIMENSION RANGE:**

UP TO 1000MM IN LENGTH

**CASTING MATERIAL:**

We offer wide range of material by producing,

CARBON STEEL

AUSTENITIC & MARTENSITIC STEELS

SUPER AUSTENITIC HIGH ALLOYS

DUPLEX ALLOYS

NICKEL BASE ALLOYS

COBALT BASE ALLOYS

LOW ALLOYS

SUPER DUPLEX ALLOYS

INDUSTRIES WE SERVE

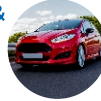
Oil & Gas
Industry



Pump &
Valve
Industry



Automobile &
Locomotive
Industry



Marine
Industry



Medical &
Surgical
Industry



Defense &
Aerospace
Industry



Hardware &
Tools
Industry



Agricultural
Industry



Food &
Beverages
Industry



General
Engg.
Industry



Earth Moving
Industry



Fire
Fighting
Industry



OUR FACILITY

Pattern Shop



Moulding



Core Making



Closing



Melting



OUR FACILITY

Scarp Area



Knock Out



Heat Treatment



Fettling Area



OUR FACILITY

Quality Area



Metal Testing Lab



Raw Material Testing Lab



Store & Dispatch



OUR FACILITY

SG Iron Specification

ISO 1083
American - ASTM A536
European - EN 1563
German - DIN 1693

Automobile



Agriculture



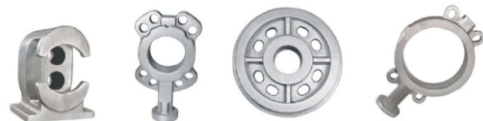
General Engineering



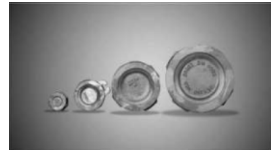
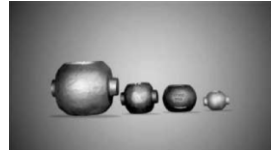
Power Transmission



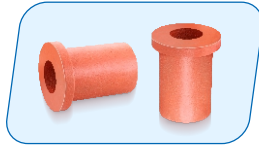
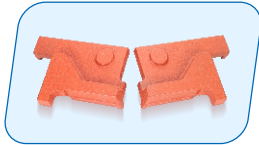
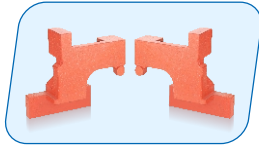
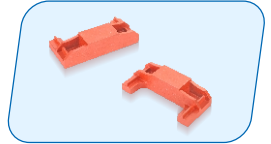
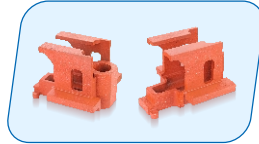
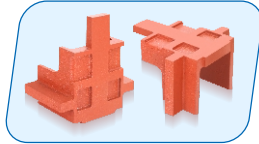
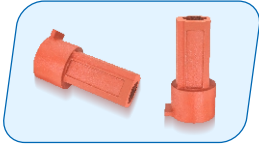
Chemical & Textile



OUR QUALITY **PRODUCTS**



OUR QUALITY **PRODUCTS**



OUR QUALITY COMMITMENT



Quality control & assurance is involved from enquiry intake to dispatch of completed parts. All input materials are checked and verified to meet specifications, standards as per quality plans at each stage of production process. Strict adherence to the standards, specifications and customer's requirement is demanded and met with. These ensures customer requirements are met through full understanding and attention to detail at all stages of manufacture.



OUR **QUALITY FACILITY**

➤ **SAND TESTING LAB**

1. Sand Siever for AFS Analysis
2. Permeability Testing
3. UTM Machine for Compressive Strength
4. Mold-Core hardness tester

➤ **NON DESTRUCTIVE TESTS**

Radiography Inspection Test

Ultrasonic Inspection Test

Magnetic Particle Test

Die Penetration Test

Gauss Meter (Magnetism)

Radiation Survey Meter

(Radio active contamination detection)

➤ **PHYSICAL TESTING LAB**

1. Spectrometer
 - Fe and Ni base Spectrometer with facility of N analysis.
2. Mechanical Testing
 - UTM capacity of 200 KN
 - Electronic Extensometer for 0.5 to 1% proof stress.
3. Impact Testing
 - Capacity: 300 J max.
 - Testing Temp: From 20°C to -196°C
4. Hardness Testing
 - Brinell Cum Rockwell Hardness Tester
5. Ultrasonic Wall Thickness Measurement

OUR CERTIFICATIONS



IATF 16949:2016



ISO 9001:2015



PED (Pressure Equipment Directive)

For Business Inquiry:



Investment Casting Factory

Survey No. 58 P4/P2/P1, Plot No. 1,2&3,
Daliya-Ribada Main Road, Village: Sadak Pipaliya
Dist: Rajkot - 360311, Gujarat (INDIA)

Contact:

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Thank you!