

















Since 2005, when we started our foundry we are unique in the foundry industry with combination of state-of-art machines and an experienced team. We are expert in Cast Iron and Ductile Iron Casting with an approachable and customer focused attitude. Our performance and personnel are second to none.

We operate under single tier management system, which allow us to provide you with spark-quick response to your demand. We have ability to manage & control the whole process of foundry from initial enquiry to finished casting.

We are experts in producing castings using various moulding processes, such as Green Sand Moulding, No-Bake Moulding, Cold Box and Shell Core Process.

AN ISO 9001: 2015 CERTIFIED COMPANY





### Salient Features

- Short run production casting: < 25 Pcs</li>
- Medium run production casting: 25-10000 Pcs
- Casting weight range: 0.4 Kgs to 400 Kgs Single piece



## Application









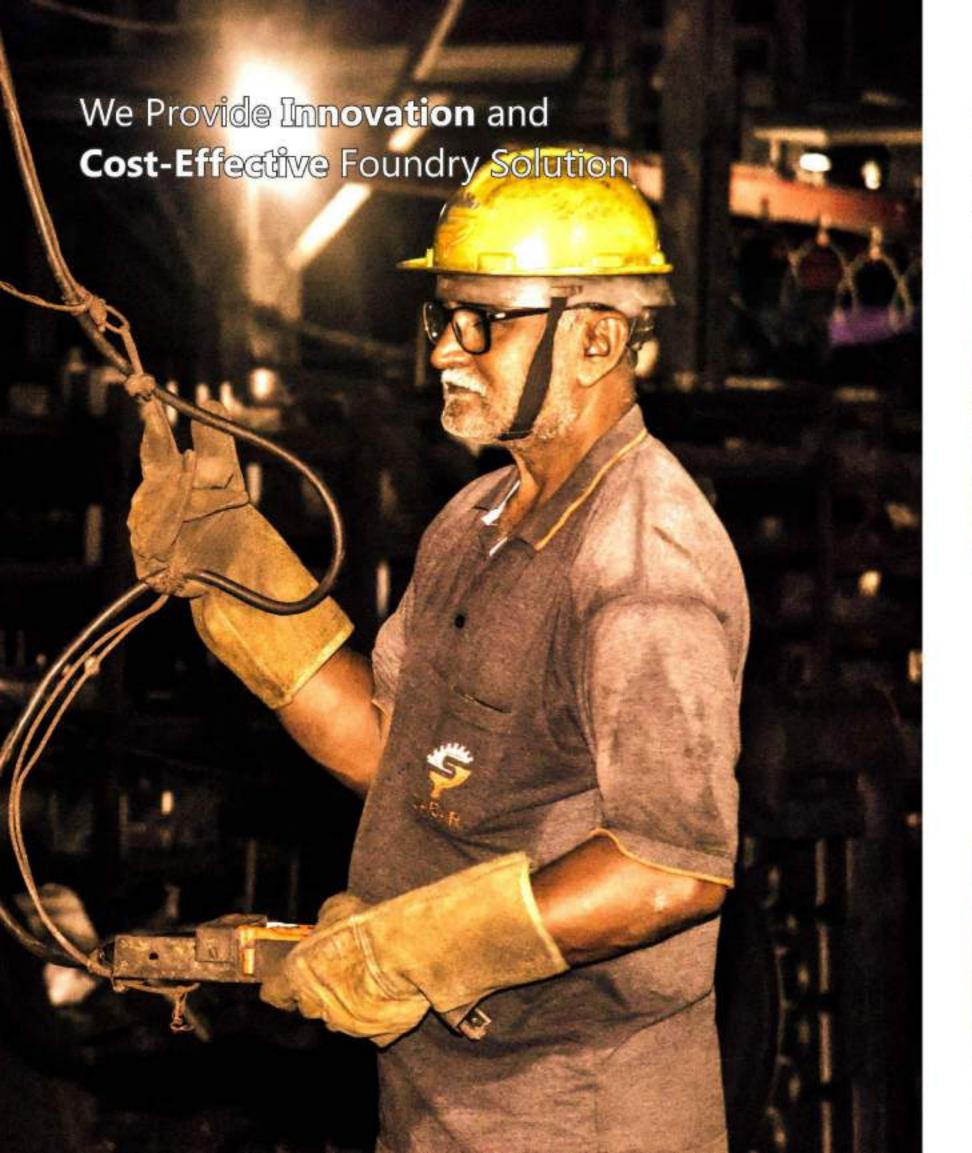












# **«** Manufacturing



We are producing casting in various moulding process like, Green Sand Mould, No Bake Mould, Cold Box and Shell Core process. We caters various Industries with fully finished Cast Iron and Ductile Iron Casting Products for both Local and Export Markets.















- Inductotherm 300 kg and 500 kg Induction Purnaces
- · Melting rate 45 minutes per metric tonne
- Pouring through EOT 5 MT crane to transfer on Direct Pouring Track



- + Tumble Blast Shot blasting machine 2 Nos.
- · Swing table Shot blasting machine 1 Nos.
- · Cutting through wedge breaker
- Bench and Other grinding facilities
- Spray and Dipping painting facilities



#### HIGH PRESSURE GREEN SAND HORIZONTAL MOULDING LINE:

- + Fully automatic sand plant 15 MT per hour
  - Online Sand testing by RTC Unit
  - Mould rate 60 Moulds per hour
  - Box size 600 x 600 x 150/250 & 250 / 250 mm

#### MECHANIZED ARPA 300 JOLT-SQUEEZE MOULDING LINE:

- Semi-automatic sand plant 6 MT per hour
- Mould rate 45 Moulds per hour
- Box size 450 x 550 x 150 / 200mms

#### CONVENTIONAL NO BAKE MOULDING LINE:

 Moulding box size up to 1000 x 1000 x 500 with weight maximum 350 Kgs.



#### PLC CONTROL COLD BOX CORE SHOOTER:

- CFM Malor 780 x 700 x 500 with upto 45 Kgs.
  Core Capacity 1 Nos.
- SUSHA Make 300 x 300 x 200 with upto 10 Kgs. Gore Capacity - Z Nos.
- SUSHA Make 400 x 400 x 300 with upto 15 Kgs.
  Core Capacity 2 Nos.

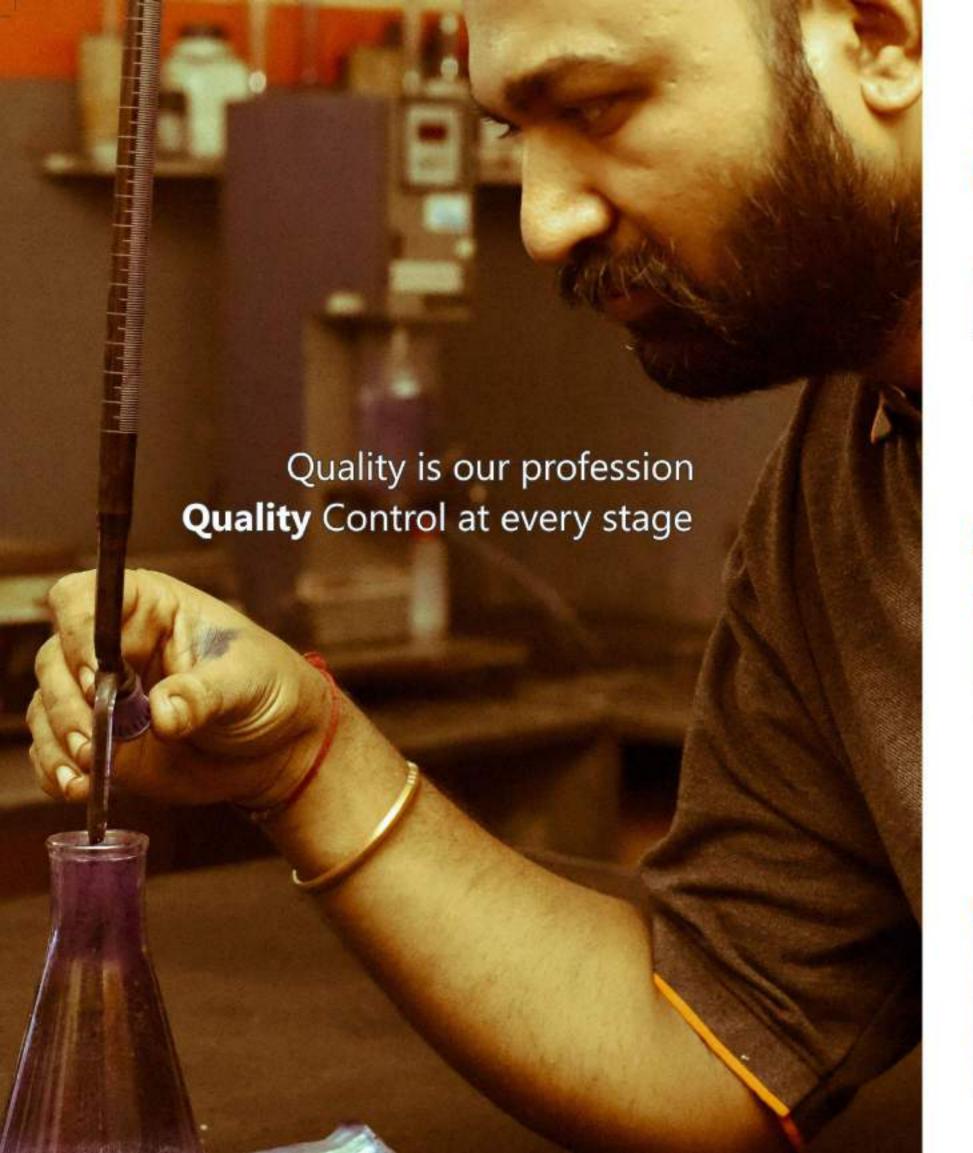
#### NO BAKE CORE:

- Customized made upto 100 Kgs. Core



- Vertical Machining Center 1050 2 Nos.
  - Vertical Machining Center 640 3 Nos.
  - CNC Machines 200 4 Nos.
  - CNC Mono 400 + 1 Nos.
  - Heavy Duty Lathe 3 Nos.

  - Special Purpose Machines 4 Nos.
  - Cordinate Measureing machine 700x1000x600 (Carl Zeiss)



# ≪ Testing ← Inspection



#### PECTOMETER



SPECTROMETER
 Our metallurgical lab utilizes sophisticated equipment to verify
 the chemistry by 19 channel Spectro-Maxx spectrometer.

100x to 1250x Standard magnification with image analyses.



### UNIVERSAL TESTING MACHINE



Tensile and Elongation Testing Capacity: 40 Tonnes

Capacity: 3000 Kgs.





#### AND TESTING



Green sand properties are continually monitored and controlled by PLC Based RTC Sand Control system. Sand properties are also verified manually using modern sand testing equipment.





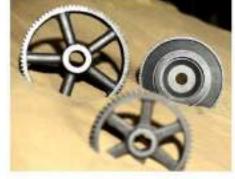
### Agriculture and Farm Equipment





Gear and Gearbox





Pumps





Automobile





Gearbox and Housing





Railways





Construction Equipment





General





Valves





■ Electrical Transmission





Hydraulics





Other Products



