

### SAGAR FEREX

Plot No. 1 to 5, Survey No. 73/1,  
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Weekly Off : Wednesday



Exports :



CANADA



UNITED KINGDOM



UNITED STATES  
OF AMERICA



NEW ZEALAND



GERMANY

**Ductile Iron & Cast Iron**  
Finished Casting.

An ISO 9001:2015  
Certified Company





## « About Us



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
- Medium run production casting: 25-10000 Pcs
- Casting weight range: 0.4 Kgs to 400 Kgs Single piece



## « Application





We Provide **Innovation** and  
**Cost-Effective** Foundry Solution

« 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.





# Endless Improvement and Development

## Process



### MOULDING



#### 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 / 200mm

#### CONVENTIONAL NO BAKE MOULDING LINE:

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

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

### MELTING & POURING



### CORE SHOP



#### PLC CONTROL COLD BOX CORE SHOOTER:

- CFM Make - 700 x 700 x 500 with upto 45 Kgs. Core Capacity - 1 Nos.
- SUSHI Make - 300 x 300 x 200 with upto 10 Kgs. Core Capacity - 2 Nos.
- SUSHI Make - 400 x 400 x 300 with upto 15 Kgs. Core Capacity - 2 Nos.

#### NO BAKE CORE:

- Customized made upto 100 Kgs. Core

- 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

### SHOT BLASTING & FETTLING



### MACHINE SHOP



- 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.
- Coordinate Measuring machine 700x1000x600 (Carl Zeiss)



Quality is our profession  
**Quality** Control at every stage

#### SPECTROMETER



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

100x to 1250x Standard magnification with image analyser ▶

#### MICROSCOPE



#### UNIVERSAL TESTING MACHINE



◀ Tensile and Elongation Testing Capacity: 40 Tonnes

Capacity: 3000 Kgs. ▶

#### BRINELL HARDNESS TESTER



#### SAND 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

