

A photograph of a foundry. In the foreground, a large, dark, rectangular mold is visible. A bright, glowing stream of molten metal is being poured from a ladle into the mold. The background shows industrial machinery and a dark, smoky atmosphere. The lighting is dominated by the intense orange and yellow glow of the molten metal.

# **SAGAR**

®

An ISO 9001:2015 Company

**Manufacturer's of All Types of  
C.I Casting & S.G Iron Casting**

# About Us

- We are pioneer manufacturers in the field of **C.I Casting & S.G Iron Casting.**
- We have a successful track record in the field **since the year 1975**
- As the years pass by and the remarkable growth tends the company to new levels of success
- The key to success of the firm is tremendous efforts, hard work and the belief in quality by all the people associated with the company and our well-wishers.
- We are an **ISO 9001:2015 certified** company.



Expert casting for industrial needs.



# Vision

In the times of supply chain solution being so critical & trouble making we want to evolve as a Hybrid foundry which ensures to be a one stop solution for OEM's complex procurement of Iron Casting commodity.

Overtime we have developed infrastructure at our state of the art facility to provide small & large castings to our customers with variable volumes with ease. Also not just castings we also provide machining to

Precision manufacturing, cast to perfection.

# Our Strength's

- Equipped with latest full automated plant & a capacity to produce **4300MT** annually.
- The facility is spread over **250000** sq m with built up area 100 % utilized
- We offer a wide range of Grey iron casting from **3kg to 400kg** and SG iron casting from **3kg to 400kg** of a single piece.
- With a facility of in house testing of sand and other parameters through our highly efficient lab equipment's.
- Fast Development of new products & competitive global pricing structure.
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## Casting Material Grades

### Grey Iron Casting

DIN-EN-1561	ASTM-A 48
EN-GJL-100	ASTM A 48 CLASS 20
EN-GJL-150	ASTM A 48 CLASS 25
EN-GJL-200	ASTM A 48 CLASS 30
EN-GJL-250	ASTM A 48 CLASS 35
EN-GJL-300	ASTM A 48 CLASS 40
EN-GJL-350	ASTM A 48 CLASS 45
	ASTM A 48 CLASS 50
	ASTM A 48 CLASS 55

### SG Iron Casting

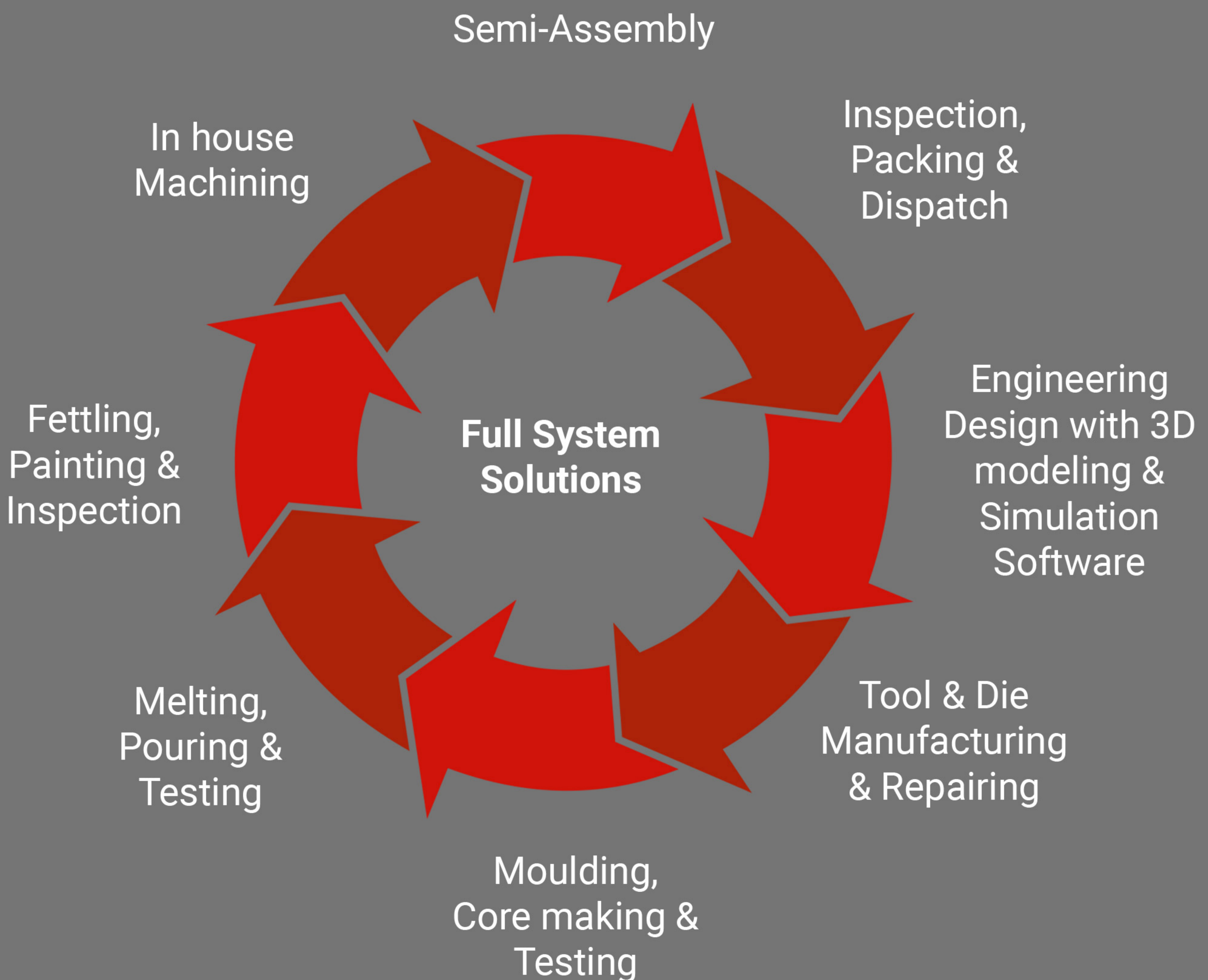
DIN-EN-1561	ASTM-A 536
EN-GJS-350-22	ASTM A 536 GRADE 60-40-18
EN-GJS-400-18LT	ASTM A 536 GRADE 60-42-10
EN-GJS-400-15	ASTM A 536 GRADE 60-45-12
EN-GJS-450-10	ASTM A 536 GRADE 70-50-05
EN-GJS-500-07	ASTM A 536 GRADE 80-55-06
EN-GJS-600-03	ASTM A 536 GRADE 80-60-03
EN-GJS-700-02	ASTM A 536 GRADE 100-70-03
EN-GJS-800-02	ASTM A 536 GRADE 120-90-0

Your partner in casting solutions.

**SAGAR**<sup>®</sup>  
ISO 9001:2015 COMPANY



# Casting Process



Metal casting redefined with expertise.



## Induction furnace

- Induction melting furnace with auto PDML system & IGBT base with mobile app monitoring
- 300kg(450KW) & 500kg(450KW)
- Company(Plasma Induction)

# Equipments & Technology

## Molding Machine

- Full Automatic ARPA 450-Stimulated Jolt Squeeze Molding Machine
- Box size : 600\*700\*500 mm
- Company(L.S Engineering)



Custom casting, superior craftsmanship.

**SAGAR**<sup>®</sup>  
ISO 9001:2015 COMPANY



## Green Sand plant

- Full mechanized automatic sand plant & automatic mold handling line
- Complete Automation for sand Additives & Homogeneous Sand
- Company(Castomech Technology LLP)

# Equipments & Technology

## No-Bake Sand Plant

- Full Automatic Sand Reclamation Plant & Continous Mixer For No-Bake Moulding (6 Mt/hr).
- Variable Box Size Offered As Process Is Hand Moulding.
- Company (Alfa Foundry Technogies)



Innovative processes, flawless castings.

**SAGAR**<sup>®</sup>  
ISO 9001:2015 COMPANY



## Core Making Machine

- Cold box core making facility ranging from 250 gm – 50 Kg core. Total of 3 machines.
- Company (CFM engineers)

# Equipments & Technology

## Shot Blasting Machine

- Inhouse Shot blasting facility consisting of 2 machines – Hanger type(500 Kg) and Tumbler.
- Company(Patel shot blasting)



Reliable castings, engineered for strength.

**SAGAR**<sup>®</sup>  
ISO 9001:2015 COMPANY





## Spectrometer

- Spectrocheck - 20 Elements
- Company (Spectro)

# Equipments & Technology

## Micro Structure Analysis

- Microscope With Software Analysis



Casting excellence, manufacturing innovation.

**SAGAR**<sup>®</sup>  
ISO 9001:2015 COMPANY

# Equipments & Technology



## Hardness Testing Machine

- AKB 3000
- Company (Fine Group Equipment)

## Universal Testing Machine

- TUE-C-400
- Company (Fine Group Equipment)



## Sand Testing

- In house testing facility for molding sand and core sand.
- Company (Versatile Equipment's pvt ltd)



# Equipments & Technology

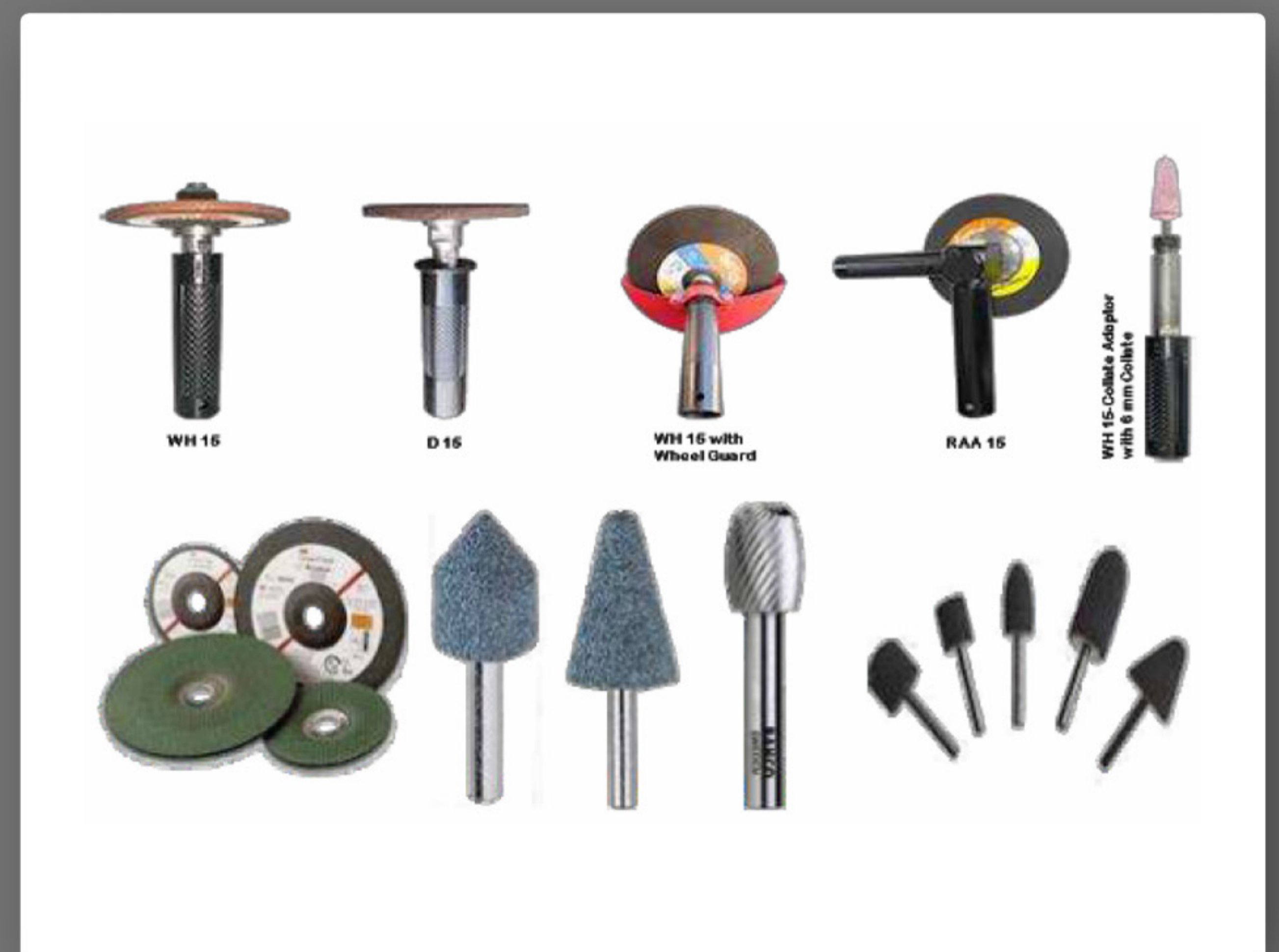


## Q.C Lab

- Complete Lay Out Inspection Of Castings

## Grinding And Fettling

- In House Grinding, Fettling & Painting Service



## Thermal Analysis System

- CE Meter With Real Time Software is a Advance Thermal Analysis System
- Company (Suyash solutions)

# Machining

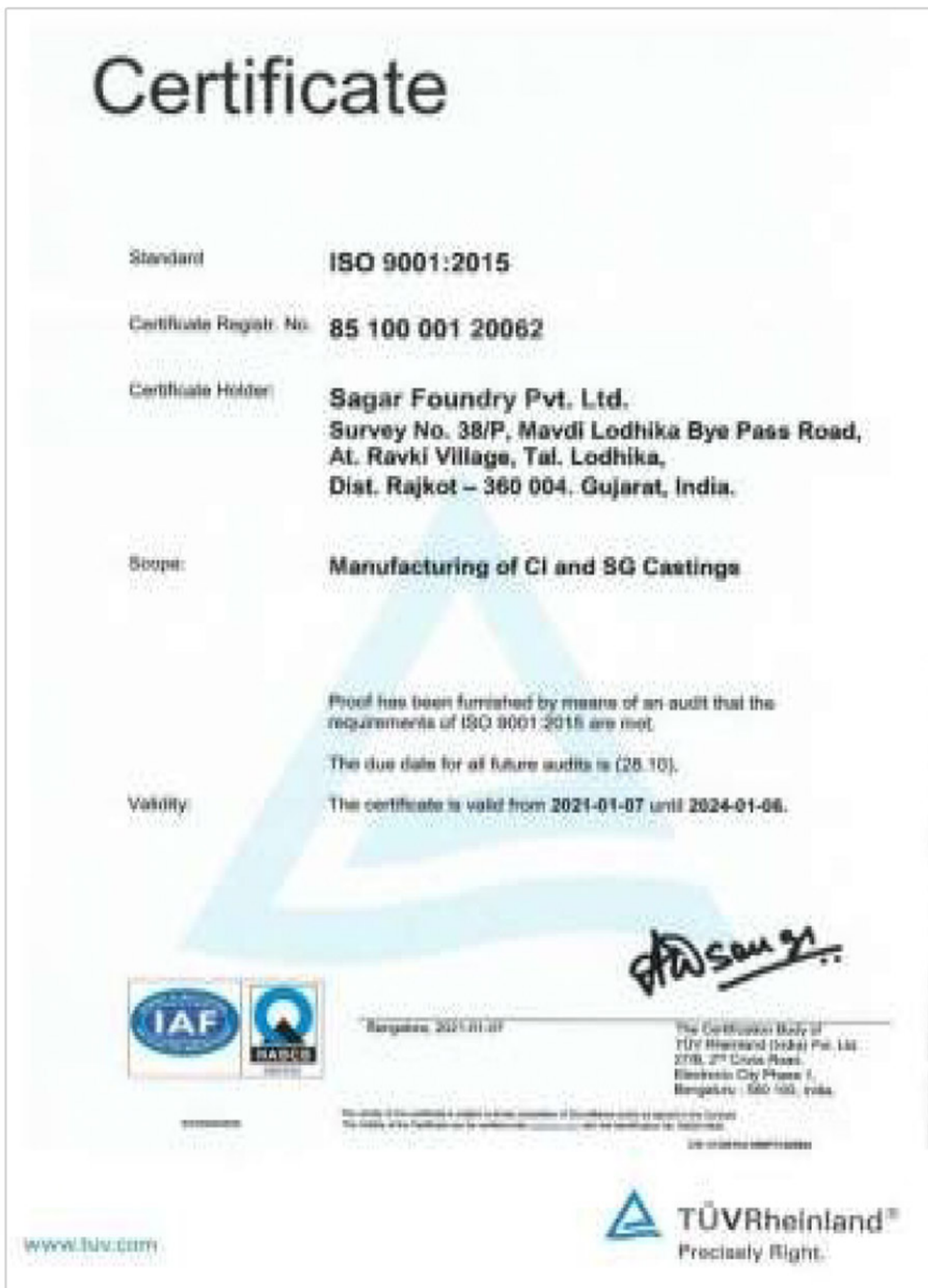


## In-House Machining Facility

MACHINE	MAKE	MODEL	TABLE SIZE	TRAVEL	ATC
HMC	HÜLLER HILLE	NBH	500*500	Ø700*1000	140
VMC	JYOTI	RX20	1000*530	850*500	24
VMC	JYOTI	RAX20	1000*530	850*500	24
TURNING	JYOTI	DX200	Ø 200 CHUCK	500	-

Quality castings for every industry.

# Certifications



**ISO 9001:2015  
(Tuv Rheinland)**



**Quality Policy**

## Industries Served

We are suppliers to major OEM's directly & indirectly to the following Industries:

- 1 Hydraulic Industry
- 2 Automotive Industry
- 3 Agriculture Industry
- 4 Earthmoving Industry
- 5 Electric motor Industry
- 6 Pump Industr
- 7 Civil & Construction
- 8 Machine tools

Our expertise is into Housings, Gear box, Transmission, Valves, Pumps & Electric motor parts.

Crafting excellence in every cast.

# Our Products



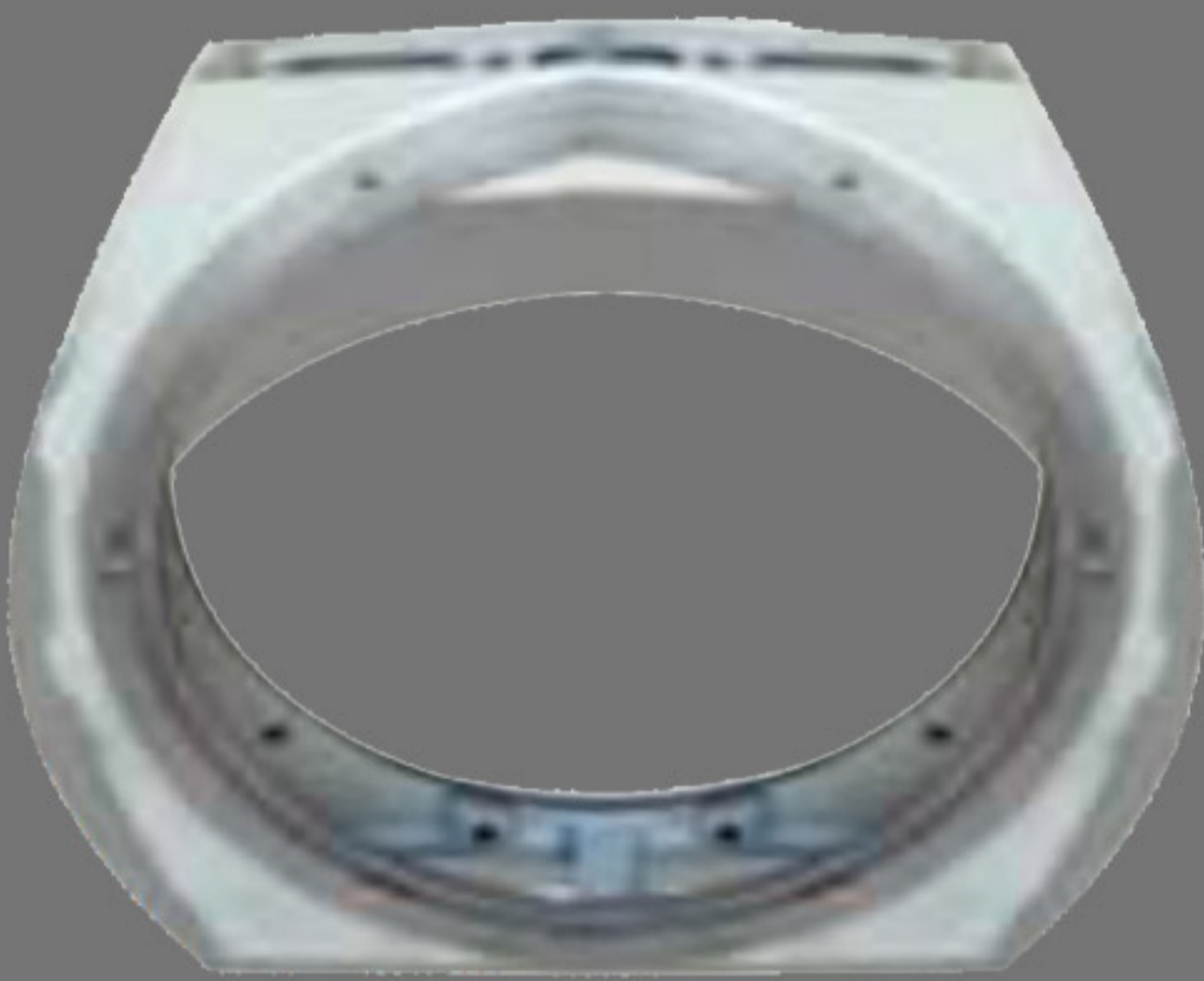
**Wheel Hub**



**Control Valve**



**Hydraulic Valve Chamber**



**Generator Adaptor**



**Rockshaft Housing**



**Rockshaft Housing**



**Anchor Cone**



**Rotavator Gear Box**



**Case Rear Transmission**



**End Shield Cover**



**Swivel Housing**



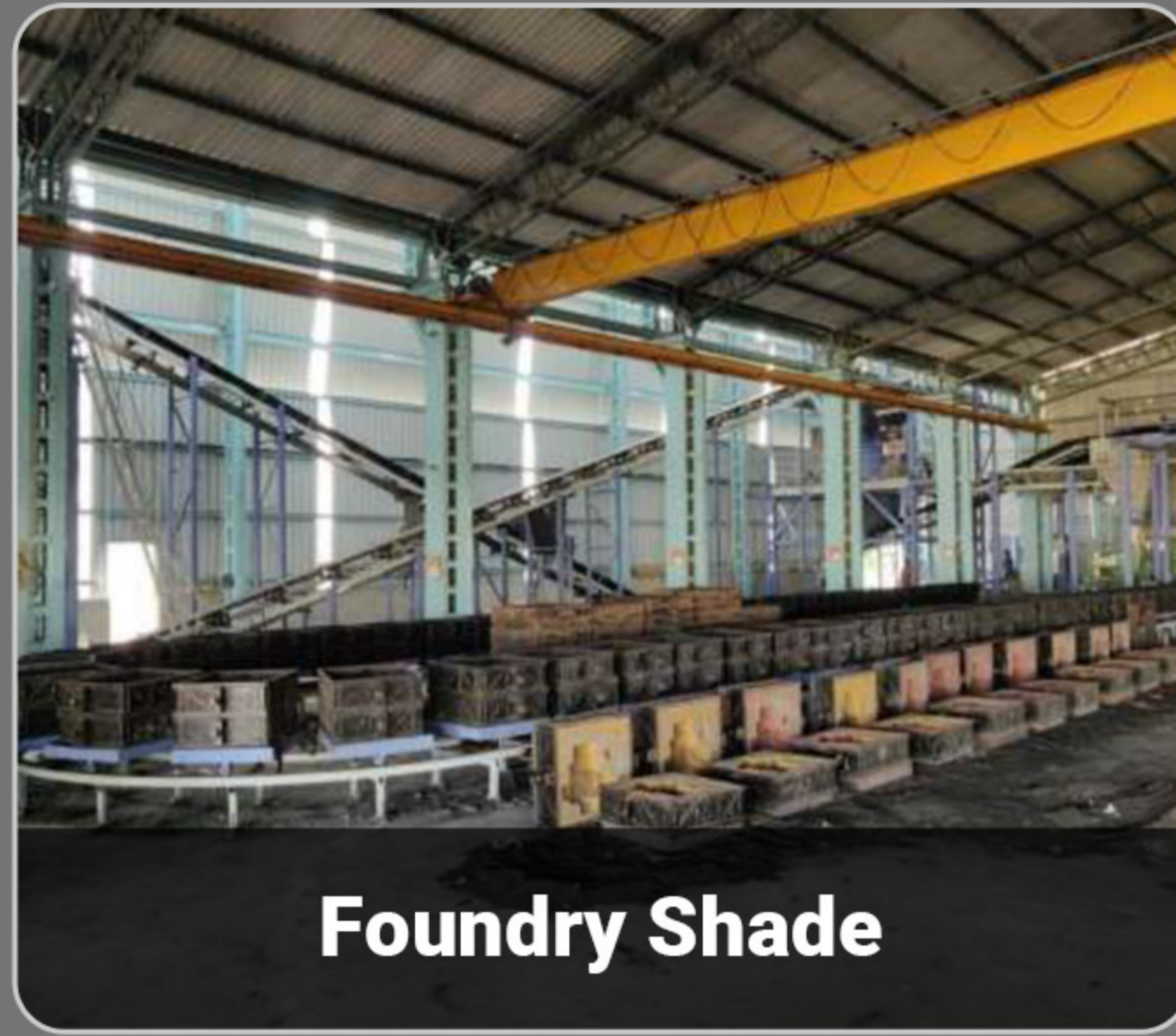
**Clutch Plate**

Innovative casting, reliable solutions.

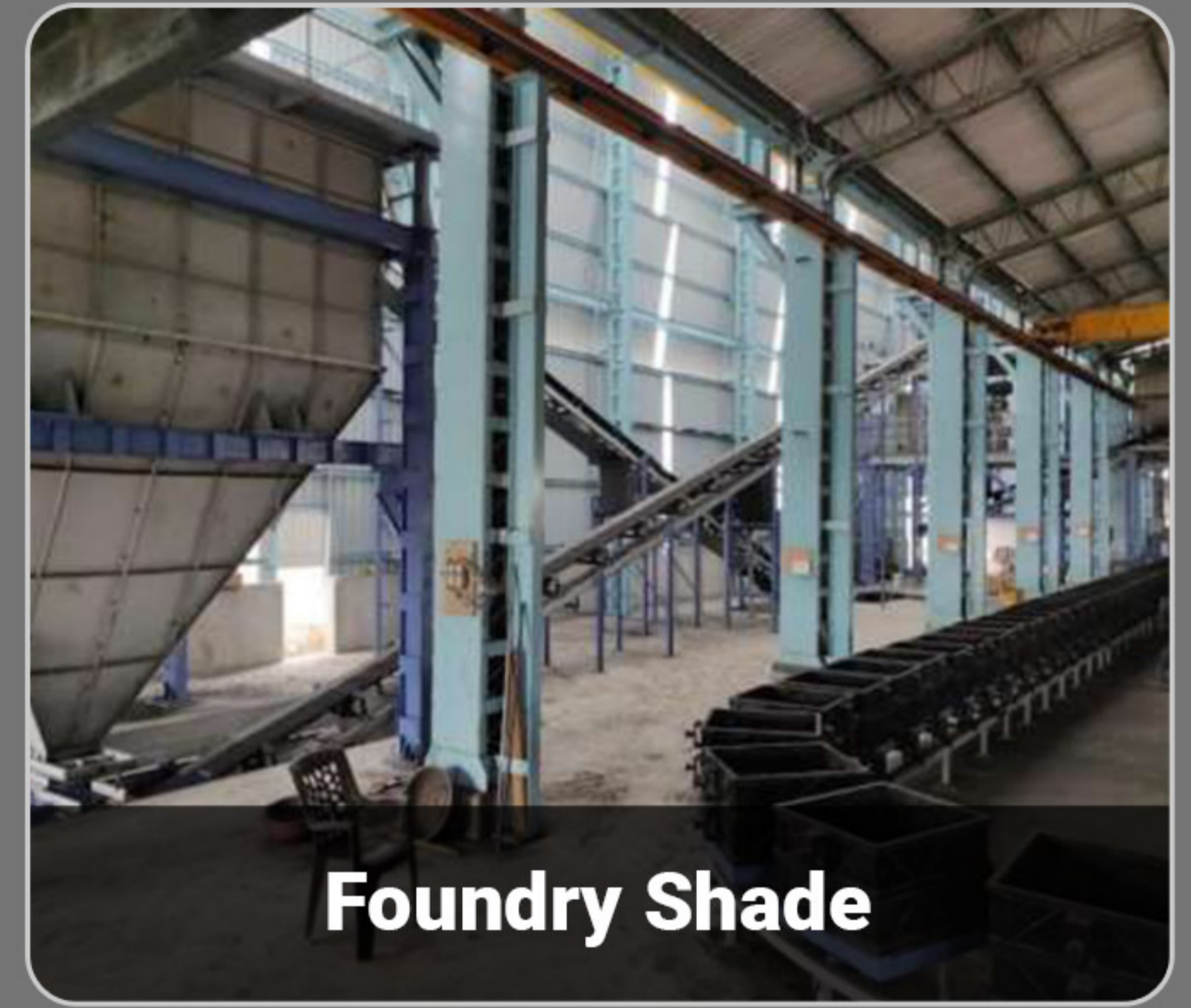
# Site Overview



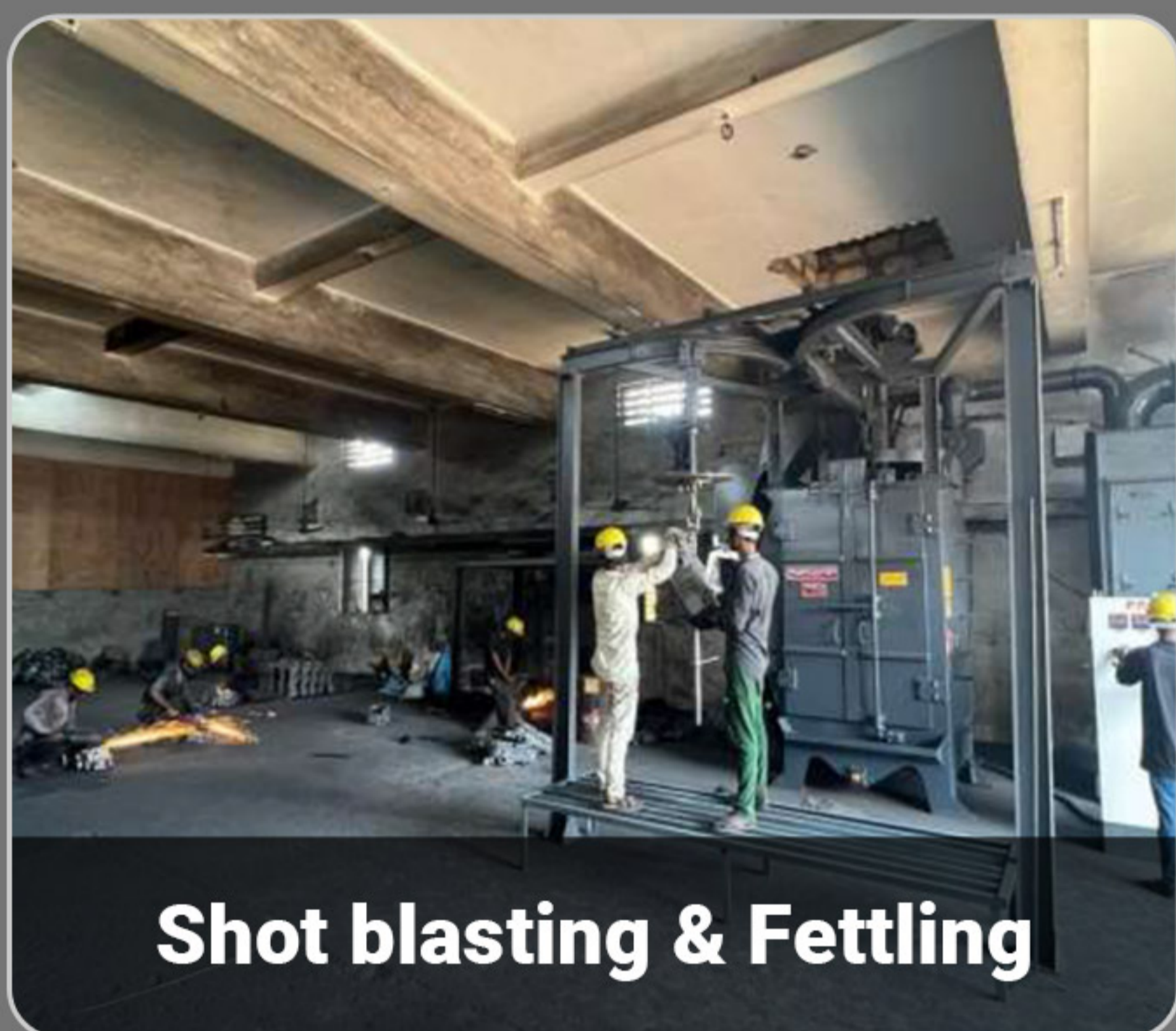
**Bird Eye View**



**Foundry Shade**



**Foundry Shade**



**Shot blasting & Fettling**



**FG Storage**



**Machine Shop**



**Machining**



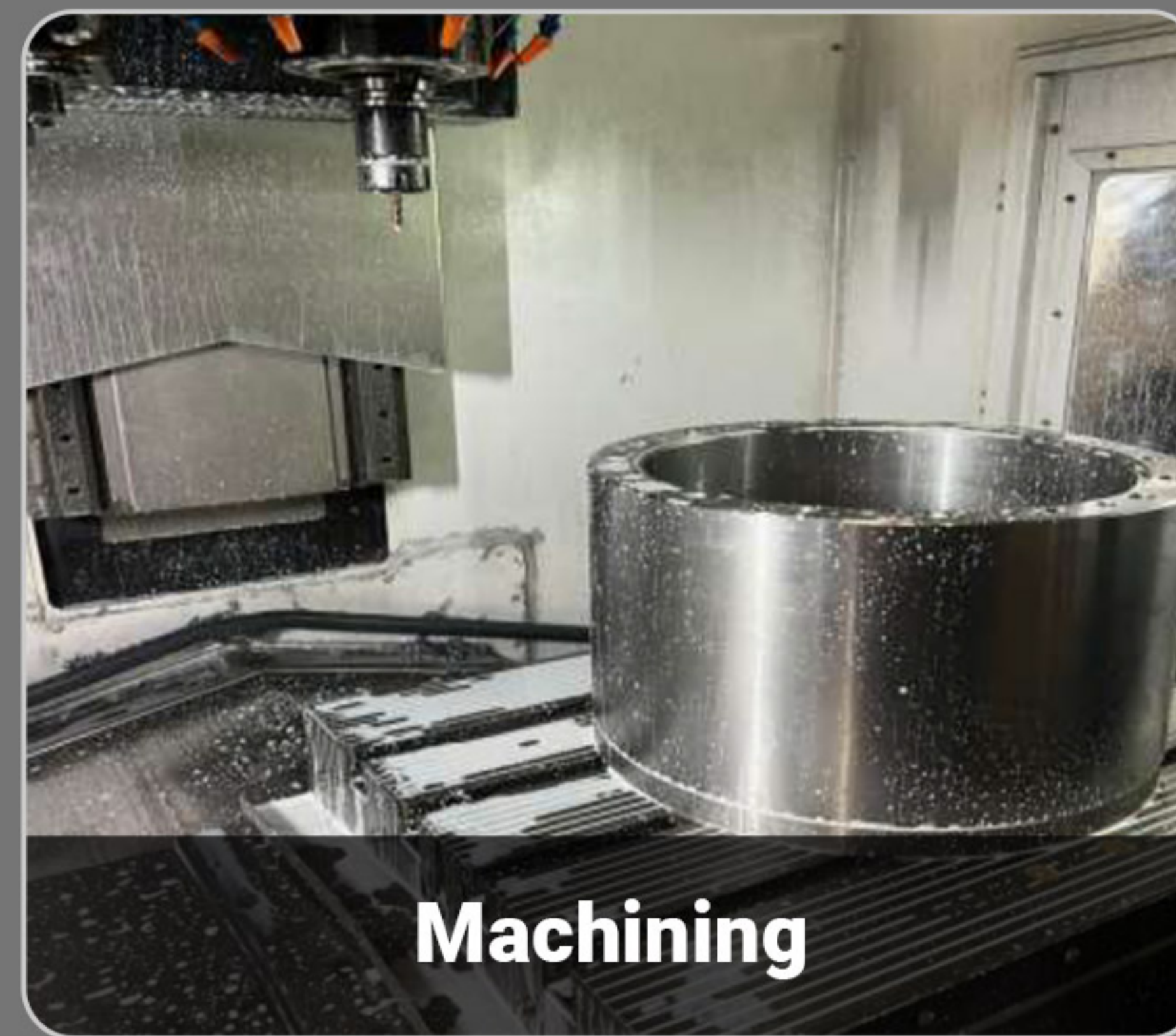
**Inspection**



**Dispatch & Forwarding**



**Pouring line**



**Machining**

High-quality castings, trusted results.

Scan QR Code



Location & Contact Us

## Sagar Foundry Pvt. Ltd.

Survey No. 38/P, At. Ravki  
Village, Tal. : Lodhika, Dist.  
Rajkot. Gujarat, India. Pin Code:  
360 005



Domestic Airport Rajkot-10  
Km International Airport  
Ahmedabad-245



MundraSea Port - 280 Km  
Kandla Sea Porta - 260 Km  
Nhava Sheva (Mumbai) Sea  
Port - 759 KM



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MR. Priyen Undhad Mo:  
**+91 9909008807**



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[www.sagarfoundry.com](http://www.sagarfoundry.com)

At Sagar, quality is non-negotiable

**SAGAR**<sup>®</sup>  
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