

# EKTA CASTING

SETTLE FOR A BETTER METAL **WITH US!!**



**EKTA CASTING**

AN **ISO 9001:2015** CERTIFIED COMPANY

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

# ABOUT EKTA CASTING



**EKTA CASTING**, a professionally managed company was founded in 2006, produces cast pieces up to a single piece weight of 1500 kg in carbon steel, alloy steel, stainless steel, and heat resistant steel. Practically every grade, including IS, DIN, ASTM, AISI, BS, JIS, etc., may be cast by us.

Promoted by technically trained individuals and run by a committed team of motivated employees to satisfy the rigorous demands of the clientele. Since its founding, the firm has provided customers in India and abroad with the greatest and most dependable products, and each employee embodies the company's customer-focused ethos.

**EKTA CASTING** is a modern production facility with an office space of 8500 square feet and a factory shed in Nagpur. The Company was founded with the intention of being a trustworthy producer of castings of the greatest quality that are offered at incredibly low prices, as well as to offer rapid delivery to consumers in India and overseas. The company produces goods in accordance with international and Indian standards.

**With a sincere commitment to uphold the highest quality standards and just-in-time delivery, the Company has established a solid name in the power sector, steel industry, valve industry, mining and mineral sectors, and other industries today.**

# VISION & MISSION



**Our VISION** is to be recognized as a top player in the steel casting industry, known for our exceptional quality, innovation, and customer service.

**Our MISSION** is to provide our customers with the highest quality steel castings through advanced technology, skilled workforce, and continuous improvement. We strive to meet and exceed our customers' expectations by delivering products on time and within budget. We are committed to providing a safe and healthy work environment for our employees and promoting sustainable practices in all our operations. We aim to achieve long-term growth and profitability while contributing to the development of the steel industry and the communities we serve.



# WHAT WE DO?



## METAL CASTING

Casting components for mining and mineral industries such as Tooth Points, bowl liner, mantle liner, jaw plate, ball mill liner, apron pan, mine car wheel, rim liner, impactor hammer, concave liner, bucket lip etc.



## HEAT TREATMENT

Electrical Heat Treatment Furnaces with automatic temperature profile controller



## METAL MACHINING

CNC-machined parts for the steel, paper, and other sectors as well as power plants



## METAL TESTING AND ANALYSIS

All castings are tested in the state of art in-house chemical and mechanical testing lab in order to find any defects and to provide superior quality products.



**We are well equipped with a lot of  
precise facilities such as:**

**SAND**  
Testing

**METAL**  
Machining

**CHEMICAL**  
Testing

**MECHANICAL**  
Testing

**IMPACT**  
Testing

**HARDNESS**  
Testing

**CORROSION**  
Testing

**MICROSTRUCTURE**  
Testing



# INFRASTRUCTURE

We have a cutting-edge infrastructure facility at **EKTA CASTING** that occupies a significant amount of space.

This was created so that we could provide our clients with a high-quality choice. Other sections of our infrastructure consist of finishing area, the foundry area, the area for moulding along with:

- Melting and Pouring Section
- Fettling Section
- Quality Testing Section
- Pattern Storage
- Moulding Section
- Sand Reclamation Plant
- Heat Treatment Plant



**WE ARE DEDICATED TO  
PROVIDE HIGH-QUALITY  
CASTINGS**



# OUR PRODUCTS RANGE INCLUDE

## Ferrous Castings

- Mild Steel Castings
- High Carbon Steel Castings
- Stainless Steel Castings
- Manganese Steel Castings
- Hi- Chrome Castings
- Ni- Hard / Ni - Resist Castings
- Inconel Castings
- Super Alloys





# OUR PRODUCTS RANGE INCLUDE

## Non-Ferrous Castings

- Aluminum
- Copper
- Bronze



# OUR WORLDWIDE CLIENTS



- **United States**
- **United Arab Emirates**
- **Canada**
- **Egypt**
- **Qatar**
- **Spain**
- **South Africa**
- **Thailand**
- **Mauritius**



# MARKETS THAT WE SERVED

- Automotive Industry
- Defense Industry
- Petrochemical Industry
- Mining Industry
- Construction
- Snow Blowing
- Heavy Machining
- Power Plants
- Steel Plant Spares



# WE ARE PROUD OF OUR STRENGTHS

## **Moulding Process**

CO2 for moulding moulds & non-bake for core making

## **Furnace Capacity**

100 kg - 1500 kgs

## **Type of Furnace**

Medium frequency induction furnace (Inductotherm make)

## **Weight Range**

Few kgs to 1.5 tons (single piece)

## **Grades Manufactures**

Customized as per customer requirements

## **Testing Facilities**

In-house chemical, hardness, surface, sand testing facilities

## **Heat Treatment**

In-house annealing, quenching, normalizing, tempering, etc..

## **Man Power**

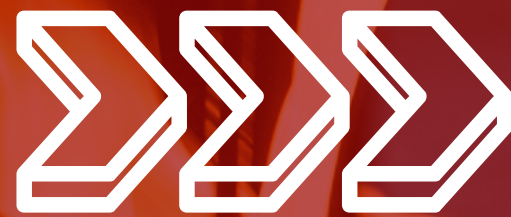
80+ Employees

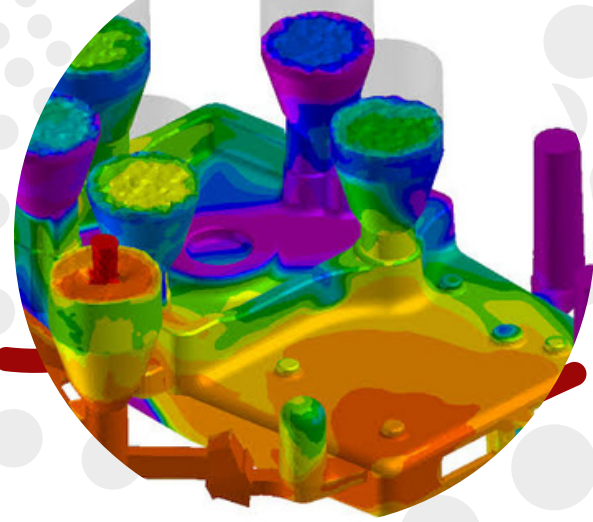
## **Monthly Capacity**

350 tons/month



# SAND CASTING PROCESS





**CASTING 3D  
SIMULATION**



**PATTERN  
SHOP**



**MOULDING**



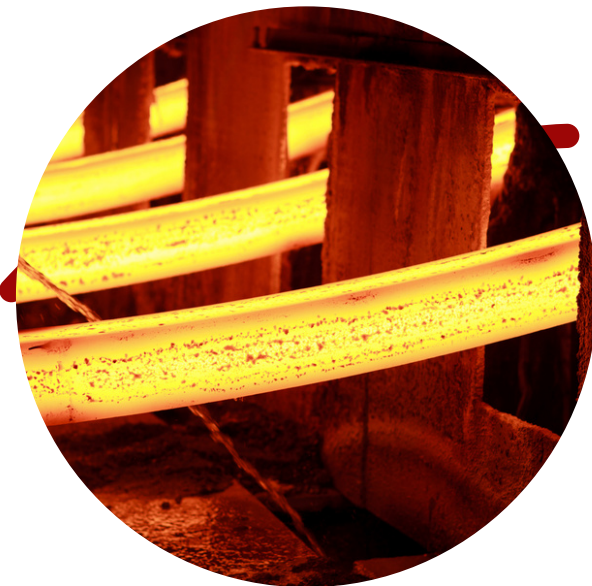
**CLOSING**



**MELTING**



**FINAL  
INSPECTION**



**HEAT  
TREATMENT**



**FETTLING**



**KNOCK OUT**



**POURING**

# THANK YOU!

EKTA CASTING

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