

## **About Us:**

*The Seeds of Jay Khodiyar Technocast were shown in 2015 with production capacity of 450 tons/month through green and molasses process with plant area 45000 Sq.ft with all advance equipment. we Jay Khodiyar Technocast is ISO 9001:2015 & IS 210:2009 Certified foundry with team of well qualified professional engineers , technician and workers to satisfying customer requirement.*

## **Our Vision:**

*We Shall strive to be leaders in this business by offering castings of world class quality and through constant technological innovation. we understand the needs of our customer and shall stay focused on them by offering products, service and solutions of the highest quality.*

## **Our Mission :**

- 1. To develop long-term business relationship with customer.*
- 2. To grow steadily and becoming profitable gradually.*
- 3. Poised to be global green and molasses casting manufacturer.*

## **Our Strength :**

- 1. On time delivery*
- 2. superior green and molasses sand casting quality adhering to various international standard and customer requirements*
- 3. Flexibility in planning and development of sample in short lead time.*
- 4. Continuous training of our team for improved efficiency and quality workmanship.*



## **Why Jay Khodiyar Technocast?**

*Professionally managed CI Casting foundry*

- 1. Flexibility for quantities - Large/Medium/Small series all can be produced*
- 2. well qualified & experienced staff.*
- 3. Consistent Quality.*
- 4. Shorter lead time for sample development.*
- 5. Quick response to inquiries/RFQs.*
- 6. Quick response on customer complain/query.*
- 7. Vision to grow with the customers and keep long term business relations.*
- 8. Hard earned customer loyalty is the reward for our attention to quality and our main focus to fulfill customer requirements. We pride ourselves on the skill and craftsmanship of our engineers and skill manpower and we back this up with an extensive rigorous, and fully documented quality system. Most of our employees are cross trained for various methods which means we can meet any delivery schedule or any rush requirement.*

## **Technical Capabilities:**

- 1. Casting dimension Range : 800mm x 800mm x 300mm*
- 2. Weight Range : 0.500 Kg to 150 Kg/piece*



## **Material Poured/ Casted at Jaykhodiyar Techno cast:**

### **Grey Iron Casting**

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

### **Ductile Iron Casting**

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

*Other than above in general we can cast materials as per specific customer Requirements.*

### **Tolerances standard we follow:**

- 1. VDGP 690*
- 2. ISO 8062*
- 3. IS 2102*
- 4. Other or as per customer specification.*

## **List Of Certificates :**

1. ISO 9001:2015
2. IS 210:2009
3. Udyam Registration certificate (MSME)

## **Quality Assurance:**

***Our testing and inspection proves the our quality***

## **Chemical Analysis :**

1. In house Spectro meter
2. All heat are tested on-line on spectrometer before the pouring.
3. Test specimens are stored for a certain time period.

## **Physical Testing :**

1. Universal tensile testing machine
2. Hardness Testing machine
3. Impact Testing machine.
4. Microscopic Analysis.

## **Test Provided :**

1. Chemical analysis
2. Tensile Test
3. Radiography
4. Microstructure
5. Dye penetrate test.
6. Magnetic particle test.

***Dedicated Quality workmanship at all process stage:***

## **Process overview**

1. Core making
2. Molding
3. Melting/pouring
4. Cutting and fettling
5. Shot blasting
6. Visual inspection
7. Primer painting (in case of requested).

*On time delivery with consistence in quality is key t o our success*

*Industries we served:*

- 1. Industrial Valve*
- 2. Process Pump*
- 3. Automotive industries*
- 4. Engineering industries*
- 5. Powerplantequipment*
- 6. Electricmotorindustries*



***Area on focus :***

1. On time delivery with best quality
2. Customer satisfaction
3. Quick Response on customer query
4. Continuous work on process improvement.

**Plant overview:**





## JAY KHODIYAR TECHNOCAST

Rajkot-Lothda Main Road, Before Lothda Village,

Opp, Tirupati Metal Cast, Village : Lothda

Ta & Dist : Rajkot , Gujarat , India

Email : [info@jkmetalcast.com](mailto:info@jkmetalcast.com)

Website : [www.jkmetalcast.com](http://www.jkmetalcast.com)

Contact : +91 99988 88080 , +91 99793 11844