

# PRATHAP INDUSTRIES

(An ISO 9001:2008 Certified Casting Unit)

**Works & Office:** 11-88, Enikepadu, Vijayawada – 521108, Andhra Pradesh, INDIA

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Dear Sir/Madam,

**Sub: Introduction for supply of Grey Iron Castings, Sugar Mill Rollers & Spares.**

We introduce ourselves as one of the leading manufacturer of Cast Iron Castings in India since 1957, catering to Rice & **Sugar Mills**, Cement, Steel, Power plants, Heavy Engineering and other Allied industries.

Our emergence as a leading firm and having a strong presence in southern India is mainly due to focused efforts on:

- Product Quality & Service
- Standard & Modern Infrastructure Facilities
- Stringent norms for inspections
- Skilled & Experienced Workforce
- Adherence to Delivery Schedules
- Competitively Priced Castings
- Positive Work Culture
- Good Work Environment

As one of the leading foundry from past 5 decades, we are having good reputation in Southern part of India. We comply to **ISO 9001:2008** requirements and have been certified by **TUV Sudddeutschland**.

It is noteworthy to mention here that we are the **“First SSI unit** “in South India, which can cast & manufacture single piece weighing 25000kgs. We have handling capacity up to 25000kgs, and Machining capacity for **50” x 90”** size sugar mill rollers, and other items up to 4 meter Dia.

We also have stress-relieving furnace to accommodate huge jobs, and M.P. & Ultrasonic testing facilities are also available with us.

**Our stable growth** – Thanks to our “Happy Customers” more than 150 till date.

**Specialists in: CAST IRON ALLOY CASTINGS UPTO 25M.TONS A PIECE**

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We are also supplying our Castings to the Original equipment manufacturer M/s. FIVES CAIL-KCP (Formerly FCB KCP Ltd), CHENNAI.

In addition to the above our castings like Rice, & **Sugar Mill spares** have been exported through our customers M/s. FIVES CAIL -KCP, (Formerly FCB KCP Ltd), CHENNAI, & M/s. NAVINCHANDRA & Co, CHENNAI, to SRI LANKA, VIETNAM, NIGERIA, GHANA, MALAWI, BURKINA FASCO, IVORYCOAST, ZAMBIA, MALAYSIA, BRUNEI, SINGAPORE, INDONESIA etc.

We are one of the major suppliers of pressing tools to M/s. Bharat Heavy Plates & Vessels Ltd, Visakhapatnam.

We are sure that the aforesaid information would be sufficed to make necessary evaluation at your end.

We are eager to interact further on exploring mutually beneficial business association.

**Thanking You,**

**Yours sincerely**

For PRATHAP INDUSTRIES  
  
MANAGING PARTNER

**Specialists in: CAST IRON ALLOY CASTINGS UPTO 25M.TONS A PIECE**

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## LIST OF PRODUCTS

- 1) C.I. RICE HULLERS, & C.I. RICE MILL SPARES.
- 2) C.I.LIME MORTAR MIXTURES USE FULL FOR LIME MIXING, SAND MIXING IN FOUNDRIES, AND FOR FLY ASH BRICK MAKING UNITS.
- 3) C.I.ROTARY OIL MILLS, 10" FLOUR MILLS.
- 4) **SUGAR MILL SPARES LIKE:**
  - a) Cast Iron **Sugar Mill Rollers i.e. Conventional rollers, Lotus rollers** (HI-EXTRACT), Under feed rollers, & TRPF rollers Up to **50" x 90"**mill
  - b) Mill roller shafts, Tail Bar & Gear Transmission Shafts and any other forged shafts.
  - c) **Underfeed roller assembly.**
  - d) Cane cutter knives, Hubs and leveler
  - e) Mill Couplings & Pinions, Sprocket Wheels [ Cast Steel & Cast Iron ]
  - f) Scraper and Trash Plates [ Cast Steel & Cast Iron ]
  - g) Worm & Worm wheels for crystallizers.
  - h) C.I.Pipes and Pipe Specials for Spray Pond and So2 line
  - i) **C.I.Condensers**
  - j) C.I.Massecuite pumps
  - k) C.I.Venturies, Bends and Duck foot bends.
  - l) **Heat resistant castings for Boiler like Fire Bars & Grate Bars**  
Fire Door frames & Covers Conforming with **IS3355 Standards.**
  - m) Drive & Non-Drive end bearing housings
  - n) Fabrication of crystallizers
  - o) Complete Dump Grate Assembly
- 5) **Spares for Steel plants & Pressing tools for dished ends weighing single piece 18 tons.**
- 6) Any other Cast Iron castings as per customer specification Up to 25000kgs.single piece Weight.

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# PRATHAP INDUSTRIES

## COMPANY POLICY

The Shared Vision of the Organization is :

**“MARKET LEADERSHIP WITH PROFITABLE GROWTH”**

The Quality Policy of the Organization is:

We are the manufacturers and suppliers of customized cast iron castings for rice & sugar mills, cement, steel, power plants and other allied industries, by ensuring customer satisfaction.

We strive for excellence in all our operations by achieving planned improvements. We shall continue to work together and adopt changes that shall help us to improve our systems, practices and business performance.

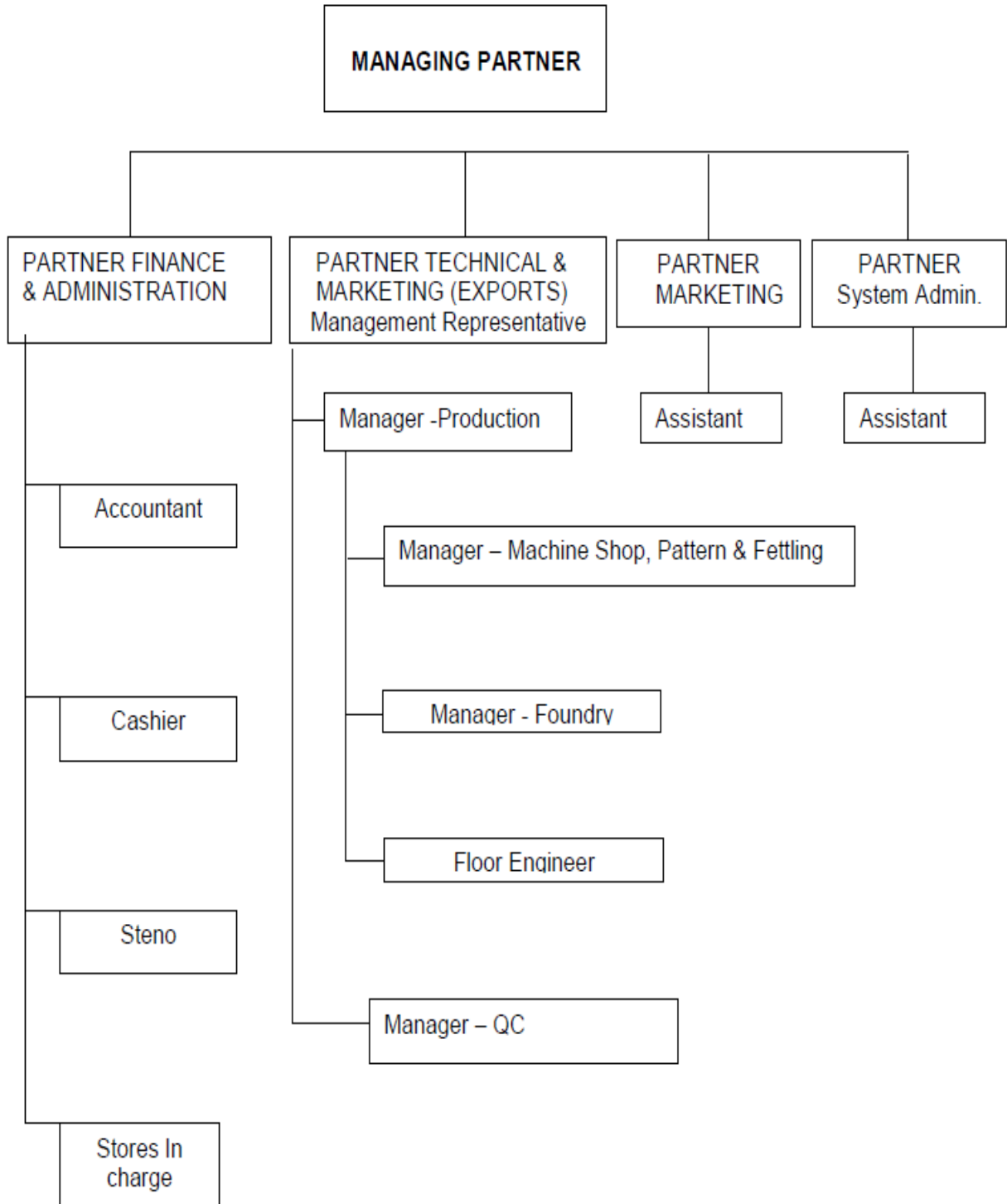
We shall be committed to comply with the requirements of International Standard on Quality Management System and continually improve its effectiveness in its true spirits.

For PRATHAP INDUSTRIES  
  
MANAGING PARTNER

**Specialists in: CAST IRON ALLOY CASTINGS UPTO 25M.TONS A PIECE**

# PRATHAP INDUSTRIES

## ORGANISATION CHART



**Specialists in: CAST IRON ALLOY CASTINGS UPTO 25M.TONS A PIECE**

# PRATHAP INDUSTRIES

## QUALITY PLAN

Sl. No	Stage of inspection	Method of Check	Quantum of check	Reference Document	Acceptance Standard	Format of record	Inspection By		Remarks
							PI	C	
1	Selection Of Raw Material	Chemical	3 Samples /Lot	NIL	Volumetric Analysis	Chemical Analysis Report	W	R	
2	Pattern	Dimensional & Visual	100%	Customer Drawing	IS 1513	Inspection Report	W	R	
3	Moulding	Dimensional	100%	Customer Drawing	Customer Drawing	Dimensional Report	W	R	
4	Melting	Chemical Composition	1 Sample/ Melt	IS-210 :1993 Gr: Fg220	IS-210 :1993 Gr: Fg220	Chemical Analysis Report	W	R	
5	Identificat ion Of Test Bars	Stamping	2 Test bars/Melt	IS-210 :1993 Gr: Fg220	IS-210 :1993 Gr: Fg220	Identificatio n mark	W	R	
6	Tensile testing of test bars	Tensile Test	1 Test bar/Melt	Customer Drawing	IS-210 :1993 Gr: Fg220	Mechanical Test Report	W	W	
7	Hardness Test	Poldi Hardness Test	3 readings on each job	IS-210 :1993 Gr: Fg220	IS-210 :1993 Gr: Fg220	Mechanical Test Report	W	W	
8	Final Inspection	Visual	100%	Customer Drawing	Customer Drawing	Inspection Report	W	W	
9	Final Inspection	Dimensional	100%	Customer Drawing	Customer Drawing	Dimensional Report	W	W	

**Description: Grey Iron Castings**

**Material Specification: IS 210:1993 Grade FG 220.**

\* **R**- Review, **W**-Witness  
**PI** – Prathap Industries  
**C** – Customer

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# PRATHAP INDUSTRIES

## ISO CERTIFICATE



Management Service

# CERTIFICATE

The Certification Body  
of TÜV SÜD Management Service GmbH  
Trading as TÜV SÜD South Asia Private Limited

certifies that

**PRATHAP INDUSTRIES**  
11-88, ENIKEPADU,  
VIJAYAWADA - 521 108, INDIA

has established and applies  
a Quality Management System for

**Manufacturing and Supply of  
Cast Iron & Alloy Cast Iron Castings**

An audit was performed, Report No. 70032699  
Proof has been furnished that the requirements  
according to

**ISO 9001:2008**

are fulfilled. The certificate is valid until **2012-04-25**

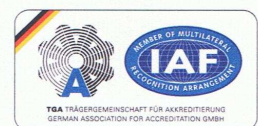
Certificate Registration No. **12 100 17574 TMS**

TIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT



*M. Wogel*

Munich, 2009-08-25



QMS-TGA-ZM-07-92

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# PRATHAP INDUSTRIES

## LIST OF MACHINERY

S.No.	Name of the Machine	Make/Model	Quantity
1.	32' Extra Heavy Duty	Kamala	01
2.	30' Lathe	Alfa	01
3.	24' Lathe	Diamond	01
4.	24' Lathe	Sigma, Batala	01
5.	20' Lathe	Kamala, Batala	01
6.	16' Lathe	Varma	01
7.	16' lathe	Saradha	01
8.	Face Lathe W.Carmstrong	White Worth & Co.,	01
9.	8' Lathe	Kirloskar	01
10.	8' Lathe	Kirloskar	01
11.	8' Flat Bed Lathe		01
12.	8' Lathe	Grand Foundry	01
13.	8' Lathe	Bijili	01
14.	Horizontal Boring Machine	Own Make	01
15.	Horizontal Boring Machine	Own Make	01
16.	Radial Drilling machine	Kitchen & Wade Ltd, England	01
17.	Radial Drilling machine	Kitchen & Wade Ltd, England	01
18.	Drilling machine		01
19.	Drilling Machine		01
20.	Drilling Machine		01
21.	Radial Drilling Machine	Kitchen & Wade Ltd, England	01
22.	10' Planning machine	Hercules	01
23.	8' Feet Plano Miller	Kamala	01
24.	40" Stroke Milling Machine	Halifax - England	01
25.	32" Stroke Shaping machine	Ormerod Shaper Ltd.,HedbenBridge	01

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26.	30' Shaping machine	Kamala	01
27.	30' shaping machine		01
28.	24" shaping machine		01
29.	24" Shaping machine		01
30.	18" Slotting machine		01
31.	Welding transformer	Aston	01
32.	Welding transformer	Indare	01
33.	Welding generator		01
34.	Welding Transformer		01
35.	Compressor	KG-Khosla (Small)	01
36.	Compressor	(Big)	01
37.	10 Tons Hoist		01
38.	10 Tons Hoist		01
39.	10 Tons Hoist		01
40.	10 Tons Hoist		01
41.	10 Tons Hoist		01
42.	10 Tons Hoist - Spare		01
43.	250 KVA Generator	Cummins	01
44.	125 KVA Generator	Kirloskar	01
45.	36" Cupola Furnace		01
46.	60" Cupola Furnace		01
47.	30" Cupola Furnace		01

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## LIST OF EQUIPMENTS

S.No.	Name of the Equipment	Make / Model	Quantity	Range	Least Count
1	Micrometer	Mitutoyo	1	25-50 mm	0.01 mm
2	Micrometer	Mitutoyo	1	500-600 mm	0.01 mm
3	Micrometer	Mitutoyo	1	400-500 mm	0.01 mm
4	Micrometer	Mitutoyo	1	300-400 mm	0.01 mm
5	Micrometer	Mitutoyo	1	200-300 mm	0.01 mm
6	Micrometer	Mitutoyo	1	100-200 mm	0.01 MM
7	Micrometer	Mitutoyo	<b>1</b>	75-100 mm	0.01 mm
8	Micrometer	Mitutoyo	1	0-25 mm	0.01 mm
9	Inside Micrometer	Mitutoyo	1	50-1000 mm	0.01 mm
10	Depth Caliper	Mitutoyo	1	0-300 mm	0.05 mm
11	Vernier Caliper	Mitutoyo	1	0-1000 mm	0.02 mm
12	Vernier Caliper	Mitutoyo	1	0-150 mm	0.02 mm
13	Depth Caliper	Mitutoyo	1	0-150 mm	0.02 mm
14	Vernier Caliper	-----	1	0-300 mm	0.02 mm
15	Vernier Caliper	-----	1	0-600 mm	0.02 mm
16	Steel Rule	PRIMA	1	0-1000 mm	0.5 mm
17	Micrometer	Mitutoyo	1	50-75 mm	0.01mm
18	Bevel Protector	Mitutoyo	1	0-360°	5 Minutes

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## List of Major Customers

Sl.No	Party Name and Address
1.	<b>M/s.Bharat Heavy Plates &amp; Vessels Ltd,</b> ( A Government of India Enterprises ) Andhra Pradesh, India
2.	<b>M/s.Visakhapatnam Steel Plant,</b> ( A Government of India Enterprises ) Andhra Pradesh, India
3.	<b>M/s.Bhilai Steel Plant,</b> U.P. ,India
4.	<b>M/s.E.I.D.Parry (India) Ltd,</b> Unit1:Nellikupam Unit2:Pugalur Unit3:Pettavaithalai Unit4:Kurumbur Tamilnadu,India
5.	<b>M/s.E.I.D.Parry (India) Ltd,</b> Puducherry,PondiCherry,India
6.	<b>M/s.FIVES CAIL – KCP, Formerly FCB KCP Ltd.</b> Tamilnadu,India
7.	<b>M/s.Fuller India Ltd,</b> Tamilnadu,India
8.	<b>M/s.K.C.P.Sugar And Industries Corporation Ltd.,</b> Andhra Pradesh, India
9.	<b>M/s.The K.C.P.Ltd,</b> Tamilnadu,India
10.	<b>M/s.The EIMCO KCP Ltd,</b> Tamilnadu,India
11.	<b>M/s.Ispat Industries Ltd,</b> Maharashtra, India
12.	<b>M/s.Tal Manufacturing Solutions Ltd,</b> Maharashtra, India
13.	<b>M/s PRAGA TOOLS LIMITED,</b> (A Government of India Undertaking) Andhra Pradesh, India
14.	<b>M/s.FLSMIDTH PRIVATE LIMITED,</b> Tamilnadu,India
15.	<b>M/s.Dalmia Sugars Limited</b> (A Subsidiary of Dalmia Cement (Bharat Limited)) Tamilnadu,India
16.	<b>M/s.Bharat Heavy Electricals Limited.</b> Tiruchirapalli,Tamil Nadu.
17.	<b>M/s.Bharat Heavy Electricals Limited.</b> Ramachandrapuram,Hyderabad,Andhra Pradesh

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