

A VISION BEYOND TOMORROW





ABOUT US

We introduce ourselves as RAJ TECHNO METALLICS Group of Industries Located at Kolhapur, near MUMBAI Port in Maharashtra, INDIA. We are specialist in machining precision components on CNC > VMC > HMC machines for last ten years in engineering industry. We are the single source suppliers to our some valuable customers in India. Our specialty in shell mould shell core castings manufacturing Grey Cast Iron. Now we have diversified our activity in foundry industry and our vision is to establish the most mechanized Automatic Molding line Plant & supply precision machined components.

Contact Persons :

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OUR VALUES

Developing and working with mutual trust. Building good team work. Giving best to our customers. Quality in everything.

OUR VISION

Raj Techno Metallics is always keeping the vision beyond tomorrow like establishing world class machining set up having Mazak, Makino, HMC's & CMM facilities at our end. Raj Techno Metallics shall be one of the best companies in the Kolhapur area for Pumps, Valves & Auto Parts Manufacturing. We will increase satisfaction level of customers as well as employees in short period & we will supply at competitive cost, best quality and timely delivery to increase customers satisfaction level always.

OUR MISSION

Raj Techno Metallics shall be known as the best quality, reliable, cost effective, on time delivery & first time right vendor for machined components.

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PLANT & MACHINERY

1) Melting Section:

a) Cupola Furnace having capacity of 24”.

b) Proposed Plan :

550 kw/500 kg Medium Frequency Induction Furnace of “INDUCTOTHERM” Total Power Connected -1100 KVA.

2) Moulding Section :

MODEL ARPA 300 Simultaneous Jolt Squeeze Moulding Machine – 2 Nos Of SARVMANGALA ENGG. PVT. LTD., Coimbatore.

3) Sand Plant :

Semi Automatic System.

Box Size 500X550 x150MM (22”x22”Cast Iron)

4) Quality Control Equipments :

- Sand Testing Equipment: KELSON Make.
- Sand Washer
- Methylene Blue Clay Tester.
- Sand Siever.
- Rapid Moisture Tester.
- Sand Rammer.
- Base Block
- Permeability Tester (Electric).
- Universal Strength Machine (Mech.)
- Mould Hardness Tester (B, Scale).
- Ferro lab: “SUYESH” make.
- Carbon Silicon Analyzer Model mp 32III

5. Mechanical Testing:

- Brinell Hardness
- Tester Kelson Make.

IN PUTS

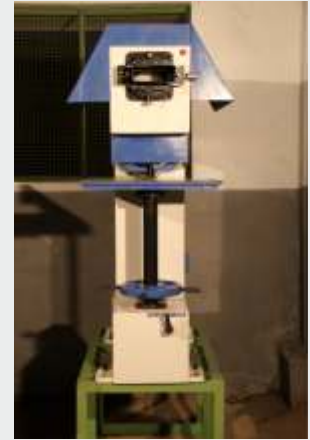
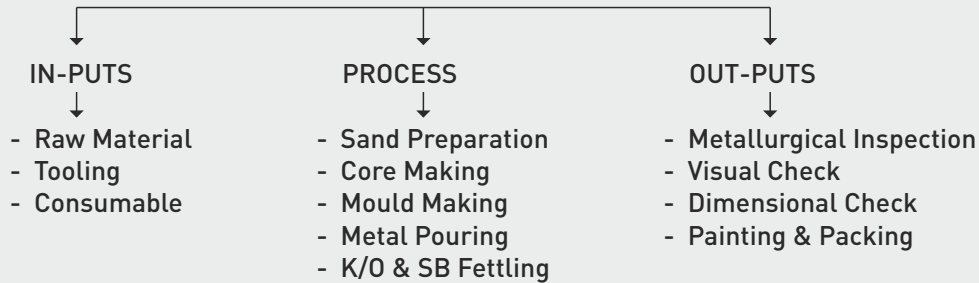
All raw materials & furnace inputs are checked as per sampling plan & against specification, its path is as follows :

- **Raw material** :- Incoming raw material is received in store & entered in software – Triggers quality check & after quality check result recording in software through ok material release for use & not ok sent back.
- **Tooling** :- Visual & dimensional Verification – Release for trials – Casting dimension Report (ISIR) – Release for production.
- **Consumables** :- Pin bush hardness checking & recording – Dimension Checked by production Dept. with gauge.



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QUALITY SYSTEMS



SAMPLING PLAN FOR IN PROCESS INSPECTION

	ACTIVITY	FREQUENCY	RECORD	BACK UP	OBSERVATION	RESP.
01	Micro Sample	1 nos. lugepoured with last box of every heat	SIR	Lab register	Nodularity Checking	Metallurgist
02	Spectro Sample	1Batch sample & 1Sample with last box poured of every heat.	SIR	Transferred from Spectro to SAP	Chemical Composition	Chemist
03	Hardness Testing	3 nos. per heat poured from last boxes poured of every heat.	SIR	Lab register	Hardness Checking	Metallurgist
04	Physical Testing	1 test bar per day & per grade.	SIR	Physical Lab register	Physical Properties	Lab Technician
05	Dimensional Check	5 Nos per despatch lot.	SIR	Dimension Register	As per quality plan.	Q.A. Inspector
06	Visual Inspection	100%	Excel sheet f/ chakan/gohil/ koyorej/seprej	Inspection register	If any defect found in shot blasting, after grinding or any other foundry defect	Q.A. Inspector
07	Audit	Befoře Pre dispatch 5% of casting Lot.	Dock Audit File	Dock Audit File	Visual as per Quality Plan. (Ref.CF/QC/F/07)	Quality Supervisor

FORWARD INTEGRATION...

CNC & CONVENTIONAL MACHINING FACILITIES AVAILABLE IN HOUSE & WITH DEDICATED SUB-CONTRACTERS TO SUPPLY FULLY FINISHED, READY TO USE COMPONENTS.

MACHINE SHOP FACILITY

- HMC pallet size 400 X 400 MM	5 Nos.
- VMC Table Size 800 X 500 MM	6 Nos.
- CNC TURNING CENTER 400 MM	2 Nos.
- CNC TURNING CENTER 250MM	6 Nos.
- CYLINDRICAL GRINDING M/C ABC 1000 mm	1 No.
- DUPLEX MILLING & BORING SPM DIA. 400 MM	1 No.
- SPM TURNING MACHINES	3 Nos.
- SPM DRILLING MACHINE	1 Nos.
- SPM KEY MILLING MACHINE.	1 Nos.

TESTING EQUIPMENT

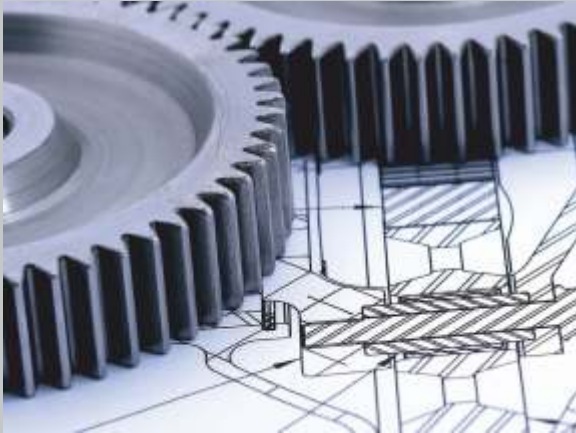
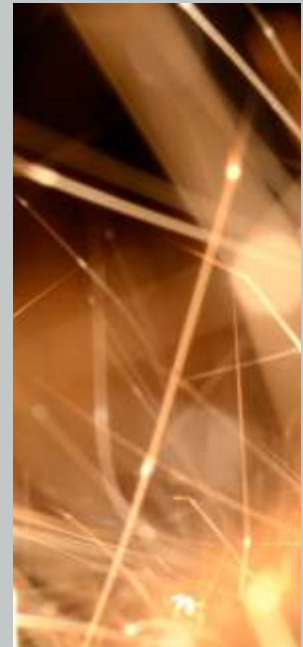
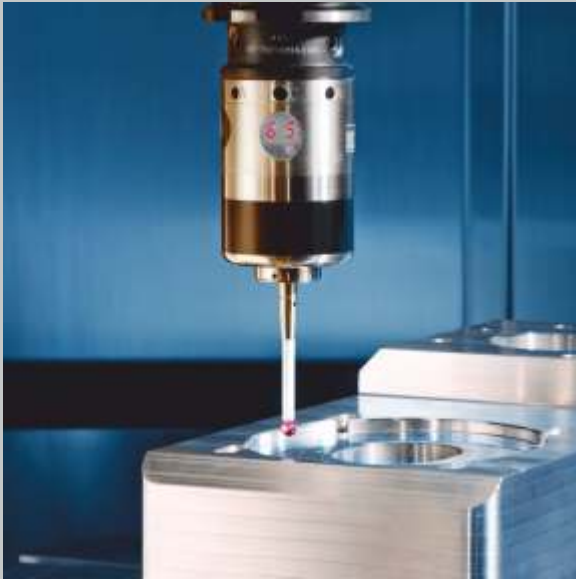
- TRIMOS
- SURFACE FINISH TESTER
- MICROMETER AND BORE
- GAUGES SETS (0-600MM)
- VERINER CALIPER (0-1500MM)\
- Proposed CMM Brown & Sharp



GOVERNMENT REGISTRATIONS

SSI Registration No. :	273412 16218. Dt. 5-12-2012.
ECC NO. :	AAPFR4351LEM001
VAT TIN NO. :	27571060184 V w.v.f 16-04-2014
CST TIN NO. :	27571060184 C w.v.f 16-04-2014
BANK :	BANK OF BARODA.
PAN NO. :	AAPFR4351L.

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THANK YOU



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