



Gayatri Electrotech Co.Pvt.Ltd.

Manufacturers of Aluminium Gravity Die Castings

<u>Office</u>	<u>Factory</u>
2791/1 , Kothishala road, Datar bole corner, Shivaji peth, Kolhapur - 416012 Maharashtra, India	Plot: G/11, Five Star MIDC, Kagal-Hathkangle, Kolhapur - 416216 Maharashtra, India



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COMPANY PROFILE

NAME	GAYATRI ELECTROTECH CO. PVT . LTD
ADDRESS	Plot:G/11, Five Star MIDC, Kagal-Hatkanagale, Kolhapur - 416216 Maharashtra, India
PHONE	91-231-2621790 or 2625871
FAX	91-231-2625871
E-mail	allucastkop@gmail.com
CONTACT PERSON & DESIGNATION	Mr. Kulkarni Girish, Mr. Deepak Deshpande Directors
YEAR OF ESTABLISHMENT	27/04/2014
CONSTITUTION	Pvt. Ltd.
NATURE	Foundry unit with Aluminium G.D.C. casting and assembly facilities
ASSOCIATED CONCERNS	<ul style="list-style-type: none"> ➤ Radhika Associates Trading of electrical lighting cables & Capacitors ➤ Gayatri Interiors & Constructions Builders & Developers.
PRESENT ACTIVITY	To manufacture Aluminium Casting components & Assemblies
FOUNDRY AREA	600 Sq. Mtr. Plot & 121 Sq. Mtr. Builtup Area
MAJOR CUSTOMERS	➤
WEEKLY OFF	Monday
OUR BANKERS	Bank of Maharashtra, Gangawesh Branch ,Kolhapur, Ph no : 0231 - 2
ISO ACCREDITATION	We are in process of ISO 9001/2008 certification.

Aluminium G.D.C Casting Manufacturing Activity

Source of raw materials	PROCURED
Alloying Facility	Ready Made Alloy Ingots certified by SPECTRO TESTING.
Furnace Capacity	125 Kgs.capacity for GDC Casting per heat.
Types of Alloy Commonly Made	LM series Alloy & all types of alloys in Aluminium as per specification.
Scrap Disposal	Recycling, Slag sold to market
Tooling	Dies, Tools ,Jigs & Fixtures locally manufactured
Pattern making facility: In-house / outside	<ul style="list-style-type: none"> • Atharva Technologies, Kolhapur • S.R. Industries Miraj
No. of people in the Foundry	
Tooling material	Hot Die Steel Imported / Cast Iron
For Gravity Die casting : Type of tool steel Required	OHNS, EN31, Hot work die steel M.S.
Tool Design	By AUTO CAD 2000 Software
CAD software used	Yes
Simulation Packages used (casting/ solidification)	Yes I.I Sc Bangalore
Qualification and experience of designer	Mr. Kulkarni R.E. (Met.) 15 Years Experience
List of machines used	List Attached
Conventional	In process

NC / CNC	N.A.
EDM, Wire cutting	Sub contractor – design provided by us
CAM software used	Sub contractor – design provided by us
Average die development time (This should include the trial runs)	8 weeks for first sample supply 10 weeks for first trial batch supply
Gravity die casting Die Life	25000 nos. / set
Material Handled	All types of LM series alloys & special purpose alloys
Alloying facility	Out sourcing
Frequency of tapping	Within two hours
Min. time between tapping & pouring	Immediate
Pouring temperature and its measurement	740°C– 780°C chromel – alumel Dip type Probe-direct metal temp / As per component requirement
Method of degassing	Tablet hexachloro ethane compounds REFINING
Helium and leak testing	We have an in house leak testing machine and plan to shortly have helium testing in house

Grain refinement	We have complete exposure to NA/ TI/ TI-BORON/ P treatments
On line control of chemical composition	Cross checking & batch identification, sample check is done
Personnel protection	As per safety rules for foundries
Shot pinning and Fettling	Very soon getting In house
Method of knock-out	Ejector pins
Equipment used for Fettling	Band saws
Heat treatment facility	Out source
Inspection and testing	In House Facility
In-process inspection	Stage wise at foundry & machine shop
Spectrometer	Out source
Microstructure analysis	As per customer requirement
Physical testing	As per customer requirement
Tensile tester	As per customer requirement
Hardness tester	As per customer requirement
Schedule	Can be maintained as given by customer
Product range	Any type of Aluminium G.D.C. Casting
Materials handled	By Pallet & trolley Bins
Minimum possible section thickness (mm)	3 mm

Min. and max. section weights handled (kg)	30 Kgs
Total Production capacity(in tons of metal)	25 ton per month for GDC
Percent utilization	40%
Qualification and experience of personnel	As mentioned above
Standards commonly used for dimensional tolerances Standards	As per customer requirements
Association with institutes	COEP Pune MM Engineering College, Belgaum

Manufacturing Facilities for Aluminium Gravity Die Castings

ELECTRICAL furnace for melting and holding.	1 no.
Fettling ,Runner Riser Cutting Mechanical Band saw Machine Vertical Type	1 no.
Leak Testing Machine	1 no.
Trolley Bins	For Material Handling

Quality Testing Facilities for Aluminium Castings

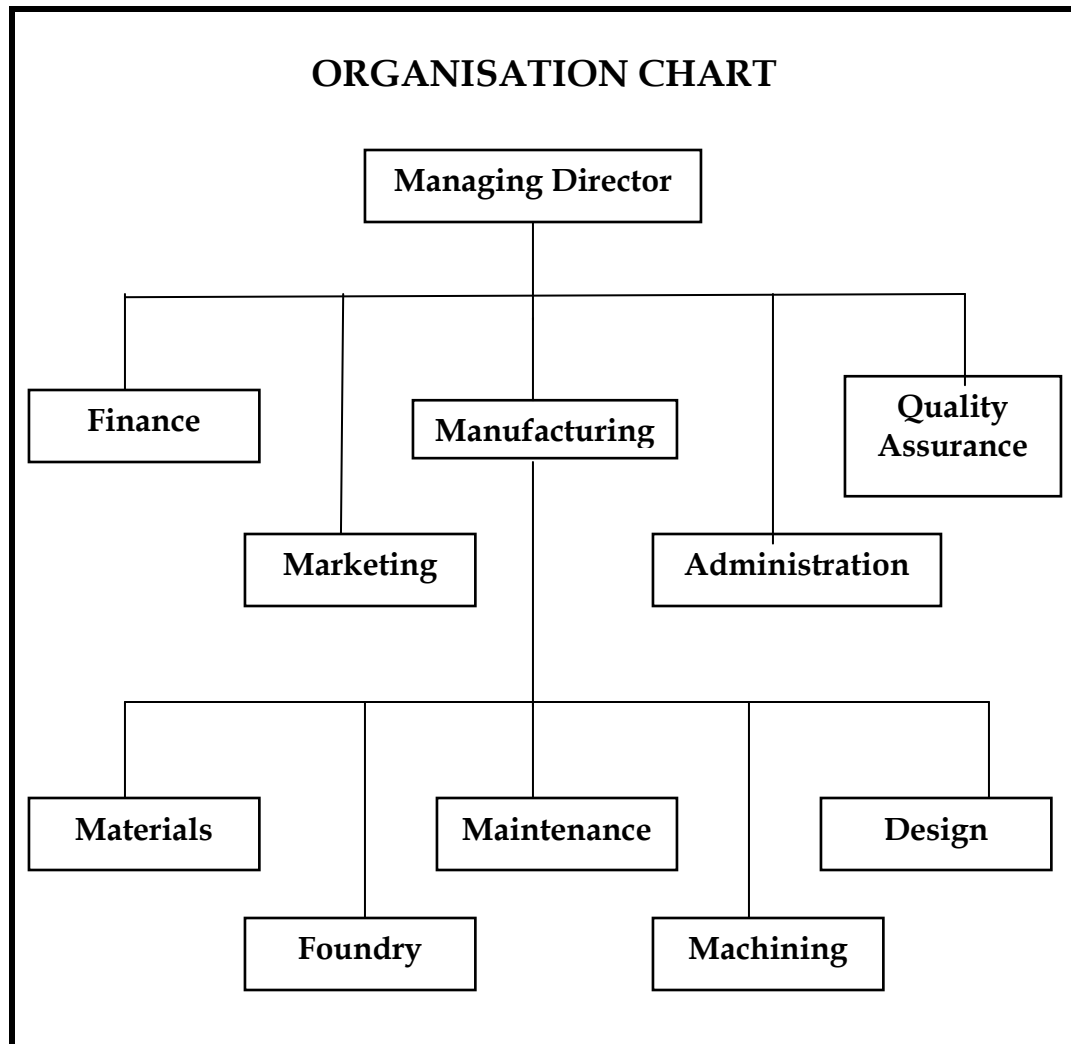
All size of Vernier, , instruments are Dial vernier, depth vernier	Available
Micrometer	In house
Bore Dial Gauge	In house
Surface Plate	In house

Machine Facility

The following machinery is outsourced by the
GAYATRI ELECTROTECH CO.PVT.LTD.

MACHINERY SPECIFICATIONS
C.N.C Machining Centre with Fanuc Control
TL-30C.N.C Turning Centre with Fanuc Control
V.M.C Vertical milling Centre
HMT Vikram Retrofitted
C.N.C Machining Centre with Fanuc Control
Radial Drilling m/c
Pillar Drilling m/c
Turning centre lath

Organisation Structure



Value Guide

We are committed to the following values to guide us in all our activities...

CUSTOMER SATISFACTION

We are dedicated to building a relationship with our customers where we become partners in fulfilling their mission. We strive to understand our customers' needs and to deliver Best products and services that fulfill and exceed all their requirements.

COST AND TIME CONSCIOUSNESS

We believe that our success depends on our ability to continually reduce the cost & shorten the delivery period of our products & services. We will achieve this by eliminating waste in all activities and continuously improving all processes in every area of our work.

INNOVATION AND CREATIVITY

We believe in striving for improvement in every activity involved in our Die Designing & Aluminium Casting manufacturing business by pursuing and encouraging risk-taking, experimentation and learning at all levels within the company with a view to achieving excellence and competitiveness.

TRUST AND TEAM SPIRIT

We believe in achieving harmony in work-life through mutual trust, transparency, co-operation, and a sense of belonging. We will strive for building empowered teams to work towards achieving organizational goals.

RESPECT FOR THE INDIVIDUAL

We value our people. We will treat each other with dignity and respect and strive for individual growth and realization of everyone's full potential.

INTEGRITY

We believe in a commitment to be honest, trustworthy, and fair in all our dealings. We commit to be loyal and devoted to our organisation. We will practice self discipline and own responsibility for our actions. We will comply with all requirements to ensure that our organisation is worth the trust.

