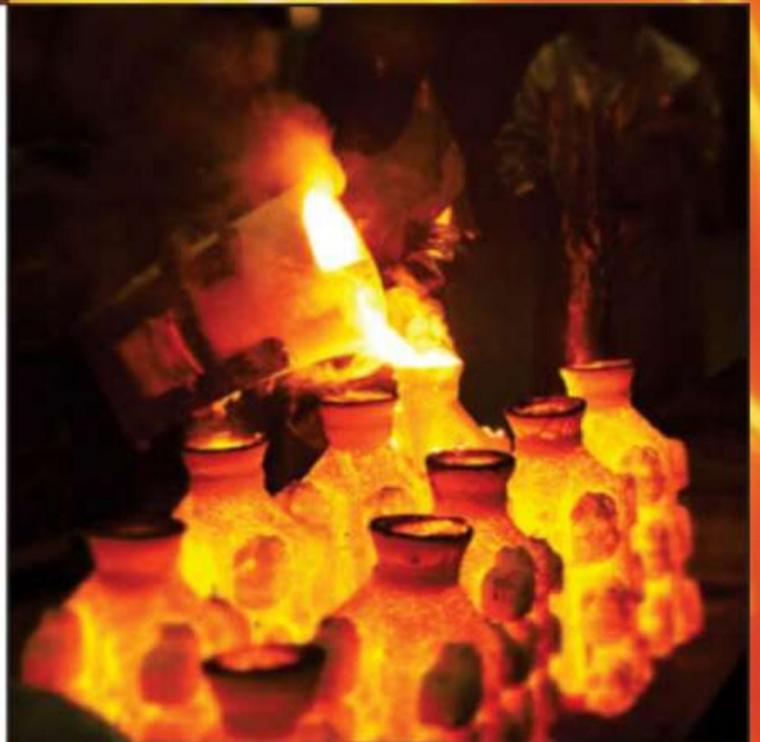


Where precision makes the shape !



Mfg. & Supplier of:
Investment Casting of CF8,
CF8M, CF3, CF3M, WCB, ALLOY 20.

ADITYA TECHNOCAST PVT. LTD.

AN ISO 9001:2015 CERTIFIED COMPANY



INVESTMENT CASTING

Investment casting is basically a metal shaping technique. It is a foundry practice by which high precision castings are manufactured. This is a specialized foundry technology and is considered a high tech area.

The process has gained popularity based on the superior quality of castings produced and the fact that the cost of a finished component produced by investment casting is less than or comparable to that of the conventional production techniques.



COMPANY PROFILE

ADITYA TECHNOCAST PVT LTD is promoted by a group of company which is working and dealing with this since last 25 year. The group of company who have spent their entire professional lives in the field of manufacturing and marketing metal engineering components with a brightened progress.

Since Last 25 year we have been doing this as a result of which, we have the most experienced team in identifying the correct method of development and manufacturing the items completely in terms of prices, assuring the quality of final product and shipping them on time – every time. Because of our vast network, contacts and experience, we can undertake development of any project and successfully complete it.

- Quality Certification : CCPL - ISO 9001: 2015
- Total Land Area-31,215 Sq. Ft.
- Constructed Area-23924 Sq. Ft.
- Production Capacity-500 Metric Ton/annum
- Job Handling Capacity- 5gm to 150 kg /piece.
- Material Offered: Carbon Steel & Alloy Steel.

OUR VISION

At Aditya Technocast Pvt Ltd, our vision is to be a global leader in casting manufacturing. We envision a future to become a source of trust and loyalty from our esteemed customers

OUR SERVICES

Our team comprises of people proficient at Designing, Manufacturing, and assuring the quality at every stage. Our Customer Support Team keeps the customer fully informed on the progress of their ordered items with Daily and Weekly reports. Customer queries are replied within 24 hours at the most.

All the possible problems are identified at the inception stage and their solution is found and implemented. Close liaison with the customer ensures smooth and efficient development and implementation of the project.

OUR MISSION

At Aditya Technocast Pvt Ltd, our mission is to produce investment castings using internationally accepted practices, in order to deliver quality castings at competitive rates within agreed time frame to our esteemed customers.



LIST OF MACHINERY AT CASTING UNIT

Sr. No:	Description	No. of Machines	Make
01	Wax Injection Press Semi-Automatic (Hydraulic)	4	Advait Machines
02	Wax Injection Press 12 Ton 4 Pillar (Fully Automatic)	1	Advait Machines
03	Hot Plate (450mm x 600mm)	1	Advait Machines
04	Wax Melting Machine	1	Advait Machines
05	Wax Conditioning Machine	1	Advait Machines
06	Slurry Mixture Jar Mill Machine	1	Advait Machines
07	Rotating Drum Type Slurry Tank	4	Advait Machines
08	Rainfall Sender Machine (zircon)	1	Advait Machines
09	Sand Fluidizers Coating Drum	3	Advait Machines
10	Shall Backing Gas Fire Furnace	1	Advait Machines
11	Abrasive Cutoff Machine	1	Advait Machines
12	175KVA Inductotherm Induction Furnace	1	Inductotherm
13	300KVA Hydraulic Inductotherm Furnace	1	Inductotherm
14	175KVA & 300KVA Panel	1	Inductotherm
15	Hydraulic Unit (10HP 2Motor + 5 HP 4 Motor + Panel)	1	Inductotherm
16	Tumblast Shot Blasting Machine	1	Enviro Techs
17	Heavy Duty Dust Collector	1	Enviro Techs
18	KES 25HP Screw Compressor	1	Kulmec
19	Air Reciever	1	Kulmec
20	Sand Blasting Machine	1	Kulmec
21	Wax & Water De-Wax Tank	1	Advait Machines
22	Vibrating Knockout Machine	1	Advait Machines
23	Heavy Duty Grinding Machine	1	Amber
24	Heavy Duty Belt Machine	1	Amber
25	Pneumatic Machine	6	Chicago Pneumatic
26	Press Machine (Capacity - 100 Ton)	1	Bhoomi Machines
27	800 Ampere Electric Cutting Machine	1	Shakti Machines
28	400 Ampere Electric Welding Machine	1	Shakti Machines
29	800 Ampere Argon Welding Machine	1	Shakti Machines
30	Air Conditioning System (11 TON)	1	Blue Star
31	Air Conditioning System (6 TON)	1	Blue Star
32	Power Distributing Panel	1	Elmex Engineers
33	Optical Emission Spectrometer	1	Bruker



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PROCESS OF CHEMICAL ANALYSIS

In house spectrometer with 24 channels capable of testing Fe, Ni, Co, Al based materials and also Nitrogen content.

- All heats poured are tested on-line on Spectrometer.
- Specimens are stored for particular period.
- All the scrap used are also tested before using.

PROCESS OF PHYSICAL TESTING IN HOUSE FACILITIES



• Universal Testing Machine.



• Hardness Testing Machine.



• Impact Testing Machine.

VARIOUS TEST TO BE PROVIDED

- Chemical Analysis
- Tensile Test
- Impact Test
- Radiography (X-Ray)
- Dye Penetrate
- Corrosion Test
- MPT Test
- Microstructure.





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THE WHOLE WORLD OF CASTING COMPONENTS OF PUMPS & VALVES, CRANES, TRANSMISSION, INSULATOR, ENGINE COMPONENTS





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**MECHANICAL SEALS, AUTOMOBILES, EARTH MOVING MACHINES,
AND MANY MORE GENERAL ENGINEERING COMPONENTS...**





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INDUSTRIES, WE SERVED

- Pump Body & Pump Spares
- Industrial Valve, Fitting & Strainers
- Automobile Components
- General Engineering Parts
- Chemical Industries Equipment Parts
- Food Industries Equipment Parts
- Dairy Industry equipment's parts
- Construction hardware & equipment.
- Electrical equipment, electronic hardware & radar.
- Pharmacy Industries equipment's Parts
- General Engineering Parts
- Agricultural equipment.
- Dentistry & dental tools.
- Prosthetics.
- Guns & armaments
- Aircraft engines, air frames, fuel systems.
- Aerospace, missiles, ground support systems.
- Bicycles & motorcycles.
- Material handling equipment.
- Components for compressor & pneumatic equipment.
- Components for hydraulic equipment pump & pipe Fittings.
- Pipe fittings for plumbing applications.
- Sports gear & recreational equipment.
- Textile machinery parts.
- Oil well drilling & auxiliary equipment.
- Machine tool components.





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OUR POLICY

Our Quality Assurance team leaves nothing to chance. Strict Adherence to the standards, specifications and customer's requirement is demanded and met with. Stage wise Inspection is a must. Final inspection, often with cross checking with third testing house ensures compliance of the finished material with the requirements.

Most important, we protect your intellectual property rights most zealously. We take steps to ensure that your vital drawings, data and tools are not misused in any conceivable way. We stand guard on your property.

We offers an extremely wide range of all ENGINEERING PRODUCTS in mix match size, type & grade of material or construction for virtually all the applications.

In conclusion, we would like to mention here that, we are well equipped technically and commercially to render our services to you. If you provide us an opportunity to serve your esteemed organization with your valued enquiries/orders, we will convert you to our long lasting customer.

QUALITY ASSURANCE

All our products would have quality control systems conforming to ISO 9001:2015 quality control systems. Continuing statistical process control and process capability improvement would be applied for all products manufacturing process. Our commitment and continuous effort would be to improve product quality.

We aim to be world class IC manufacturers, committed to customer satisfaction & to encourage the spirit of leadership amongst our team by creating a healthy environment for continues growth, profit and prosperity.

INVESTMENT CASTING PROCESS

- Tooling, Die Making, Inspection
- Wax Pattern Injection
- Wax Pattern Assembly
- Wax Pattern Tree Making
- Dipping in Ceramic Slurry
- Investment of Ceramic Stucco
- De-Waxing
- Mould Baking
- Melting
- Heat Specter Test
- Metal Pouring
- De-Shell
- Abrasive Blasting
- Cutting
- Grinding
- Finishing
- Lab Testing & Inspection



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INVESTMENT CASTING PROCESS





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INVESTMENT CASTING PROCESS





MAKE IN INDIA...
BECOMES MADE IN INDIA
FOR THE
'ADITYA TECHNOCAST'

Where precession makes the shape !

A photograph showing a thick, bright yellow-orange stream of molten metal being poured from a ladle into a mold. The background is dark, making the glowing metal stand out.

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Sugandh Singh 📞 (+91) 98960 05468

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