VEE J PEE ALUMINIUM FOUNDRY

AN ISO 9001 CERTIFIED COMPANY

BUREAU VERITAS Certification

» PROCESS & CAPABILITIES

» Permanent Mould Castings

» Sand Castings

» Green Sand Moulding

» No Bake Moulding

» CO2 Moulding

» Anodized Aluminium Castings

» Design & Development

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HOME

VJP is an industry leader in the design, development and production of precision engineered aluminum casting, aluminium alloy casting, etc. Over the two decades since our foundation, we have established an impeccable reputation in the industry for quality & excellence.

Aided by the latest digital tools and simulation softwares, we have the capability to design and develop cost-effective prototypes in a speedy and efficient manner. We can work on anything, from sketches to existing products like aluminium alloy casting, aluminum sand casting, aluminum die casting, etc. and develop prototypes that not only ensure reduced production costs but also ensure precision and accuracy to suit the customers needs.

Compare our different Sand Casting Process

read more...

This is how we work

click here for more information

SEND US ENQUIRY

WE CARE FOR THE ENVIRONMENT

Environmental Care

ABOUT US

Established in 1983, VJP has been engaged in the production of high quality aluminum die castings and aluminium die casting components. Acknowledged as a leader in the foundry industry, we have earned our reputation for excellence through the efficient production & delivery of quality castings. We are registered under DIC and NSIC. With cutting-edge technologies & production techniques, we have benchmarked industry standards on delivery and quality on a sustained basis. We are the one-stop-shop for all your casting needs and components for automobile, textile machineries, pressure valves, compressors etc.

With over two decades of experience in the aluminum industry, we have served diverse needs of various industries for quality products. With a strong focus on quality and delivery, we ensure that our customers are satisfied at all times with our products and services.

Our Capabilities

From the heavy electrical industry & automotive industry to construction and machining operations, we have the capability & technical expertise to provide quality castings for complex applications across diverse industrial segments. Through specialized processes and cutting-edge technologies, we provide customers with precision-engineered components & products that satisfy their needs and exceed their expectations in terms of quality and excellence.

VEE J PEE Aluminium Foundry at Trade Shows

Technological Excellence

Technological excellence and innovation are the significant aspects of our operations, providing us the vital competitive edge in the industry. They empower us to manufacture premium quality products that deliver satisfaction to all our customers at all times. Technological excellence also drives our efforts to improve the quality of our products on a sustained basis.

Enforcing Standards

We have a team of experts, which maintains supervision during the manufacturing process. The products are inspected with proper documentation. All the products have inspection reports and test certificates to avoid any defects. We conform to the industrial norms for creating an eco-friendly environment. We are registered under DIC and NSIC.

Infrastructure

Our infrastructure incorporates a state-of-the-art technological production unit with cutting edge machinery, that forms the vanguard of our operations. Backed by a power source of 75 KVA, our facilities are geared up to maintain high levels of efficiency and performance. We have a crew of highly trained engineers & technicians working towards designing & manufacturing quality castings and spare parts.

Customer Focus

We maintain a complete focus on providing solutions to our customers for all their needs. We work in close collaboration with them to understand their requirements and design and develop parts as per their needs.

Research & Development

An in-house development team works to innovate new and improved products through the application of updated knowledge and the latest techniques. This has ensured that our products are up-to-date with the latest developments in the field. Our research facilities & personnel have the capabilities to provide technical assistance to customers regarding various issues of casting & development. We have over the years led the industry by optimizing our casting technologies to ensure that we maintain low-cost production of cast components with high structural integrity at cost-effective rates.

Responding With Speed & Efficiency

We understand the need of our customers for a fast and responsive production program that does not compromise on quality standards. With a high degree of integration, our production facilities are geared up for maximum flexibility & efficiency. With our vast resources and enhance capabilities, we are able to offer our customers with their desired products with quick turnaround times.

Delivery

Packaging and delivery are a vital element of our operations. We pay close attention to the packaging & delivery of our products, such that they are delivered to our customers in good condition and in scheduled times.

Our Clientele

Over the years, we have established strong relationships with our clients all over the globe through our quality products & excellent services. We cater to high profile clients is countries around the world in countries such as U.S.A., Germany, France, Italy and Canada.

QUALITY CONTROL & SYSTEMS

Quality Policy

At VJP, we are committed to providing our customers complete satisfaction through high quality products and the benefits of sustained improvements.

Click here
to Enlarge View

Quality Objectives

A strict regimen of checks and inspections managed by a highly trained staff in our Quality Assurance Department ensures that all our products comply with established norms and regulations. From procuring raw materials to analyzing finished products, every stage of manufacturing processes is subject to rigorous quality checks.

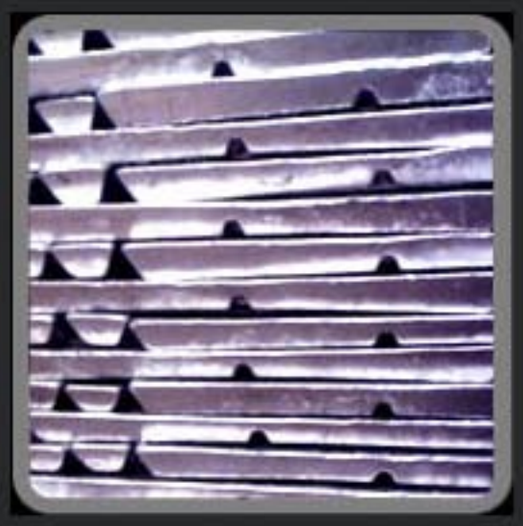
Testing Facilities

The hallmark of any quality assurance program is the infrastructure available for conducting testing of components and products at various stages of production. We have facilities for undertaking a variety of test such as

Hardness Testing	Leak Testing	Pressure Testing	NDT-DyePenetrant Test
Sand Lab: Moisture Content Testing		Core Hardness Testing	Mould Hardness Testing

We carry our specialized procedures such as "Failure mode & effect analysis" to ensure high quality standards in our products . Every part that we manufacture is adequately documented through the quality management system, in the digital domain in order to ensure repeatability in production.

From the purchase of raw materials to the dispatch of finished parts, we maintain complete process control to ensure quality. Strict controls also ensure that products can be developed as per required standards with excellent reproducibility. Through sustained training programs, every employee is trained to understand and employ quality measures throughout the operational processes.



INDUSTRIES WE SERVE

» Heavy Electrical Industry

VJP is experienced in the development and supply of intricate parts form high criticality application in the electrical industry.We understand the technical demands of the industry as a whole.

» Automobile Industry

We produce precision engineered automotive components, suitable for the most demanding of automotive applications and widely used in popular car brands.

» Railways

We provide aluminum parts for wide application in the manufacture of railways carriages & wagons and related components.

» Valve Manufacturers

From conceptualizing and design to development and manufacturing, we have served the needs of valve manufacturers with superior products.

» Machinery Manufacturers

With our considerable foundry expertise, we have been serving the needs of machinery manufacturers with precision engineered components and parts.

» Motors & Pump Manufacturers

We provide aluminum components that cast to the highest standards of precision and accuracy ensuring efficient fluid distribution and fluid power in the finished products, obviously on the advice of manufacturers.

» Processing Industry

Working in close relation with the customer statutory requirements in this field,we at VJP have been catering to the needs of clients in the process industry.

» Compressor Manufacturers

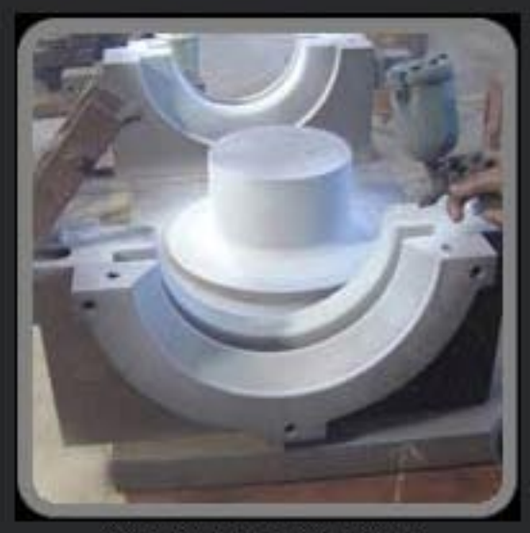
Our casting expertise makes us uniquely suited to meet the needs of compressor manufacturers for high quality components. We have been catering to this industry for more than two decades.

» Power Tool Manufacturers

We ensure that every component we provide to power tool manufacturers goes a long way in enhancing the efficiency & performance of their products.

PERMANENT MOULD CASTINGS

Some of the products made using Gravity Die casting process are **Housings, Junction boxes, impellers, Valve bodies, Flanges, Manifolds, Actuator bodies, Compressor parts, Electrical fittings parts, Covers.**



Gravity Die Casting

Permanent mould casting get their name from the fact that the process utilizes permanent metal moulds instead of temporary sand moulds for the casting process. Cast iron is the most commonly used mould materials as it offers great reliability during casting. The cores are made from other metals or sand. The cavity surfaces of the moulds are coated with fine layers of materials that have good heat-resistant properties such as clay or sodium silicate.

The moulds used in casting are pre-heated upto 200 °C (392 °F) before the molten metal is poured into the cast cavity. Casting has to be done with care in order to ensure that proper thermal balance in maintained throughout the casting process. This is done through a variety of ways including external cooling techniques using water or relevant radiation techniques.

Gravity die casting, while not offering the same level of design flexibility and ease pattern usage as sand castings, it has the advantage of offering relatively lower design and development costs as well as production costs. At VJP, we have the expertise to undertake permanent mould castings or gravity die casting of complex components of diverse application in various industries.

Impeller Castings Process Capability

Max Weight	=	75 Kgs
Max Size	=	800 X 800 mm
Minimum Wall Thickness	=	3.5 mm

Housing Castings Process Capability

Economical Order Quantity	=	2000 Number
Casting Tolerance	=	± 0.5 mm

Switch Gear Cover Castings Process Capability

Surface Finish	=	4 - 12 Microns
Minimum Core hole size	=	6 mm

SAND CASTINGS

we manufacture mainly Valve bodies, Aircraft parts, Manifolds, Rings, Flanges, Covers, Housings

Sand casting is a highly flexible form of casting that allows for the usage of recyclable and permanent patterns. Sand casting is a process used for handling high production volume processes. Sand moulds are crafted from diverse materials and the sand must be bond together using synthetic compounds such as clay or water and the moulds have to rebuilt after every casting.

Filling the mould with molten material is is a process that is gravity specific. The sand cores used for the formation of inner lining of hollow parts of the cast are formed from dry sand components. Moulds are prepared by pouring molten metal in the filling system.

Sand Castings are used to make large parts and components. We have the expertise to handle the casting of sand moulds that are used to fabricate products and components of challenging complexities.

* Process Comparison Chart			
	Green Sand Casting	No-Bake Casting	Co2 Casting
Strength	***	*****	****
Dimensional Accuracy	***	*****	****
Cost	****	**	***
Heavy Casting	***	*****	****
Surface Finish	***	*****	****

* Based on Customer Feedback	
Very Good	*****
Good	****
Fair	***
Not Bad	**
Bad	*

GREEN SAND MOULDING

This process derives its name from the presence of moisture in molding sand and is indicator of the unbaked nature of the mould. Raw sand is obtained and processed to provide a consistent distribution of grain sizing. A variety of additives such as pitch, cellulose, and silica flour are used in the process.

This process of molding offers a great deal of flexibility in pattern design and consequently in the mould design at very economical costs. At VJP, we have adapted the green sand process to mechanical and automated production methods to ensure speed and efficiency.

Features

- Low material costs
- Reclaimable mould material.
- Environmentally friendly.
- Ensures strong and rigid moulds.

Advantages

- These molds are relatively inexpensive to produce, since the basic material is readily available.
- Complex patterns can be accommodated in the in the mold design, at affordable costs.
- Easily adapts to automated production methods.

Applications

- Widely used in the manufacture of large, heavy castings

Aluminium Valve Body Moulding Process Capability

Max Weight	=	250 Kgs
Max Size	=	1000 X 1000 mm
Minimum Wall Thickness	=	5 mm

Aluminum Motor Body Moulding Process Capability

Economical Order Quantity	=	100 Number
Casting Tolerance	=	± 1 mm
Machining Allowance	=	2.5 mm

Aluminum Valve Body Moulding Process Capability

Surface Finish	=	20 - 30 Microns
Casting Tolerance	=	10 mm

NO BAKE MOULDING

No Bake is a casting process that uses chemical binders to bond the molding sand. The sand is then transported to the mold fill station in preparation for filling of the mold. A mixer is then used to blend sand with the chemical binder and the catalyst. When the sand exits the mixer, the binder begins the hardening process. After the compaction process, a rollover process is used to remove the mold from the pattern box. The mould is then readied for handling the molten metal. After a shakeout process, the molded sand is taken away from the casting. Then various procedures follow including the finishing and the sand can be reclaimed by thermal means.

Aluminium Valve Body Casting

The chemical nature of the binders makes this a highly specialized process that has to been handled with considerable expertise and knowledge. At VJP, we have developed our expertise in the process over the years and today are able to harness the potential of the process to create casts of the highest quality and to a great degree of accuracy.

Features

- Chemical binders are used to create high strength moulds.
- When the temperature is brought to normal levels, the molds turn rigid.

Advantages

- It is adaptable to any quantity
- It creates high strength moulds & improves dimensional repeatability
- Requires low skill and labor requirements
- Provides better dimensional control.

Applications

- Ideal for high value and critical parts
- Desired for Complicated Profiles

End Cap Moulding Process Capability

Max Weight	=	250 Kgs
Max Size	=	2000 X 2000 mm
Minimum Wall Thickness	=	4.5 mm

No Bake Moulding Process Capability

Economical Order Quantity	=	100 Number
Casting Tolerance	=	± 0.75 mm
Minimum Wall Thickness	=	4.5 mm

Aluminum Valve Body Moulding Process Capability

Surface Finish	=	12 - 24 Microns
Minimum Core hole size	=	10 mm

CO2 MOULDING

Carbon dioxide molding is a sand casting process that employs a molding mixture of sand and liquid silicate binder. The molding mixture is then hardened by blowing carbon dioxide gas through it. This method offers a great deal of advantages over other forms of sand molding. It reduces production time as well as fuel costs and reduces the number of mould boxes required for making moulds. This process also offers a great deal of accuracy in production.

At VJP, we utilize these various advantages of carbon dioxide casting to the benefit of the customer. By speeding up the casting process and offering economical solutions, we improve the productivity and profitability of our customers' business.

co2 moulding

Features

- High accuracy molding systems incorporating the gas carbon dioxide as a catalyst.

Advantages

- Provides good dimensional tolerances through strong core and mold
- Provides excellent casting surface finishes
- Generally used for high-production runs
- Accommodates a wide range of core and mold sizes.
- When used for making cores, the CO2 process can be automated for long durations & speedy production runs.

Applications

- Ideal for casting applications where speed and flexibility is paramount.

Aluminium Cylinder Process Capability

Max Weight	=	250 Kgs
Max Size	=	1500 X 1500 mm
Minimum Wall Thickness	=	4.5 mm

Aluminium Heach Process Capability

Economical Order Quantity	=	100 Number
Casting Tolerance	=	± 0.75 mm
Machining Allowance	=	2.5 mm

Aluminium Impeller Process Capability

Surface Finish	=	18 - 24 Microns
Minimum Core hole size	=	10 mm

ANODIZED ALUMINIUM CASTINGS

"VJP has setup a new anodizing plant to accomplish customer orders on time. This page provides the details of the anodizing plant at VJP and also the process details for technical understanding."

Anodizing is an electrolytic passivation process used to increase the thickness of the natural oxide layer on the surface of metal parts. Anodizing increases corrosion resistance and wear resistance, and provides better adhesion for paint primers and glues than bare metal. Anodic films can also be used for a number of cosmetic effects, either with thick porous coatings that can absorb dyes or with thin transparent coatings that add interference effects to reflected light. Anodizing is also used to prevent galling of threaded components and to make dielectric films for electrolytic capacitors. Anodizing most closely resembles standard electroplating. When a reactive metal is suspended in an electrolytic bath as an anode and current is passed through the bath oxygen is produced at the anode surface. This oxygen reacts with the metal to form a thin oxide film that generates colors. The transparent oxide increases in thickness in relation to the amount of voltage applied. At any given voltage the oxide will grow to a specific thickness (i.e. color) and stop, having reached a stage where current will no longer pass.

Sulphuric Anodizing

Sulfuric anodize, commonly referred to as Type II anodizing, is formed by using an electrolytic solution of sulfuric acid at room temperature and a current density of 15 to 22 Amps per square foot. The process will run for 30 to 60 minutes depending on the alloy used. This will produce a generally clear coating, depending on sealing, a minimum of 8ìm thick. One third of the coatingsquare foot.

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Value Additions

- Can handle large size parts
- Sizes of 4.5mx2 m.
- Coloring.
- Integrated paint shop.

Plant and Machinery

VEE J PEE's anodizing plant has a built in area of 5000 sq ft. This would be operated as a separate plant away from foundry premises.
The list of equipments and corresponding specifications are given below.

- Cleaning Tanks-16x3x6 ft
- Anodizing bath-16x3x6 ft
- Rectifier 1000 Amps, 32 volt
- Cooling Plant
- Double handed buffing machine
- Dyeing tanks

Plant and Machinery

Process Procedure

Anodizing process undergoes pre-treatment, rinsing, etching, desmutting, anodizing, coloring and sealing. Aluminum anodizing is the electrochemical process by which aluminum is converted into aluminum oxide on the surface of a part. The process of anodizing is rather simple. It consists of an anodizing solution typically made up of sulfuric acid. A cathode is connected to the negative terminal of a voltage source and placed in the solution. An aluminum component is connected to the positive terminal of the voltage source and also place in the solution. When the circuit is turned on the oxygen in the anodizing solution will be liberated from the water molecules and combine with the aluminum on the part forming an aluminum oxide coating. Conditions such as electrolyte concentration, acidity, solution temperature, and current must be controlled to allow the formation of a consistent oxide layer. Harder, thicker films tend to be produced by more dilute solutions at lower temperatures with higher voltages and currents. The film thickness can range from under 0.5 micrometers for bright decorative work up to 150 micrometers for architectural applications.

Key Benefits

- Corrosion Resistance
- Increased Emissivity
- Decorative Colors
- Excellent Dyability

Dyeing

The most common anodizing processes, sulfuric acid on aluminium, produce a porous surface which can accept dyes easily. The number of dye colors is almost endless; however, the colors produced tend to vary according to the base alloy. Dyed anodizing is usually sealed to reduce or eliminate dye bleed out.

Alternatively, metal can be electrolytically deposited in the pores of the anodic coating to provide colors that are more lightfast. Metal dye colors range from pale champagne to black. Bronze shades are commonly used for architectural use. Alternatively the color may be produced integral to the film. Splash effects are created by dying the unsealed porous surface in lighter colors and then splashing darker color dyes onto the surface. Aqueous and solvent based dye mixtures may also be alternately applied since the colored dyes will resist each other and leave spotted effects.

Dyeing

Applications

Anodizing is an environmentally safe electrochemical process that converts the aluminum metal surface into a porous aluminum oxide, ultimately creating an end product whose finish is more durable and weather-resistant. Anodized products and components are used in thousands of commercial, industrial and consumer applications. Structural Building exteriors, roofing, window frames, and door handles.

Appliances

- Microwaves, Refrigerators, Dryers and grills.
- Transportation Car parts, Boats, Aerospace Vehicles

Integrated Facilities

- Grid blasting – 4x2 m (max size)
- Welding – Aluminium TIG welding
- Cutting Machine
- Portable grinder
- Handling equipment and Packing facility

Anodized Aluminium castings Advantages:

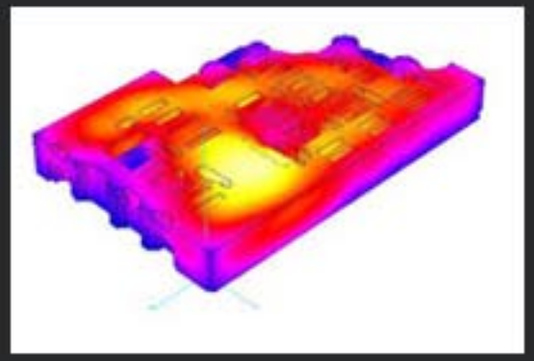
- Anodized aluminum can replace stainless steel in certain applications owing to lesser weights which makes it easy to handle, bringing down overall material used and consequently the shipping costs.
- Corrosion resistance of aluminium castings improves a lot with anodizing. Hard anodizing is used in marine applications.
- Anodizing is one of the more environmentally-friendly metal finishing processes
- Anodizing is said to impart anti-galling properties on threaded components.
- The aluminium oxide coating is grown from and into the surface of the aluminium. Because of this it is not prone to peeling or cracking like organic coatings such as paint.
- Aluminium oxide also possesses excellent thermal and electrical insulation qualities.
- Coating thickness is very less (between 15 microns to 50 microns depending on the requirement) but strength is high. With less coating thickness the dimensions of the part does not change considerably and can be generally maintained within tolerance.
- Painting done on anodized surface have very less peeling-off characteristics compared to the painting done on the raw casting surface. Most aluminium aircraft parts including major components are anodised before assembly and painting.
- Hard anodizing of aluminium castings will give black color surface, which can be used as an alternate for black painting.
- Anodized surfaces are highly resistant to scratches and wear.

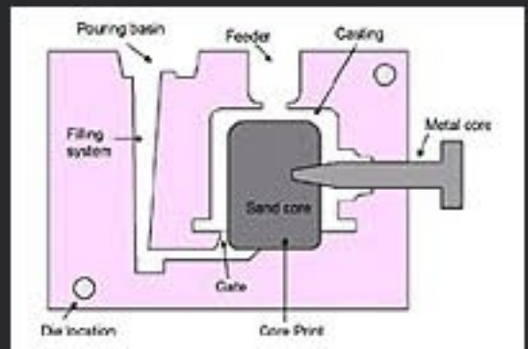
Please note : Anodizing of aluminium alloy castings is different from anodizing pure aluminium (parts that have more than 98% aluminium content like extrusions, bars) The color of the casting changes due to the presence of alloying elements like Silicon. This color change is not seen on pure aluminium.

DESIGN & DEVELOPMENT

At VJP, we have the infrastructure and expertise to design and develop castings of the most challenging complexities. Our design and development efforts are aimed at designed to global standards of quality. With trained and qualified personnel with considerable expertise in casting design & product development, we offer the finest casting design services in the industry. Mastery over the design process ensures that the aluminum components we design exhibit high structural integrity ,while being completely compatible with their end applications.

We have the capability to undertake casting to be compatible with the most stringent specifications of our customers. Our castings are designed using the latest digital tools and tested with simulation softwares for compatibility and consistency. The hallmarks of our casting design and development program are





- Speed - We have the capability to deign & develop complex products and components with short lead times.
- Superior Quality - Quality is maintained through strict adherence to the relevant standards of every industry we cater to.
- Economical - By speeding up the design and development process, we provide our customers with the products they need faster without any compromise on quality.
- Versatility - We have the capability to develop products with complete freedom of design.
- Efficiency & Efficacy - Our design expertise offers us the capability to develop products for multiple products from single & integral casts.

MACHINING PROCESS (IN HOUSE FACILITY)

We have in house CNC Machines and also outsource our machining processes to associate vendors. We ensure that our associates employ cutting-edge machining processes run as per the highest quality standards. Our quality control team also runs stringent quality checks on inward materials & machined components sourced from our vendors.

The various machining processes employed in the manufacturing process are:

- Vertical Milling
- Horizontal Milling
- Turning
- Drilling
- Other Related Machining Activities

Aluminium Turned Components

At VJP, we prefer to supply our castings in a fully machined condition, leaving with us the responsibility for the supply of quality parts.

Aluminium Turned Components

Aluminium Casting Assembly

- We have over two decades of experience in the supply of assembled parts & components.
- Our assembly facilities are equipped with equipment ranging from feeders and drivers to rivet tools and machines as well as insertion presses and guns.
- The cutting edge techniques and equipment we employ vastly boost our ability to offer complete assembly solutions to our customers.
- Our assembly capabilities empower us to undertake all component assembly requirements of our customers in our facilities.
- We provide finished parts for direct usage by customers.
- All assembled parts that we provide are tested as per leading regulatory standards for pressure and leak parameters.
- We have optimised our assembly service to provide cost-effective solutions to our customers, that reduce packaging and shipping costs.

Aluminium Casting Assembly

HEAT TREATMENT PROCESSES

Heat Treatment (In House Facility):

Heat Treatment is the process whereby controlled heating and cooling is used to alter the physical & mechanical properties of metals without affecting any change in the shape of the objects. Heat treatment process is used to increase material strength and also to improve machining, formability & restore ductility. Heat treatment process allows for the improvement in product performance through improvement in material characteristics.

Metallurgy of Heat Treatment of Aluminum Alloys

Aluminum and its Alloys are used in a variety of cast a wrought forms and conditions of heat treatment. Forging, extrusions, sections, etc., are examples of wrought products, while sand, gravity and pressure die castings are generally adopted casting methods.

It has been the practice of Designers to specify heat treatment to enhance mechanical properties, hardness and

It has been the practice of Designers to specify heat treatment to enhance mechanical properties, hardness and machinabilty. Only certain Aluminum Alloys containing alloying elements like CU, Si, Mg and Zn in certain specific percentages can be heat treated to have desired mechanical properties. Other non heat treatable alloys can at the most be annealed to facilitate forming operations.

The various alloying elements mentioned above have limited solubility in solid state and this increase with increased temperature.

Solution Heat Treatment

This involves heating of Aluminum alloy to a particular temperature for sufficient time so that the alloying elements go into solid solution and forma single phase. The factors which affect the final properties of the alloy are soaking temperature, soaking time and cooling rate.

The Soaking temperature depends on various phases which are present in alloys. Each phase will dissolve in solid solution at different rates. The soaking time is based on the rate of dissolution of alloying elements into solid solution. It also depends on the conditions under which the alloy is cast. Sand cast parts have coarser structure than permanent mould casting. Hence sand castings take time for dissolution of phases necessitating longer soaking time.

Commonly used T6 Heat Treatment Process:

1. Solutionising : Keep in furnace at 525 Deg Celsius for 8 Hrs.
2. Quenching : Sudden Quenching in Water at 30 Deg Celsius. .
3. Natural Ageing : Upto 5 Hrs
4. Precipitation : Keep in furnace at 165 Deg Celsius for 8 Hrs.
5. Hardness to be achieved between 80-100 BHN

For the attention of casting designers:

For highly stressed castings it is usually necessary to use heat-treatable alloy. Full heat treatment involves rapid quenching of castings from high temperature solution treatment. The designer must recognize that this process imposes limitations on the size and complexity of castings and that some precautionary measures, such as the use of cast tie bars, may be necessary to minimize distortion of large or intricate castings. Alternatively, for some castings the use of a less strong alloy not requiring full heat treatment is preferred, the deficiency in strength being overcome by increased scantlings in the casting.

At VJP, we have the capability to undertake these heat treatment processes through our associate vendors. We ensure that the processes are carried out as per the highest standards of quality and as per the specifications of our customers.

Coating

Coating is the process whereby components and products are coated or plated through various methods. The coating processes generally utilized by us include :

Painting

This refers to the process whereby a component or product is coated with paints of various types. These paints are chosen as per the requirements of customers and their diverse properties such as water resistance, chemical resistance, abrasion resistance etc.

Plating

Plating refers to the process whereby a metal salt solution is deposited onto metal or conductive surfaces. This includes chrome plating, that is conducted as per the specifications of customers, & powder coating which is conducted as per specifications for colors etc. as required by the clients.

Our coating services adhere to all certifications and quality requirements of our customers.

PICTURE GALLERY

Fan Casting
weight = 20kgs

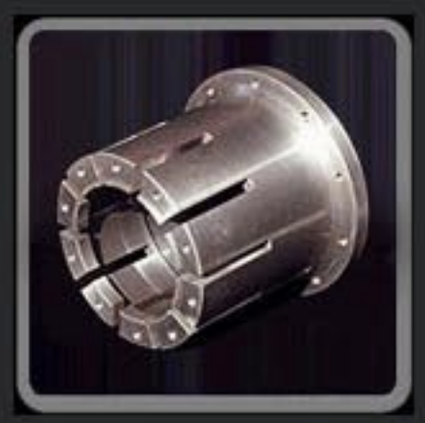
Aluminium Pipe Casting
Weight = 12kgs

Switch Gare Cover Casting
Weight = 12kgs

Manifold casting
weight = 3kgs

Aluminium Housing Casting
Weight = 22kgs

Valve Body
Body = 60kgs



Aluminium Machine Casting
Casting Weight = 6kgs

Aluminium Housing Casting
Weight = 25kgs

Aluminium Impeller Casting
Weight = 5kgs

WE CARE FOR THE ENVIRONMENT

In our manufacturing operations, we have a sustained and close interaction with the environment. Therefore, caring for the environment has been a focal issue in our business philosophy. While consistent and speedy development is important, it is not to come at the cost of the environment. We believe that the organization and every one of its employees has a responsibility towards safeguarding the environment.

Protecting and preserving the environment is ensured through enforcing strict norms and regulatory standards throughout our operations. We have consistently providing industry benchmarks for safety & health standards. An enlightened environmental policy is not only symbolic of our dedication to society, but also of our commitment to provide safe products to customers at all times.

To ensure that we deliver on our commitment to safe environments, we have implemented an effective environment policy that ensures:

1. Adherence to environmental regulations and legislations on a national and international levels.

2. Ensuring that all employees understand and aid in the implementation of environmental friendly practices throughout our operations.

3. Ensuring policy implementation & compliance through periodic audits.

Through sustained efforts & established procedures, we have stood firm on our commitment to ensuring a clean and green environment. It is the safety of our environment that we ensure a safe and sound future for all humanity.

Recent Contribution

This section will be updated soon.

CONTACT

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