

Our Business Division

Turbo Cast (India) Pvt. Ltd. (Aerospace Division)

- ▶ Aerospace Application
- ▶ Defense Application
- ▶ Marine Application
- ▶ Electronics Application
- ▶ Turbo Charger Application
- ▶ Nuclear Application

Turbo2 Cast Pvt. Ltd. (Commercial Division)

- ▶ Valves Application
- ▶ Pumps Application
- ▶ General Engineering
- ▶ Oil & Gas Application
- ▶ Automobile Application

Turbo Cast (USA) Inc. (USA Ware House)

4924 Buttermilk Hollow Road,
West Mifflin,
PA-15122, USA

Turbo Cast (India) Pvt. Ltd.

Aerospace Division (Unit-1)



Our Valuable Customers



Our Approval / Accreditation

- ▶ EN 9100 of TUV NORD, Germany.
- ▶ Nadcap (Nondestructive testing)
- ▶ Nadcap (Welding)
- ▶ Member of Midlands Aerospace Alliance, UK
- ▶ ISO 9001:2015 of TUV NORD, Germany.
- ▶ ISO 14001:2015 of TUV NORD, Germany.
- ▶ ISO 45001:2018 of TUV NORD, Germany.
- ▶ Member of Investment Casting Institute, USA



Investment Castings

Turbo Cast (India) Pvt. Ltd.



Regd. Office:-

"Satyam", 35 / Silver Sand, Opp.:- Big Bazar,
150 Feet Ring Road, Rajkot - 360 001, India.

E-Mail : info@turbo-cast.com

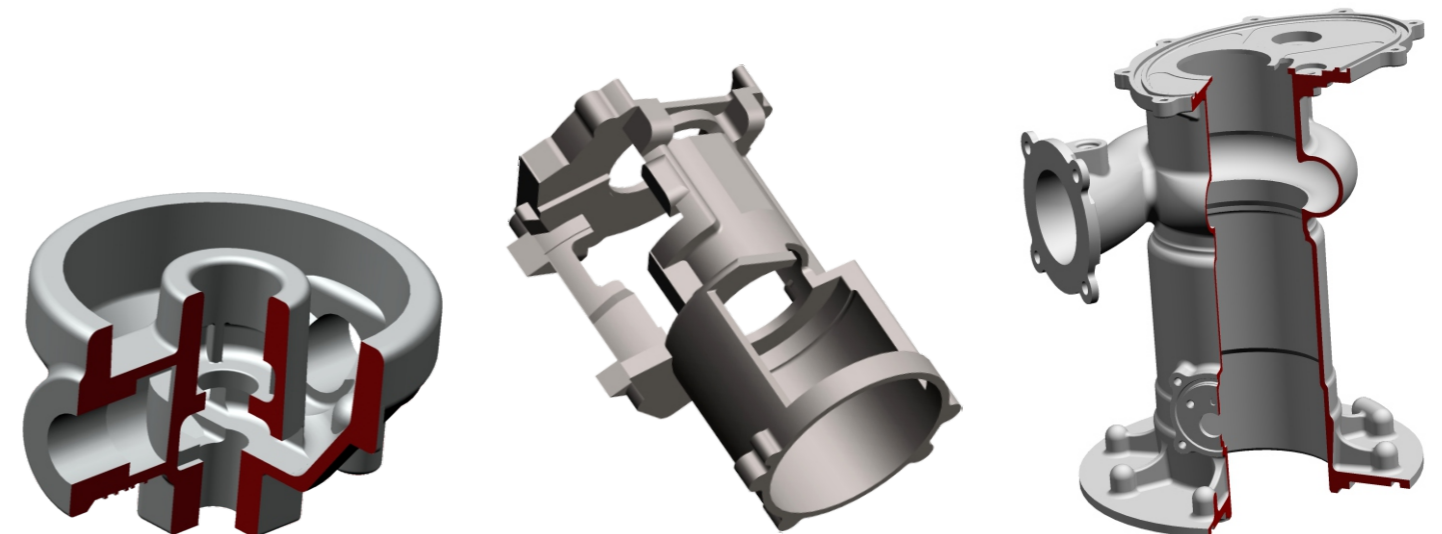
Website : www.turbo-cast.com

Works:-

Survey No. 21, Village :- Biliyala,
Rajkot-Gondal National Highway,

B/h Pan Agri Export, Rajkot - 360311

Phone:- +91-2825 - 280301 / 280302



About Us

Turbo Cast (India) Pvt. Ltd. is India's First Indigenous Investment Casting Foundry, started in 2015, especially for Aerospace, Defense Application and Aluminium Alloys, accredited for EN9100, Nadcap (NDT) & Nadcap (Welding) Certification. We have applied for Nadcap (Heat Treatment) & Nadcap (Radiography Testing) and planned to get both Certification by 2023.

We have in-house Tool Manufacturing & CNC Machining Facility.

In 2023, we have started our 2nd unit Turbo2 Cast Pvt. Ltd. (Commercial Division).

In 2022, we have registered Turbo Cast USA Inc. & started Ware House in USA.

Product

Lost Wax Investment Castings for Aerospace, Defense, Medical Application & Aluminum Alloys

Manufacturing Capabilities

Single Piece Size : 25 X 10 X 5 mm (Min.) to 600 X 300 X 200 mm (Max)

Single Piece Wt. : 50 Grams to 60 Kg. for Steel & 15 Grams to 15 Kg. for Al.

Material of Product

Stainless Steel : 1.4408, 1.4581, CK3MCuN, CN7M, CK-20, CF3M, MSRR 6527, etc.

Aluminum Alloys : A201, A356, A357, 359, C355, L169, AlSi7Mg0.3, etc.

Cobalt Alloys : Stellite-6, Stellite-12, Stellite-20, Co28Cr6Mo, etc.

Copper Alloys : Aluminum Bronze, Tin Bronze, Phosphorus Bronze, etc.

Nickel Alloys : CW12MW, CZ-100, M35-1, CW6MC, CU5MCuC, N12MV, etc.

Prec. Hard. Steel : 17-4 PH, 15-5 PH, etc.

Duplex Steel : Gr.1B (CD4MCuN), Gr.3A, Gr.4A, Gr.5A, Gr. 6A, etc.

Testing & Inspection Facilities

Chemical Analysis (Spectro Analysis)

Mechanical Testing.

FPI / Dye Penetrant Testing (Nadcap)

Magnetic Particle Inspection (Nadcap Outsource)

Microstructure Analysis

Grain Size Measurement.

Computed Radiography Test (Nadcap from 2023)

Casting Solidification Simulation (Outsource)

Roughness Tester (Carl Zeiss, GmbH)

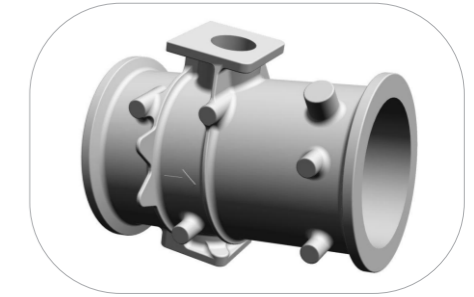
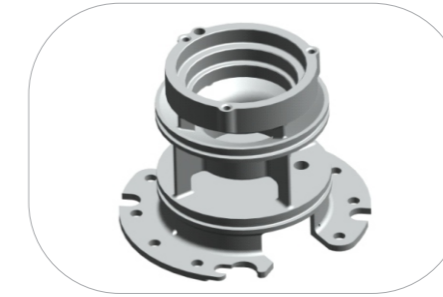
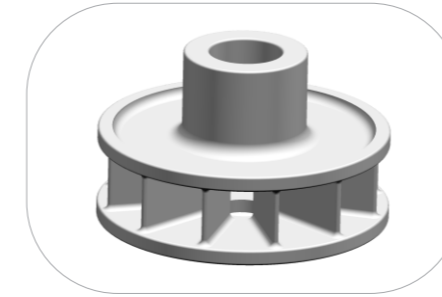
CMM from Carl Zeiss (700 X 1000 X 600)

Contour Measuring Machine (Carl Zeiss, GmbH)

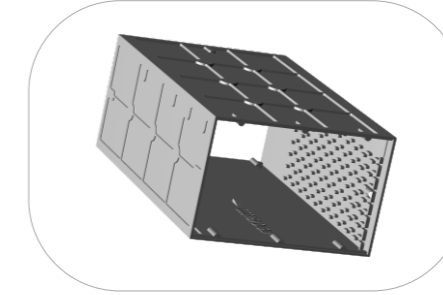
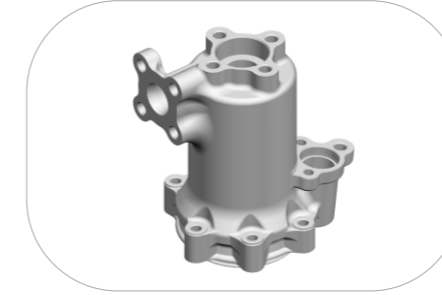
Radiation Alert Digilert 100 (Mineralab LLC, USA)

Products

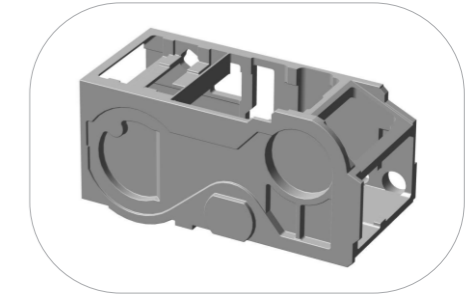
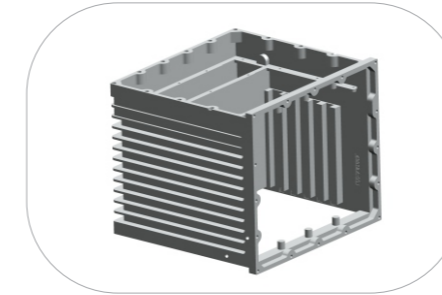
Aerospace Application



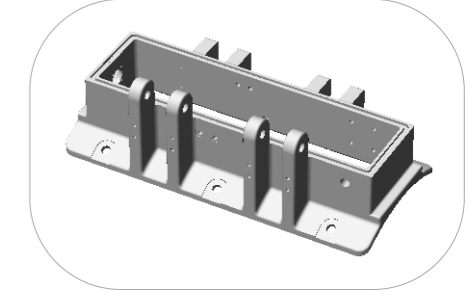
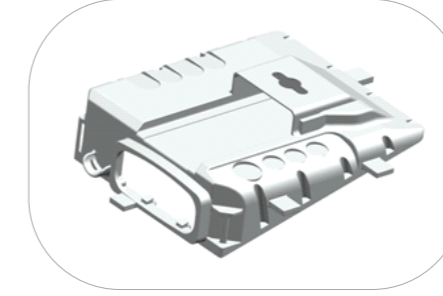
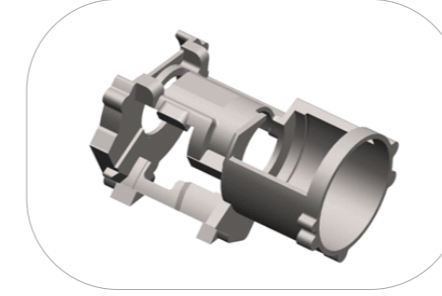
Aerospace Application



Defense Application



Defense Application



Electronics Application

