

GLOBALLY RENOWNED CASTING

www.amconcastings.com

Our Story

AMCON CASTINGS PVT. LTD. is an ultra-modern organization at RAJKOT, GUJARAT – INDIA produces an INVESTMENT CASTINGS known as Lost Wax / Micro Fusion / Feinguss Castings in Ferrous- Nonferrous cast metals. The plant is strategically located in the engineering hub of western India Rajkot in the state of Gujarat connected with airport & railway.

PRECISION
IN EVERY *POUR.*



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From The Desk

MANISH KHACHAR (MD)

“We Cast Commitment” is a philosophy of **AMCON Castings Pvt. Ltd.’s Managing Director Mr. Manish Khachar**. A true leader with a vast business & management experience for more than 30 years in Core Foundry an engineering industry, especially in investment casting field.

At AMCON, we strongly believe in “**Ultimate Customer Experience**” with on-time deliveries, the best & consistent product quality “**Right From The First**”.

Our Infrastructure

Manufacturing Facility

30,000 Sq. Mtr. Area

Manufacturing Capacity

300+ MT Per Month

Total Constructed Plant

15,000 Sq. Mtr.



OUR STATISTICS

300MT
Per Month Capacity

100%
Quality Assured

15+
Export Countries

450+
Team Members

VISION

We strive to provide premium, high-quality products and become an industry leader through continuous innovation and the introduction of new techniques and technologies. We understand our customer's needs and focus on them by providing the highest quality products, services and solutions.

MISSION

We establish warm business relationships with our customers, aim for market leadership, and grow together with our customers, suppliers and employees.

**“ OUR QUALITY IS
OUR CORE VALUE. ”**



Why Choose AMCON

We are committed to providing our customers the best metal products and exceptional customer service that makes AMCON as a first choice of customer.

- ▶ Ultra-modern plant to fulfill customer needs.
- ▶ Most of In-house Facilities supported by latest technology.
- ▶ Simulation software & experienced team has capability to provide sound castings "Right From First".
- ▶ Robotic & updated manual shelling process for faster & uniform shelling.
- ▶ All require facilities in-house like ceramic core, surface treatment, Electro polishing, buffing, laser welding, stainless steels shot blasting.
- ▶ Single piece cast up to 300 Kgs in various type of metals.
- ▶ Exceptional & Proven track record for cast metals in standards of ASTM, DIN, UNS, IS ...etc.
- ▶ In - house pit type electric heat treatment furnaces.
- ▶ In-house volumetric & gravimetric testing laboratory for Raw & Consumable materials & metals .
- ▶ In-house cobalt radiography pit for high wall thickness castings, plus an iridium pit for regular castings.
- ▶ Exclusive shelling area for complex & intricate castings.
- ▶ Advance Precision Machine Division. (CNC TC, VTC, TMC, VMC, HMC, BALANCING & CMM).
- ▶ Young, experienced, competent, professional technocrat for all time technical & design support.

Our Process To Create Incredible Things

Lost Wax / Micro Fusion / Feinguss

 **AMCON
CASTINGS**

Our Process Goes Through Different Stages As Shown Here
For Developing Precise Casting Parts.



DIE DEVELOPMENT



WAX PATTERN INJECTION



WAX PATTERN ASSMBLY



CERAMIC COATING



DE-WAXING



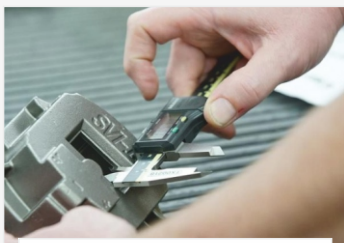
POURING/MELTING



HEAT TREATMENT



FETTLING/GRINDING



CASTING INSPECTION



MACHINING



FINAL INSPECTION



DISPATCH

Investing In **Quality,** Casting A **Legacy Of** **Excellence**

In Terms Of Testing Devices, We Have Different Types Of Inspection Tools And Advanced Testing Instruments.



SPECTRO ANALYSIS



MECHANICAL TESTING



IMPACT TESTING



BRINELL HARDNESS TESTING



ROCKWELL HARDNESS TESTING



MICROSTRUCTURE ANALYSIS

Precision In Pour,
Perfection In **Testing**,
Investing **Smartly**

Quality & Testing



DYE PENETRANT



RADIOGRAPHY ANALYSIS



MAGNETIC PARTICAL TESTING



SURFACE ROUGHNESS TESTING



CMM



HYDRAULIC PRESSURE TESTING



OUR VERTICALS

Industrial Valves

We manufacture heavy-duty, affordable and best quality products for high pressure and temperature.

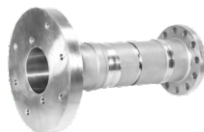
Butterfly Valve



Knife Gate Valve



Ball Valve





Oil & Gas Sector

Engineering Sector

Food & Pharma Sector

Gate Valve



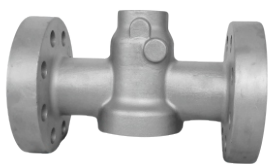
Globe Valve



Check Valve

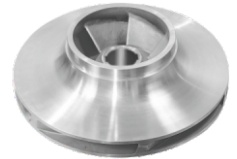
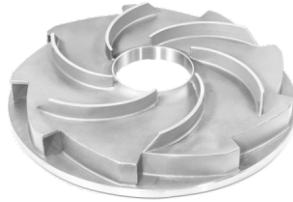


Plug Valve



Industrial Pumps

Below list of pump castings that are the best choice for any applications that involve harsh liquids.



Food & Pharma

We offer a wide range of products that are perfect for Food & Pharma Industries.



Automobile

Complex, high-volume and machined castings for Automobile Industries.



General Engineering



The Leading Provider Of **Innovative
Technology Solutions For Investment
Castings.**

Oil & Gas

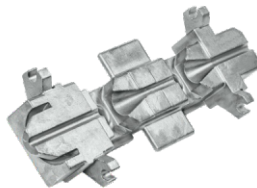


Pressure Retainer

Get Simple, Reliable And Precise Castings For Heavy Metal Industries.



Steel Mill



Investment Castings
**World Class Metal Casting Foundry,
Delivers Quality & Precision.**



Value Added Service

Precision Machining

We are having fully equipped machines which are capable of supplying large or small volumes with ready-to-use components exactly as per customer requirements. We have the latest and branded machines.



MAZAK-TMC QT-C200M



HAAS-TC ST-20



HAAS-VMC VF-2



DOOSAN-HMC NHP-6300



DOOSAN-TC PUMA-5100



DOOSAN-VMC DNM5700



LMW-TC GIGATURN



DOOSAN-VTC PUMA V8300

CERTIFICATIONS

Certifications related to castings manufacturing ensure that a manufacturer meets quality standards and possesses the necessary capabilities to produce high-quality castings.



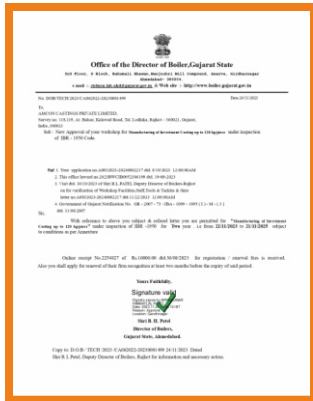
ISO 9001:2015



ISO 45001:2018



ISO 14001:2015



IBR



PED 2014/68/EU



AD 2000-MERKBLATT WO



NORSOK-M650



IATF 16949-2016

Materials We Cast

List of Materials We Use – approved by **ASTM & DIN Standards**



| Carbon Steel | Alloy Steel | Duplex Stainless Steel |
|--|--|---|
| ASTM A216 WCB, WCC | ASTM A217 WC1, WC6, WC9, C5, C12, C12A, CA15 | ASTM A890, ASTM A995 CD6MN Gr. 3A, CD4MCu Gr. 1B, CD3MN Gr. 4A, CE3MN Gr. 5A, CD3MWCuN Gr. 6A, CD3MWN Gr. 7A, |
| Low alloy Steel | Stainless Steel | Nickel & Cobalt base Alloys |
| ASTM A352 LCB, LCC, LC1, LC2, CA6NM ASTM A732 1A TYPE IC 1020, 2A TYPE IC 1030, 3A TYPE IC 1040, 8Q TYPE IC 4140, 13Q TYPE IC 8620, 7Q TYPE IC 4130 | ASTM A351, ASTM A743 CF8, CF8M, CF8C, CF3, CF3M, CG8M, CG3M, CA-15, CA-40, CF20, CK20, CN7M, CK3MCuN | ASTM A494 N-12 MV, M25S, M35-1, CW6M, CW2M, N7M, CW-12MW, CX-2MW, CU5MCuC, CW6MC, Stellite 6, Stellite 12, Stellite 21 |
| Non Ferrous Alloys | Note: Apart from the above materials we can cast based on customer specifications. | |
| ASTM B584 C87500, C89836 ASTM B148 C95800 ASTM B505 CuSn14 | | |

SUSTAINABILITY & ENVIRONMENT PROTECTION

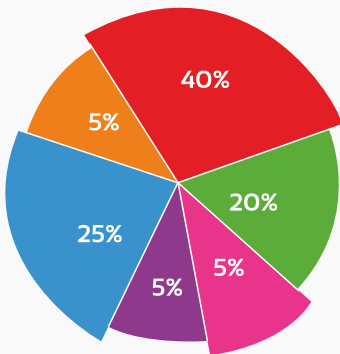
AMCON Castings Pvt. Ltd. has invested in captive solar plant-4mw & committed to reduce CO₂ emissions.



AMCON CASTING PVT. LTD. PROVIDES THE BELOW FACILITIES

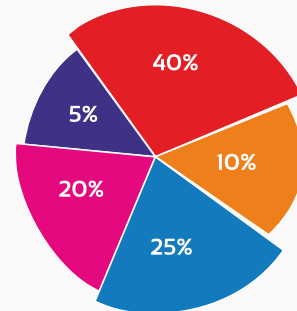
Min- Max Stocking.
Ware- Housing Solutions.
Dedicated Teams For Each Customer.

INDUSTRY WISE SECTORS



- Valves
- Pumps
- Automotive
- Food & Farma
- Steel Mill
- Other Industries

MATERIAL WISE SECTORS



- Stainless Steel
- Nickel Based Super Alloy
- Duplex Stainless Steel
- Carbon Steel
- Cobalt

COUNTRIES WE EXPORT



GERMANY



SPAIN



FRANCE



UNITED KINGDOM



TURKEY



CANADA



ITALY



USA



BELGIUM



AUSTRIA



DENMARK



SWEDEN



AMCON



AMCON CASTINGS PVT. LTD.

Survey No.118/1, 119, At.Balsar, Kalawad Road,
Tal.Lodhika, Rajkot 360021, Gujarat, India.
info@amconcastings.com | +91 95661 88349