



DESTINATION FOR  
INVESTMENT CASTINGS  
OF FERROUS & NON-FERROUS METAL



AN ISO 9001:2008, PED 97/23/EC, AD2000-WO, IBR CERTIFIED

# THE COMPANY



## ABOUT US :

Project of **AMAZON TECHNOCAST PVT. LTD.**, an Investment Casting unit, was established in 2014 by well known group of industry, known as "Millennium Group", exists in forging industry. At present, two companies of this group are working in the field of forging products, known as "Millennium Ring Mfg. Co." and "Millennium Forging Pvt. Ltd.". These companies are in operation since more than 20 years and win over the market with goodwill. Well industrial experienced, dynamic & young technocrats of "Millennium Group" are leading this Investment Casting unit equipped with a great infrastructure, high tech facility and obviously highly experienced team.

## PROCESS



**DIE DEVELOPMENT**



**WAX INJECTION**



**WAX PATTERN ASSEMBLY**



**DEWAXING**



**MELTING & POURING**



**HEAT TREATMENT**

## VISION :

To convince the market by total customer satisfaction in terms of quality & timely delivery at optimum cost.

## INFRASTRUCTURE :

### Plant

Installed Plant Capacity : 1200 MT per annum

Total Area : 5000 Sq. Mtr.

Covered Area : 3000 Sq. Mtr.

Labor Quarters : 50 Nos.

### Capabilities

- Casting Size : 600mm (L) x 600mm (B) x 300mm (H) Max.
- Casting Weight : 15gms to 120Kg./Pc.
- Surface Finish : Ra 3 to 6 micron, depends on casting weight & geometry
- Dimensional Accuracy : As per IS:11166 - 1993 Class 2 or VDG P690 - D1 accuracy

## GRADES WE CAN CAST :

**Carbon Steel** : WCB, WCC, LCC, LCB etc.

**Low Alloy Steel** : WC1,WC4,WC5,WC6,WC9,WC11, C5,C12,C12A etc.

**Martensitic Steel** : CA15, CA40, CA6NM, 17-4PH etc.

**Heat Resisting Steel** : HF, HH, HI, HK, HD etc.

**Austenitic Stainless Steel** : CF8, CF8M, CF3, CF3M, CF8C, CF10, CK20,CH20, CN7M, CG8M,CG3M etc.

**Austenitic Ferrite Duplex Steel** : CF3MN, CD4MCu, CG6MMN, CK3MCuN etc.

**Super Duplex Stainless Steel** : Gr 1A, Gr 2A, Gr 3A, Gr 4A, Gr 5A, Gr 6A etc.

**Nickle Based Super Alloys** : M-35- 1, M-35- 2, M 30 C, N-12MV, N-7M,CY40,CW12MW, CW6M, CW2M, CW6MC, CX2MW, Cu5MCuC, 50Cr50Ni, 50Cr50Ni-Nb, 60Cr40Ni etc.

**Cobalt Based Alloys** : Stellite3, Stellite 6, Stellite 21, Stellite 23, Triballoy T 400 etc.

**Non ferrous grades** : LM6,LM9,LM13, AB1,AB2, LB1,LB2, LB3,LB4,LB5, PB1,PB2,PB3,PB4 LPB1, G1,G2,LG1,LG2,LG3, LG4 etc.

We can also cast other than above grades as per Customer's specification meeting to any standards like ASTM,BS,DIN,EN, GOST,JIS,IS etc.



**PRIMARY COATING**



**BACKUP COATING**



**DRYING**



**FETTLING**



**FINAL INSPECTION**



**DISPATCH**





PUMP PARTS



OIL & GAS INDUSTRIES PARTS



NON FERROUS PARTS



AUTOMOBILE PARTS



FOOD PROCESSING PARTS



HARDWARE FITTINGS



FIRE FIGHTING PARTS



# INSPECTION & TESTING

Strong quality assurance structure, a series of inspection activities and modern testing equipments facilitate our qualified quality professionals to guarantee for consistent quality of casting.

We employ dimensional inspection, chemical spectro analysis, physical properties testing and non-destructive testing techniques to guarantee that every casting meets customer's intended dimensional accuracy, design tolerance and structural integrity requirements.



**DIMENSIONAL INSPECTION**



**CHEMICAL ANALYSIS**



**TENSILE TEST**



**IMPACT TEST**



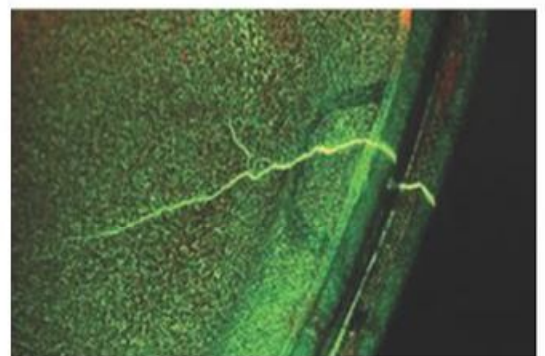
**MICRO ANALYSIS**



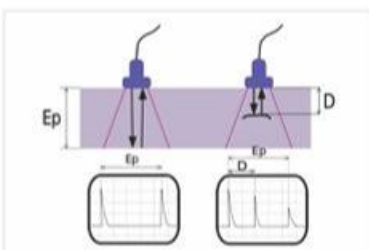
**DIE PENETRANT TEST**



**HARDNESS TEST**



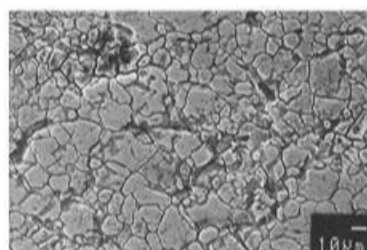
**MAGNAFLUX TEST**



**ULTRASONIC TEST**



**RADIOGRAPHY TEST**



**IGC TEST**



**SURFACE ROUGHNESS TEST**



**ISO:9001-2008**



**PED 97/23/EC**



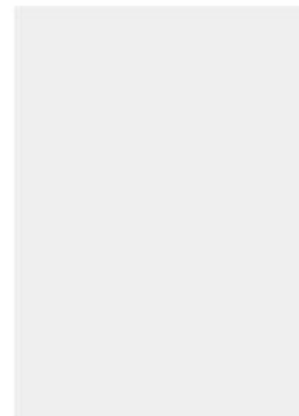
**AD-2000 MERKBLATT WO**



**IBR**



**Applying  
for Marine Approval**

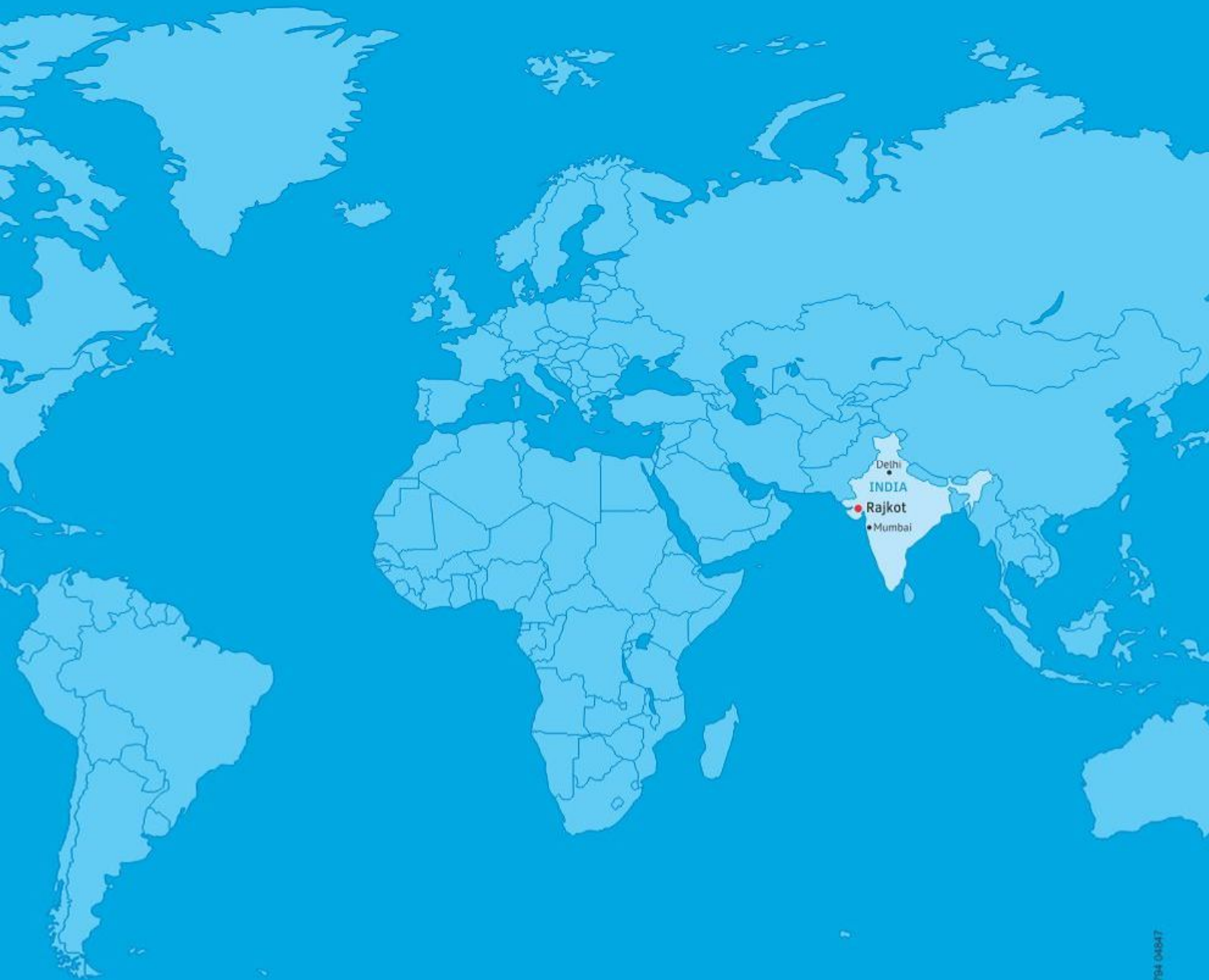


## Value Added Services

We may cater following value addition process

- Machining
- CMM Inspection
- Electro Polishing
- Zinc Plating
- Nickel / Chrome Plating
- Phosphating
- Painting
- Powder Coating
- Mirror Finishing
- Third Party Inspection

			
Group of Companies	Millennium Forging Pvt. Ltd.	Millennium Ring Mfg. Co.	Devangi Engineering
Year of Establishment	1997	2004	2004
Activity	Close Die Forging	Seamless Ring Rolling	Machining
Capacity	600 MT/Month, 90 Kg/Pc Max.	600 MT/Month, 80 Kg/Pc Max, Dia. 600 mm Max.  Future Expansion: Dia. 1 Mtr., 1 MT/Pc	600 MT/Month, Dia. 600 mm Max.



### **Amazon Technocast Pvt. Ltd**

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