





# **VALVE CASTING TECHNOLOGY**



Anugraha Valve Castings Limited

# **Product Range**

Anugraha has the most comprehensive and renewed spectrum of wide ranging product mix and proudly announces and manufactures all components of different valves like Gate Valve, Globe Valve, Swing Check Valve, Strainer Valves, Control Valve, Knife Gate Valve, Safety Relief Valve, Ball Valve, Butterfly Valve, Plug Valve and Flame Arrester Valve.

## **Material Specifications** ASTM/ASME/DIN-EN

### Material

Carbon and Low Alloy Steel, High Alloy Steel, Stainless Steel, Nickel based Alloy, Duplex and Super Duplex Steel

## Production Capacity: 15000 Metric tons per annum

# Melting:

Induction furnaces: 350 kgs / 500 kgs / 1000 kgs / 3000 kgs / 5000 kgs crucibles.

# Maximum Single Piece Weight: 5000.00 kgs (11020 LBS)

# **Testing Facilities**

Anugraha's forte lies in the convention usage of sophisticated testing facilities.

Anugraha's laboratory has facility for mechanical testing, chemical analysis and sand testing. Mechanical properties testing like tensile, impact, hardness and high temperature tensile testing up to 550 degree Celsius. Chemical Analysis - Thermo Fischer ARL 3460 (OES)

Hydro Static Testing Machine: Full Auto & safer Hydromachine (180T) with floor hydro options, Size: 1100mm x 1100mm HE,

Pressure Rating Max: 10000 Psi

Class 2500 for 1" to 6" Bodies Class 1500 for 8" Bodies Class 900 for 10"Bodies Class 600 for 12" Bodies, Class 300 for 14" ,16" and 20" Bodies

NDT Tests like, Magnetic Particle Test, Dye penetrant Test, and Air Testing.

### **Radiography Testing**

raha has in house facility at the Unit-VI for Radiography Testing and also has tie up with External approved radiographic agencies. Review and interpretation of the testing is done by Anugraha's qualified NDT level-II personnel in RT acc to ASNT-TC 1A and EN 473

Anugraha has obtained its ISO 9001:2008 certification accredited by M/s.Lloyds Register Quality Assurance & TUV Nord.

Anugraha Got AD 2000-Merkblatt W0 approval, 97/23/EC Approval and ISO 3834 - 2 (EN 729-2) Approval by TUV Nord.

Anugraha has the approval for manufacturing of material from BV, Lloyds, DNV-GL AS, ABS, NKK and RINA for witness pouring, testing review and certification-Marine Application, approval for Manufacturer Capability Certificate (MCC) from Germanischer Lloyd (OIL and GAS) and has Manufacturer Qualification for special materials 4A, 5A and 6A, according to NORSOK M-650 Ed.4.

### Machine Shop

We have fully equipped Two Machine shops with the following Machines

HMC-MAZAK 4 Nos. VTL-HWACHON 13 Nos VTL-YOUJI 6 Nos. VMC-LEADWELL 1 No

And conventional lathes



Anugraha Valve Castings Limited is one of the leading Steel Foundry situated in the Steel Hub South India, Coimbatore and has Four Foundries and Two Machine Shops. For the last Two decades Anugraha has been serving to the Major Valve Manufacturers who cater Engineering, Petroleum, Chemical and Gas Industries globally. Our reputation is built on providing Timely Delivery and Superior Quality. Anugraha's main focus is on the production of Industrial Valve Castings with size ranging from 0.5" to 32" according to ASTM and EN Specifications in Raw and Fully machined condition. We strive to provide our customers with the shortest possible lead time in the industry and excellent customer service. Anugraha is an environmental friendly corporate as has implemented programs like Thermal Sand Reclamation system maintained four acres of green belt to promote green revolution and commissioned 6 Nos.of Wind Turbine Generators with capacity of 6850 MVA besides Solar Power with the capacity of 500 kw.

Anugraha exports over 36 million US\$ value of steel castings per annum. As Anugraha follows consistent quality as per international standards, decorated with quality certifications like ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007, etc.

Speaking of competence, Anugraha is second to none in equipping with state-of-the-art technologies in an expansive plinth area and has a dedicated band of trained personnel who work with the most recent Quality-Testing equipment. Consequently various competent authorities have credited us.

Anugraha's department of finance is managed by well qualified professionals, We are banking with State Bank of India, the Number One Bank in India.

Anugraha Exports over 6000 Metric tons of Steel, Stainless Steel, Alloy Steel, Nickel based Alloy, Duplex and Super Duplex steel castings per annum in Raw and fully machined conditions.









# **Future Strategy**

Encouraged by the growth of the Company, we are pressed forward to line with globalization. Anugraha took to a strategy favoring an ambitious Expansion Program - associated with Modernisation, Aggressive Marketing and Extensive Exports.

Anugraha has demonstrated its productive prowess through Exports, wherewith its strong Infrastructure and commitment to Quality - credits to the indefatigability of an able band of efficient management. Exports are now bound for European Union countries and USA.

With all the above laurels and more to its credit, Anugraha can understandably be said to have come of age and pride.

In Anugraha Valve Castings Limited, we look into future with a strong base developed in the past.

# **Geographical Advantage**

We are strategically located for global trade. The city, Coimbatore, is a bustling metropolis with heavy industrial concentration and abundant infrastructure facilities. The city is surrounded with numerous satellite towns that are industrialized and prove to be viable commercial centers.

It takes hardly 15 minutes drive to the Anugraha premises from Airport. The industry is well within the reach of transport networks.



# **ANUGRAHA VALVE CASTINGS LIMITED**

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