

GEMUS ENGINEERING LTD.



Cost Effective Organization
Dedicated & Experienced Work Force
Logistical Advantages - Close to Raw Material and Sea Ports
Inherent Production Flexibility
Well Spread Infrastructure providing complete solution to Customers

www.gumusengg.com

CASTING EXCELLENCE



Gemus Engineering

Reliability because of accreditation from Globally Recognized Certification.

Gemus provides complete solutions to Customers by developing Cast-Components based on Engineering Drawings and supplying them in fully Machined and Coated condition as per required specifications.

Casting Patterns are quickly created from Drawings or Solid Models and Gating and Riserling are finalized by a team of skilled and experienced Pptern Shop Technicians headed by a dedicated Development Manager. Since inception, we have produced a broad range of castings for numerous industries and we regularly produce specialized castings with thin cross-sections.

A series of In-house Testing Laboratories ensure that all castings that leave our Foundry receive the same attention to details that our Gemus products get. Raw Materials are scrutinized to ensure conformance to specifications.

Manufacturing Infrastructure

We have modern manufacturing facilities for production of Quality Castings. The company uses Green Sand and Dry Sand System for molding and Oil Bonded, No-bake, CO₂, Shell Resin for Core Preparation including:

- Medium Frequency Induction Melting Furnace with two crucibles of 1 MT capacity & 550 KW Power Output.
- Electrically Operated Core Baking Oven with re-circulating fan & programmable digital temperature controller. Maximum working temperature 200 degree centigrade. - 6 units.
- Electrically Operated Bell Type Annealing Furnace with re-circulating fan, fast cooling arrangement, programmable digital controller, with maximum working temperature of 1200 degree centigrade.





QUALITY MANAGEMENT

Gemus has a stringent Quality Management System in accordance to ISO:2001 which involves testing and inspection at all stages of manufacturing. Inspection begins right from the raw material stage and only material confirming to specifications are accepted and used for manufacturing. Thereafter inspection is carried out at each and every step to ensure that only quality castings are produced and supplied. Periodic audits and inspection are carried out to maintain and upgrade the efficacy of the Quality Management System.

The intent to match global standards of excellence underlines our commitment in providing quality service right from handling your inquiries to timely delivery of products. Our products underscore a basic intent to uphold values of an organization, which is working with a global orientation. Every order receives the in-depth attention of our qualified and experienced engineers who value the investment of our customers. As a symbol of reliability, Gemus has got itself accredited with ISO 9001 certificate, by Underwriters Laboratory Inc, USA.

Gemus has the following facilities in-house for conducting inspections & tests:

1. Chemical Testing Laboratory
2. Sand Testing Laboratory
3. Metallurgical Laboratory for Micro-structure Analysis



Gemus Engineering Limited was incorporated in 1996 by the Sharma Family for the manufacturing of Ductile Iron Castings. We have a well-equipped foundry with modern manufacturing & testing facility near Kolkata, India where we manufacture ready to use engineered castings in duly machined condition with surface treatment as per customer's requirements.

Within a short span, we have already established ourselves as a quality manufacturer and are working with some of the leading companies in India. Our forthright approach in providing value for money to our customers has helped us in exporting our products to USA, Europe & Mid-West Asian Countries.

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- 1) ISO 9001 : 2008 by LMS Certifications Private Limited
- 2) ISO/TS 16949 : 2009 by CERMET Scar. , Italy



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