

STEELCAST LIMITED
QUALITY, ENVIRONMENTAL AND OH & S POLICY
Version 1.1
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STEELCAST LIMITED

QUALITY, ENVIRONMENTAL AND OH & S POLICY

In an environment demanding continuously higher quality products, one of our strengths has been in being able to successfully meet the challenge and have been recognized as leaders in our principal product lines. Our foundry has won following awards, recognitions and certifications based on our quality:

1. "Best Foundry" Award from the Institute of Indian Foundrymen for having best import substitution record amongst all foundries in India;
2. Approved as a recognized R&D Laboratory by the Department of Science & Technology, Government of India;
3. Recognized as an "Approved Contractor" by the Director of Quality Assurance, Government of India;
4. Star Export House Status holder;
5. Approved Foundry under Indian Boilers Regulations;
6. Recipient of Shri Laxmanrao Kirloskar Best Foundry Award from the Institute of Indian Foundrymen;
7. "Best Vendor (Category-Castings)" award from M/s. Bharat Earth Movers Ltd., Bangalore, in recognition of outstanding performance in supply of materials;
8. Recipient of Award for achieving Highest Rating in the ranking of India's Top 500 manufacturing Small & Mid Sized Companies;
9. 1st Steel Foundry in India to get ISO:9002 Certification;
10. An ISO:9001-2015 Company certified by TUV NORD, Germany (for Quality);
11. An ISO:14001-2015 Company certified by TUV NORD, Germany (for Environment);
12. An ISO 45001:2018 Company certified by TUV NORD, Germany (for Occupational Health & Safety);
13. An EN 9100:2018 certified by TUV NORD, Germany (for Aerospace);
14. Class A approved foundry by Ministry of Railways, India;
15. Accreditation for SQEP Bronze certificate for Excellence in Quality by Caterpillar,USA;
16. Accreditation by Transport & Power Generation program (TPG) for Casting, Heat Treatment & Non Destructive Testing;
17. Accreditation by Association of American Rail Road (AAR) under Renewal Process;
18. Accreditation as an NABL (National Accreditation Board for Testing and Calibration Laboratories) approved Laboratory.

Clearly laid down norms for Quality Assurance at all stages, including product design, process engineering, inputs control, manufacturing, process control, final inspection etc., and a strong adherence to the norms has been the key to our success. The Quality Assurance covering equipment, personnel, testing and documentation provides for a periodic auditing and continuous self-correction.

QUALITY, ENVIRONMENTAL AND OH & S POLICY

STEELCAST LIMITED is manufacturing Steel Castings to satisfy our customers both on quality and services in a healthy, safe & environmentally responsible manner.

We are committed to :

- Produce goods with excellent performance and at reasonable price.
- Comply with applicable legal & other requirements.
- Adopt programs for prevention of pollution, improving health & safety performance, resource conservation and waste reduction.
- Continual improvement in our Quality, Environmental and Occupational Health & Safety performance through efficient systems and procedures.

We will encourage teamwork, co-operation, education and training of all our people to fulfill our commitment to Quality, Environmental and OH & S Management System in our operations.

QUALITY CONTROL

All our products undergo various 'Destructive' as well as 'Non-Destructive' test before delivery.

The chemical and Mechanical wings of our well-equipped Laboratory are having NABL (National Accreditation Board for Testing and Calibration Laboratories) Accreditation. The main features of our laboratory are as under:

- **Chemical Laboratory:** For direct chemical analysis, we have 'Optical Emission Spectrometer' having features of PMT (Photo Multiplier Tube), low 'Nitrogen' analysis and wider focal length. We have also another 'Spectro-Max Spectrometer' for direct chemical analysis.

We also have colorimeter arrangement for quick chemical analysis in addition to the usual wet Method Apparatus.

- **Physical Testing Laboratory:** We are equipped with –
 - a. 'Universal Tensile Testing' with 20 Tons capacity with Extensometer
 - b. Impact Testing Machine with Sub-Zero testing facility
 - c. Hardness Testing Machine to measure Brinell & Rockwell hardness.
 - d. Portable King's and Equotip hardness tester.
- **Metallography Laboratory:** We have Microscope to assess Microstructure with phase & micro-photography of any Steel or Ferrous Material at different magnifications. Further, our Micro-Vickers Hardness tester measures phase hardness and In-situ Portable Microscope to see Microstructure on site.
- **Sand Testing Laboratory:** We have complete range of testing Equipment for laboratory work to test different parameters of incoming sand as well as for shop floor, covering the testing Methylene Blue Clay, Shatter Index, Liquid limit, Mouldability, Mould Strength, Impact Penetration strength, Core gas determinator. We also have Viscometer to measure Viscosity, Water hardness, pH, Chloride etc.
- **Non-Destructive Testing:** The facilities in this segment of our laboratory includes-
 1. Ultrasonic Testing with indigenous and German make Kraut-Kramer Equipment
 2. Radiography with Iridium 192 and Cobalt 60 sources and air conditioned dark room
 3. 1000A and 4000A Magnetic particle Testing Equipment with AC and Half wave DC
 4. Liquid Penetration Testing etc.