



BUSINESS VERTICALS

- Engineering Service
- Testing and Analysis
- Consultancy service
- Technical Training

WHAT MAKES US DIFFERENT?

- Fast, Affordable and complete services
- High quality, dependable interpretation of results, we often use different techniques to effectively verify the results
- Superior customer service, our team is always willing to put extra time and effort to provide you with the solution to your urgent issues.
- We are well aware of the problems typical to your industry, we have the capability to mobilize the right resource to provide you the right Engineering solution.

Location :

M14, 8th Cross, 1st Stage, Peenya Industrial Area, Banaglore 560058

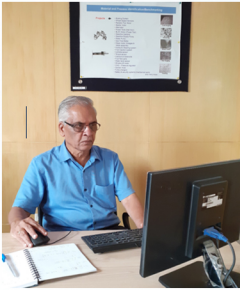
ABOUT US

Vichar Technology is an Industrial Solution Provider based in Bangalore. It was established in the year 2009 to support customers from the manufacturing and engineering services sectors to achieve unique value propositions. Our service activities are managed by a team of professionals with rich experience in Product Design, Reliability Testing, Metallurgy, Material Science and Manufacturing Engineering. They shall strive to solve problems encountered in the design, production and delivery chain. We stand out from other Testing Laboratories because of our capability to lead into finding optimal solutions for our valued customers in their decision making and technical planning, which in turn shall ensure enhancement of efficiency, speed and cost saving.

Our R & D team works on customer projects to develop a suitable Technology to meet the technical requirements. Also, we are working on a few R & D projects of our own. We are largely successful in developing an Activated Carbon process suitable for some specific applications as import substitution.

We comply with global quality standards; we have implemented Quality Management system in accordance with ISO 9001 ; 2015 for the scope of Technical Consultancy and Testing of Metal and Non metal products. Certificate No. TIC15454.

OUR RESOURCES



V V Hegde
Managing Partner

Our Technical service is managed by highly qualified professionals with wide ranging industrial experience:- Material analysis, Failure analysis, Reliability Engineering and Testing, Product Design and Development. Our collective experience is over 200 Man years and it comes from formerly of MNCs and Government R&D organizations. All members of our team are recognized experts in their own field of specialization. Diverse background of our professionals allow us to employ multidisciplinary approach in providing the right engineering solution. Whenever required, we go to the further step of hiring experts to hybridize the right kind of skill sets to execute customized projects for their specific need.

We help organizations to achieve their vital goals. We have reasonably good testing facilities and further, we have tied up with other premier institutions and test labs to enhance our capability to offer a complete solution to our customers.

SERVICES : What all we can do for our customer!

Business verticals

Engineering Services

- Product development
- Reverse Engineering
- Application Engineering

Testing and Analysis

- Test conforming to standard specification
- Product Reliability Testing: Endurance, Aging, Climatic, Vibration etc.
- Material characterization:
 - Material and process identification (Metallic, non metallic, ceramic, Elastomers, Plastics)
 - Activated carbon (as per ASTM / IS / CEFIC Test standard)
- Product Reliability Testing: Endurance, Aging, Climatic, Vibration etc.
- Metallurgical analysis: Chemistry, Microstructure, Heat treatment, Coating analysis, SEM and TEM analysis, study of physical & mechanical properties of materials etc.

Technical Consultancy Service

- Failure Analysis
- Metallurgy
- Reliability Engineering – Product life time evaluation
- Process Audit
- Vendor development

Technical Training

- Engineering materials
- Heat Treatment, Surface Treatment
- Metallurgical Testing
- Polymer Technology
- GD&T
- Manufacturing Engineering

OUR CUSTOMERS

We are preferred Vendor for most of our customers.

Our team collaborates as a true extension of a our customers project team, discovering and developing innovative opportunities.

We have customers from

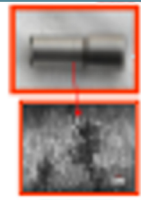
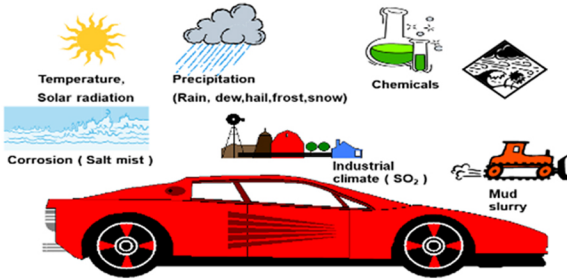
- Automotive
- Electrical and Electronics
- Industrial
- Medical Devices
- Energy
- Home Appliance

ranging from MNCs to many MSMEs

CREDENTIALS

We seek customer feedback on a continuous basis to bring in improvement in quality and work culture. This also helps us, indeed, to get deeper understanding of project objectives and customer requirements. Some of the customer feedbacks are :

- “ I appreciate the clinical analysis and systematic method adopted” .
- “we are very happy with your technical service. We would like you to support us in Polymer analysis on a continuous basis”



Internal details thro' X ray

Cold forging

Sintering

Sheet metal

Hot forging

Casting

C coating

Electroless Nickel coating

Maximum Pressure (MPa)

Cracked Stress (MPa)

Strength and toughness

Tempering temperature

Charpy impact energy

Test duration in hours

TEST FACILITIES (IN HOUSE)

- Thermal shock test chamber (-50° C to +150° C)
- Cyclic Humidity- Temperature Test Chamber
- Cold Test Chamber (upto - 70° C)
- Hot Air Oven (up to 250° C)
- Muffle furnace (up to 1000° C)
- Pressure Pulsation Test Equipment (0 to 8 bar)
- Hose Test (Twist and Flex test)
- Sieve analysis
- Bulk Density
- UV-Vis Spectrometer
- Microprocessor controlled pH meter
- Conductivity and TDS meter
- Density Kit

PROJECTS & CASE STUDIES

- Setting up of Heat Treatment plant at Salem
- Heat Treatment Cluster program to upgrade HT supplier's quality standard
- Failure investigation : Pitting Corrosion in Hot water carrying stainless steel pipeline



Certificate of Registration

This is to certify that

VICHAR TECHNOLOGY

Located at: M14, Peenya, 8th Cross, Peenya Industrial Area, 1st Stage,
Bangalore - 560 058, Karnataka, India.

*Operates a quality management system which has been assessed
as conforming to*

ISO 9001:2015

for the scope of activities:

**Provision of Technical Consultancy,
Testing & Analysis for Metal & Non -Metal Products.**

Permissible Exclusions: 8.3 -Design & Development

Certificate No: **TIC /15454** Issue Date: **02-04-2020**

Valid Till **01-04-2023** subject to Satisfactory Annual Surveillance Audit Execution within
Due date on or before 365 days from date of certificate issued, Successful Endorsement of
certification following each audit and compliance with TÜV Intercert Saar India Pvt Ltd -
Group of TÜV Saarland Regulation.

(This certificate is valid only if its Certificate number : TIC/15454 reflects on
the TÜV INTERCERT website www.tuvintercert.in
Increase Surveillance Audit is not Conducted in due period /if standard requirements are
not met, Certificate shall be suspended/Cancelled.

(Original issue date of certificate: **02-04-2020**)

Head of Certification



CONTACT US :

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Bangalore 560058

Landmark: Near TVS Cross, Peenya

Website: <https://vichartechnology.com>

