

NABL ACCREDITED LABORATORY

# ADVANCE METAL TESTING LABORATORY

CHEMICAL, MECHANICAL & METALLURGICAL TESTING SERVICES



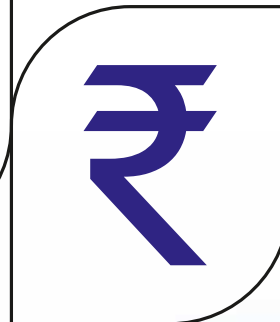
Trust Worthy



Reliability



Timely Service



Reasonable



Customer Satisfaction

Let's Work for Excellency



# COMPANY PROFILE

**Advance Metal Testing Laboratory** is known & fast growing metal testing Service provider in the western region of india located in Vadodara, Gujarat.

**Advance Metal Testing Laboratory** is providing chemical, mechanical & metallurgical testing in western region, with team of professionals with proven enrich experience in the field of testing & practical Experience in various Engineering field like production, project, Quality & testing, Management & technical consultancy & third party inspection services.

**Advance Metal Testing Laboratory** is established in Sep-2005 & since May-2007 onward is "NABL Accredited In Chemical & Mechanical Field"

Our Laboratory has Sixth Reaccreditation by NABL within Span of 12 Years (National Accreditation Board for Testing & Calibration laboratory, Department of Science & Technology, Government Of India) as per ISO / IEC 17025:2017 in Chemical & Mechanical Field.

Within span of 14 years we serve more than 2000 customers within Gujarat & Others State Of India as acceptance of our Competency & reliability.

Our customer includes like Government Organization, Public Sector, MNC, Exporter & Various Industries of Different filed like IOCL, ONGC, BSNL, GETCO, Ministry of Defence, VMSS, Sail, RDSO, PGCIL, GAIL , PMC Projects (India) Ltd, Adani Group, Suzlon Energy Ltd, Abb Ltd, Schneider Electric India Pvt. Ltd., L & T, SIEMENS, etc... Major third party visiting for witness of various Test.

Our Policy /Motto / Commitment are to provide timely, trust worthy test result to our customer in competitive & ethical manner.

**- PANKAJ PARMAR**



## Why Us?

There are countless reasons for which we are preferred by large number of customers across the country. Some Of them are as follows :

- Handled By Professional Having enrich experience
- Quality Control / Various Testing handled by team of professionals
- Adherence to ISO standard i.e. NABL ISO / IEC:17025:2005
- Trust worthy, Reliable & Timely handled by Team of Professionals
- Reasonable Service Cahrge
- Optimum customer satisfaction
- Transparent Business Operations
- Efficient and Qualitative Range Of Services
- Equipped with requisite testing facilities

### AIM

Pursue excellence through trust worthy, reliable, timely Test result to cater customers need.

### MISSION

Provide cordial services to our customers and maintain market leadership.

### VISION

We are a known brand in the field of research & development and quality testing both in domestic & international market.

# Various Metal / Metallurgical Testing Facilities / Services

## SPECTROCHEMICAL ANALYSIS OF METALS



We have Installed German Make Spectrometer which is capable to analyze any

- **FERROUS**
- **NON FERROUS METAL**

i.e. Ferrous alloys, Copper alloys, Nickel alloys, Aluminum alloys, **with Nitrogen Chemical Analysis by XRF Method (PMI)**

## METALLURGICAL TESTING



We Offer Various Metallurgical Testing like

- Microstructure
- Grain size
- Linear Measurement
- Including Rating
- Nodularity Measurement
- Macro test for Weld
- Quantitative Analysis
- Ferrotic Test
- Case Depth
- **IGC Test – All Practice**

## CORROSION TEST / ZINC COATING TEST



We offer testing Like.

- Salt Spray test
- Mass of Zinc Coating
- Uniformity of Coating
- Adhesion of Coating.

## PHYSICAL / MECHANICAL TESTING



We offer the Mechanical / Physical Testing like

- Tensile Test / Compression test
  - Tensile Test with Electronic Extensometer 0.2%, 0.5, 1.0% Proof Stress
  - Tensile Test for TMT / Tor Steel Bar
  - Mockup / Pullout Test / Load Test
  - Nick Break Test
  - Fracture Test
  - **Impact Test** : Charpy at room Temperature/at Minus Temp
  - Hardness test
  - Bend test, Root / Face / Side Bend /Rebend Test
  - Flattening / Flaring Test
  - Permanent Set Test
  - Permanent Load Test
  - Twist test of Washer
  - Macro Test of Butt Weld / Fillet Weld / Tube
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- **FRP TEST** : Tensile / Compressive / Crushing / Flexural Test / Shear Test / Cantilever Test
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- **REFRACTORY** : Cold Crushing Strength / Bulk Density of refractory
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- Compression Test of Spring
  - Unit Weight Measurement
  - Dimension Measurement etc.

## PMI SERVICE / SITE SERVICES



- PMI Testing
- UT – Ultra Sonic Testing
- MPI – Magnetic Partical Testing
- DP – Die Penetrant Test
- UT Thickness Measurement Test
- Hardness by Portable Hardness Tester

## LIST OF VISITING / TESTING CARRID OUT FOR GOVT / CORPORATE / MNC / WITNESS OF TEST BY THIRD PARTY INSPECTION AGENCIES ETC.

- Bharat Sanchar Nigam Ltd (BSNL)
- Gujarat Industries Power Co. Ltd.
- Power Grid Corporation Ltd (PGCIL)
- Steel Authority Of India Limited (SAIL)
- Indian Oil Corporation (IOCL)
- Gujarat Electricity Board (GETCO)
- Gas Authority of India Limited (GAIL)
- Oil & Natural Gas Corporation (ONGC)
- Railway
- BHEL
- NTPC Limited

- Larsen & Toubro Ltd
- Schneider Electric India Pvt Ltd
- Bombardier Transportation India Ltd
- Pegassus Engg. & Commercial
- ABB Ltd.
- TATA Project Ltd.
- Alstom Project Ltd.
- SIEMENS Ltd
- Suzlon Energy Ltd.
- PMS Project Ltd.
- Adani Pvt. Ltd.
- Asia Motor works Ltd.
- Pioneer Wincon Pvt Ltd.
- Angelique International Ltd.
- RRB Energy Ltd.
- Leitner Shriram mfg. Ltd.
- Elsayby
- VMSS

- Bureau Veritas (I) Pvt Ltd. (BVIL)
- TUV Nord
- TUV SUD
- TUV Rhineland
- Lloyd's Register Asia (LRA)
- Quality Assurance establishment
- SGS
- IRS
- Electromech Engineering Enterprises
- Chempro Inspection Pvt Ltd.
- Bax Counsel Inspection Pvt Ltd.
- Certification Engineering International
- Velosi Certification Srvices
- Germanisher Lloyd
- Det Norsk Vertas
- Bavita Consultancy
- Uhde India Ltd.
- RDSO
- Aavishkar Group
- Technip KT India Ltd.
- Chemtex India
- Tractebel Engineers And Constructors Pvt Ltd
- VA tech wabag Ltd.
- V. Design
- VETAS
- Scott Wilson

### Foreign Third Party – Test Witness from

- Algeria
- Egypt
- Nigeria



## Advance Metal Testing Laboratory

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**NABL (Government of India) Accredited Laboratory**

in Chemical & Mechanical Field as per ISO : 17025:2017

