



AADHYA ENGINEERING



NABL Accredited Testing Laboratory
vide Certificate No.TC-9012

Aadhya Engineering Services I Company Profile

Contact Details : 346/B/2 GIDC, Makarpura, Beside Lalji mulji transport
, GIDC makarpura , Vadodara-10 (Works)

Office Address : D-34 Madhav nagar so., sahanand marg, Mujmahuda , vadodara-3090010

Mobile no. : +91 -8000296579 Email : testing.aes2019@gmail.com

Index

- About Us
- Quality assurance
 - Testing equipment for quality assurance
- Testing Division
 - Destructive Testing
 - Non Destructive Testing
- Machine Shop & Heat treatment shop
- Industries We served
- Customers
- Contact Us

About Us

- Aadhya Engineering services is established in the year of 2017 , located at GIDC Makarpura, Vadodara,Gujarat,India
- Company created facilities under one roof for
 - Material Testing (Destructive & Non-Destructive)
 - Machining of Test piece
- Our laboratory offers a wide range of industrial material testing. We can confirm the quality of materials by inspecting them according to the standards
- The Services provided by us meet the highest quality standards and been guided by policy which compasses the vision to be the best in our value system and business ethics.
- In short span of years Services has been accepted by Domestic markets.
- Aadhya Engineering services nurtured development, production and marketing functions to ensure desired qualities, reliability, reasonable prices and timely delivery create values for customer business.

- **Constitution** : **Proprietorship Firm**
- **Year of establishment** : **2014**
- **Mailing Address** : **346/B/2 GIDC, Makarpura , Beside lalji mulji transport, GIDC Makarpura, Vadodara**
- **Contact no.** : **+91 – 9537530900 (Mr. Rakesh vasava), +91-75671588121(Mr.Tejas Patel)**
- **Email** : **testing.aes2019@gmail.com**
- **Plot area** : **3500 Sq. ft.**
- **GST No** : **24BJUPP1868D1ZU**
- **IEC No** : **3416502159**

Quality Assurance

- We at “AADHYA ENGINEERING SERVICES” Believes in working in partnership with customers and suppliers to ensure their needs are fully understood so that right quality service is provided.
- We all from our organization takes maximum efforts towards implementation of proper technology to reduce cost of inspection , inventory, rejection and delays.
- It will be always our aim to improve processes for all the activities in organization by putting continuous efforts in “Research & Development”.
- We are equipped with updated technology to control testing of material as well dimensional accuracy of test pieces.

Testing Division

Aadhya engineering Services in engaged in performing following test to be carried out for material analysis

Destructive Testing

- Chemical Analysis
- Metallography Analysis
- Mechanical Testing
- Corrosion testing

Non destructive testing(On Site Services)

- Chemical Analysis
- In situ Metallography
- VT/UT/MPT/LPT
- Portable Hardness Testing & Portable Thickness Testing
- Ferrite Content By Ferrito Scope.

Chemical Analysis

We have following apparatus to carry out chemical analysis

1. Optical Emission spectrometer
 - GNR make (Italy) with 6 base elements (Fe , Al , Cu , Ni , Sn , Pb)
2. Hand held XRF (PMI machine)
 - Oxford make (Capacity to test Ti to U elements)
3. Hand held XRF (PMI machine)
 - Hitachi make (Capacity to test Ti to U elements)
4. Wet chemical analysis
 - Strohlein Apparatus (For Carbon Sulphur analysis)
 - Other setup to test required elements from alloy

Apart from that we have tied up with one of the nearby laboratory for SEM/EDS analysis for further evolution of chemical analysis for unknown samples.

Metallography Analysis

We have following apparatus to carry out metallography analysis

1. Inverted metallurgical microscope with image analyzing software
 - Phase Analysis, Grain size measurement, Inclusion Rate, Macro/Micro Examination. Also offers micro examination for corrosion Evaluation
2. Stereo zoom microscope for low magnification studies
3. We have also developed **In-situ metallography analysis** for on site microstructure analysis which help in RLA studies.

Apart from that we have tied up with one of the laboratory for SEM/EDS analysis for further evolution of microstructure and fractography analysis with chemical analysis for unknown samples

Mechanical Testing

We have following apparatus to carry out Mechanical Testing

1. Universal testing machine (0-1000 KN capacity)
2. Semi Automatic impact testing machine (0-300 Joule capacity)
3. Hardness Tester
 1. Brinell & Vickers Hardness tester
 2. Rockwell Hardness tester
 3. Portable hardness tester for on site testing

Corrosion Testing

- **Corrosion Testing** determines the resistance of materials to corrosion under certain environmental conditions.
- AES Offers testing of Susceptibility to Intergranular Attack in Austenitic Stainless Steels As per ASTM A262.
- As Per ASTM A 262 Specification Method A,B,E,F in-house sample Machining & Sensitization Facility for reliability and fast turnaround.

Non Destructive Testing

We Provide following services for Non-Destructive testing

1. Chemical analysis

1. Portable Optical emission spectrometer
2. Handheld XRF

2. Metallography analysis

1. In situ Metallography

3. Thickness measurement

1. Ultrasonic thickness measurement

4. Hardness Measurement

1. Portable Hardness Tester

5. Flaw detection

1. Ultrasonic testing
2. Magnetic particle testing
3. Liquid Penetrant testing
4. Visual Inspection

6. Ferrite Content Check By Ferrito Scope.

Machine Shop Division

- We have our own in-house basic machine shop facilities where
 - Lathe Machines (Qty. : 5 nos. with varying size)
 - Drill machine (Qty.: 1 no.)
 - Bench grinder (Qty.: 1 no.)
 - Milling machine (Qty. : 1 no.)
 - Heat treatment Furnace (Qty.: 1no)

As well We have tie-ups with nearby precision machining shop to deliver high end products. Which are equipped with CNCs, VMCs and Grinding machines.

Industries We served

- Pipe & Pipe Fitting Industries
- Forging Industries
- Casting Industries
- Oil Refineries
- Chemical & Pharma industries
- Engineering Manufacturing Industries
- Scrap trading Industries

Our customer

Few Of our reputed Indian Customers

- United Phosphorus Limited
- L&T-Ranoli
- L&T Knowledge City
- Rotex Automation.
- Philips Carbon Black Ltd.
- Gujarat Infra pipes Pvt. Ltd.
- Cosmos Engitech Pvt. Ltd.
- Aarti Industries(Sub Contract)
- Indian Oil Corporation (Sub Contract)
- Cairn India Ltd. (Sub Contract)
- Sun Pharma Ltd.(Sub Contract)
- L&T-Hazira (Sub Contract)

Contact Us

Aadhya Engineering Services

Key Person : Mr. Rakesh Vasava / Mr Tejas Patel

Works: 346/B/2 GIDC, Makarpura, Beside Lalji mulji transport
, GIDC makarpura , Vadodara-10

Phone : +91 9537530900 , 7567158821

Email: testing.aes2019@gmail.com