



An NABL Accredited Testing Lab

Elmech Labs Pvt. Ltd.

Proficiency in Accuracy

Contact Person

Amit Kumar Singh

Technical Manager

Mob No. 08896767002



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DIRECTOR'S MESSAGE:

We are pleased to inform you that now you may get better testing services with high range of accuracy at very effective price.

“Elmech Labs Pvt. Ltd.” is an NABL accredited testing laboratory situated in A-37, Secor-63, Noida.

ELMECH LABS PVT LTD was established in 22nd Dec, 2015.

The mission of ELMECH LABS PVT LTD is to provide the highest level of Metal testing services as per the client's requirements in accordance with the governing standards of the industry and ISO/IEC 17025. It is our commitment to maintain professional laboratory practice and provide testing services in a timely and cost-effective manner to build long-term relations with our clients.

Our 2nd NABL Audit has been conducted in October-2021 and we are lucky to enhance our testing scope as per our client's requirements.

We are very much thankful to our customers for supporting us constantly.

Thank you so much.

Umesh Kumar
Director

COMPANY DETAILS

CIN Number

Our CIN Number is U74900DL2015PTC288823.

PAN Number

Our PAN Number is AAECE1460B.

GST Number

Our GST Number is 09AAECE1460B1Z4.

Udyog Aadhaar Number

Our Udyog Aadhaar Number is UP28E0006964.

Certificate of Accreditation ISO/IEC 17025

Our Certificate Number is TC-7980.

Certificate of Accreditation ISO 9001-2015

Our Certificate Number is EI-2007030

OUR TEAM

- Mr. Umesh Kumar –Managing Director
- Mrs. Renu Kumari – CEO
- Mr. Amit Kumar Singh – Quality & Technical Manager
- Mr. Vishnu Pratap Singh – Mechanical Engineer
- Mr. Ashok Kumar –Lab In charge
- Mr. Pramod Chauhan – Accounts and admin

WHY WORK WITH US

Accreditation: Our Laboratory is accredited by NABL for Mechanical and Chemical testing. NABL certificate is attached in this profile. We are also certified by ISO 9001.

Machinery: Elmech Labs possess the latest version of equipment which is automatic, accurate, precise and less time consuming.

Accuracy: Elmech Labs is committed to provide the results with highest level of accuracy with the help of advanced machines and highly skilled manpower.

Repeatability: The repeatability of our equipment is very good. We always maintain it with the help of CRMs, Test blocks and regular calibration of equipment.

On Time Delivery: We always try to complete a work in minimum possible time. We understand the value of time of our clients.

Confidentiality: We are committed to maintaining confidentiality in our lab. We try our best to avoid any type of data leak and manipulation in the job.

Efficient Team: Elmech Labs has an efficient team of people who perform their job efficiently. They are highly educated and trained for their jobs.

Cost effective: Testing charges of our Lab is very affordable with compare to other labs for the same type of Testing.

Pickup and Delivery: We provide facilities to pick up the samples and delivery of reports.

QUALITY POLICY

“THE MANAGEMENT OF ELMECH LABS PRIVATE LIMITED IS COMMITTED TO IMPARTIALITY, CONFIDENTIALITY AND CONSISTENCY ALONG WITH TECHNICAL COMPETENCE IN THE OPERATION OF THE LABORATORY.

ELMECH LABS IS COMMITTED TO PROVIDE TESTING SERVICES TO CONSISTENTLY MEET THE REQUIREMENTS OF NATIONAL / INTERNATIONAL STANDARDS, CONTINUALLY IMPROVE THE EFFECTIVENESS OF THE MANAGEMENT SYSTEM, CUSTOMERS REQUIREMENTS AND THE MANAGEMENT SYSTEM REQUIREMENTS COMPLYING WITH IS/ISO/IEC 17025 : 2017 STANDARD.

ALL PERSONNEL CONCERNED WITH TESTING ACTIVITIES OF THE LABORATORY WOULD FAMILIARIZE THEMSELVES WITH THE DOCUMENTATION AND IMPLEMENT THE POLICIES AND PROCEDURES IN THEIR WORK.

LABORATORY IS COMMITTED TO TOTAL CUSTOMER SATISFACTION THROUGH RELIABLE, ACCURATE, PROMPT & TIMELY SERVICES IN THE FIELD OF TESTING.”

- We are An NABL Accredited Material Testing Lab:



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

ELMECH LABS PVT. LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

SUITE NO. B05, A-37, SECTOR-63, GAUTAM BUDDHA NAGAR, NOIDA, UTTAR PRADESH, INDIA

in the field of

TESTING

Certificate Number: TC-7980

Issue Date: 10/10/2021

Valid Until: 09/10/2023

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : Elmech Labs Pvt. Ltd.

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

- We are also accredited by ISO 9001-2015:

CERTIFICATE OF REGISTRATION

CERTIFICATE

This is to certify that the

QUALITY MANAGEMENT SYSTEM

of

ELMECH LABS PRIVATE LIMITED


Suite No. B05, A-37, Sector - 63, Noida, Uttar Pradesh, India

has been assessed and found to be in conformance to the requirements
of the Quality Management Standard

ISO 9001:2015

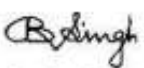
The Management System Includes:

Chemical Testing of Various Types of Steel;
Mechanical Testing of Ferrous & Non Ferrous Material



Certificate No.: EI-2007030



Date of initial registration	10-08-2020
Date of this certificate	10-08-2020
Certificate Expiry	09-08-2021
Recertification Due	09-08-2023


Auth Sign

Registration is subject to the system being continually maintained to the above standard under regular surveillance.
To check the certificate validity please visit our website - www.ispcert.in or contact at: innovate.ispl@gmail.com

INNOVATIVE SYSTEMCERT PVT. LTD.

Accredited by EGAC, A Member of International Accreditation Forum
UGF-37, Ansal Plaza-I, Chiranjeev Vihar,
Ghaziabad-201002, U.P., INDIA
Web: www.ispcert.in, Email: innovate.ispl@gmail.com
Ph. +91 9811010509

LIST OF TESTING IN OUR LAB

Sr. No.	Name of Testing	Test Method
1	Tensile Test : UTS/ YS/ 0.2 % Proof Stress / Elongation (%) / RA (%)	IS:1608 / ISO : 6892 / ASME Sec-IIIC / ASTM A- 370 / ASTM E- 8
2	Mass Per Meter	IS : 1786
3	Tensile Test of Weld Coupon	ASME Sec-IX / ISO: 15614/ ASTM A- 370
4	Root / Face / Side Bend Test	EN : 910/ ASME Sec-IX / ISO: 15614
5	Fracture Test	ISO : 15614 / ASME Sec-IX
6	Mockup Test	ASME SEC-IX
7	Macro Examination	ISO 15614 / ASME Sec-IX/ ASTM E-381 / ASTM E-340
8	WPS/PQR/WPQ	ASME Sec- IX
9	Proof Load Test of Nut, Bolt, Fasteners	IS : 1367 Part-3 & Part-6/ ISO : 898
10	Bend Test	IS: 1599 / ISO : 7438
11	Re bend Test	IS : 1786
12	Charpy Impact Test	IS : 1757/ ASTM A-370/ ASTM E23
13	Izod Impact Test	IS : 1598
14	Drift Expansion Test/ Flaring Test of Pipe	IS : 2335/ ASTM A-370
15	Flattening Test of Pipe	IS : 2328 / ASTM A-370
16	Rockwell Hardness (HRA / HRB / HRC)	IS: 1586 / ASTM A-370 / ASTM E-18
17	Brinell Hardness Test (BHN)	IS: 1500 / ASTM A-370 / ASTM E-10
18	Micro Vickers Hardness (HV)	IS: 1501 / ASTM A-370 / ASTM E- 92
19	Microstructure Test (Ferrous Metal)	ASM Vol- 9 / IS: 7754
20	Grain Size	IS: 4748/ ASTM E-112
21	Inclusion Rating	IS: 4163/ ASTM E- 45
22	Case Depth	IS: 6416
23	Depth of De- carburization	IS: 6396
24	Plating Thickness	ASTM B - 487
25	IGC Test (Pr "A"/ "B" / "C" / "E")	ASTM A- 262
26	IGC Test (Method "A" / "B")	ASTM G- 28
27	Pitting Crevice Test (Method "A" / "B")	ASTM G- 48
28	Mass of zinc coating	IS : 6745
29	Adhesion Test	IS : 2629
30	Uniformity Test	IS : 2633
31	Mass of Phosphate Coating	IS: 3618
32	Dimension Check	ELPL/SOP-01/WI-19
33	Spectro Analysis for Low Alloy Steel	ASTM E415
34	Spectro Analysis for Stainless Steel	ASTM E1086
35	Spectro Analysis for Cast Iron	ASTM E1999
36	Spectro Analysis for Tool Steel	JIS G1253

Note: We also provide other testing services with the help of our collaborative labs.

LIST OF EQUIPMENT

S.N.	Name of Equipment	UID No	Make	Range
1	Universal Testing Machine -100kN	ELPL/UTM/01	Enkay Enterprise	Up to 100KN
2	Universal Testing Machine -2000kN	ELPL/UTM/02	Enkay Enterprise	Up to 2000KN
3	Rockwell Hardness Tester	ELPL/RHT/01	Enkay Enterprise	Up to 100
4	Micro Vickers Hardness Tester	ELPL/MVH/01	Shimadzu	Up to 2Kg Load
5	Bending machine	ELPL/BBM/01	Enkay Enterprise	Mandrel 10 mm to 180 mm
6	Optical Emission Spectrometer	ELPL/OES/01	Shimadzu	Ferrous Base
7	Charpy Impact tester – ASTM	ELPL/CIT/01	Enkay Enterprise	300 Joule
8	Charpy-Izod Impact tester –IS/ISO	ELPL/CIT/02	Phinitek Engineers	300 Joule 168 Joule
9	Inverted Metallurgical Microscope	ELPL/IMS/01	JB Instruments	Up to 1000X

UNIVERSAL TESTING MACHINE

Make: Enkay Enterprises

Model: UT10

Capacity: up to 100kN



UNIVERSAL TESTING MACHINE

Make: Enkay Enterprises
Model: EK-EC-SVR
Capacity: up to 2000kN



ROCKWELL HARDNESS TESTER

Make: Enkay Enterprises

Model: SMT 3C/B

Test: HRA/HRB/HRC



MICROVICKER HARDNESS TESTER

Make: Shimadzu
Model: HMV-G21ST



OPTICAL EMISSION SPECTROMETER

Make: Shimadzu

Model: PDA-5000

Range: Fe base



BEND MACHINE

Make: Enkay Enterprises

Model: GW 50

Range: Mandrel up to 128 mm



CHARPY IMPACT TESTING MACHINE (ASTM)

Make: Enkay Enterprises
Range: up to 300J



CHARPY-IZOD IMPACT TESTING MACHINE

Make: Phinitek engineers

Range: up to 300J / 168J

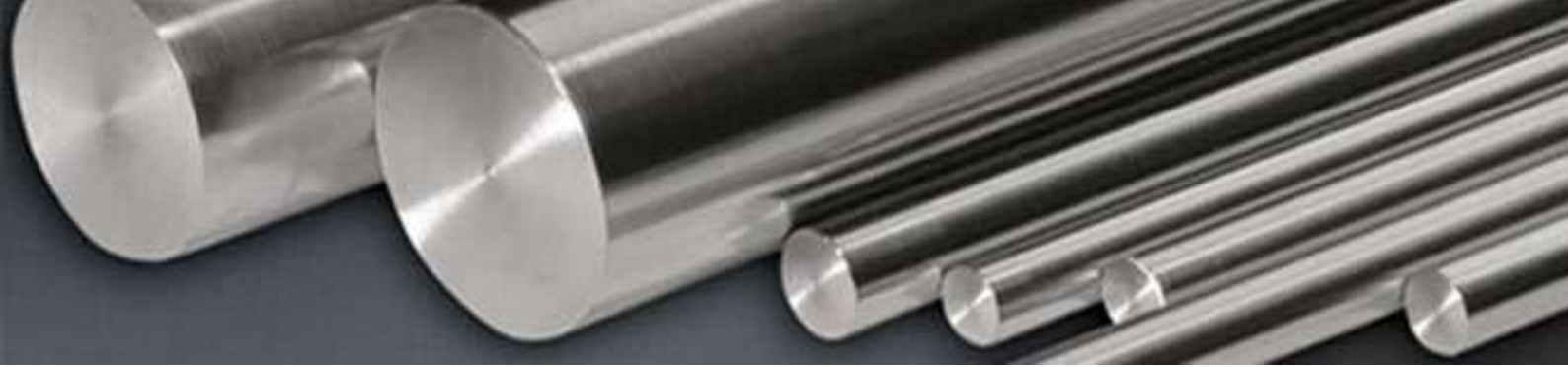


METALLURGICAL MICROSCOPE

Make: JB Instruments

Range-10X to 1000X





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