



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

CHW FORGE TESTING LABORATORY

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

ACHHEJA, P.O. DUJANA, GT ROAD, PHASE II, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR
PRADESH, INDIA

in the field of

TESTING

Certificate Number: TC-6354

Issue Date: 24/09/2025

Valid Until: 23/09/2029

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 Entity: CHW FORGE PRIVATE LIMITED

Signed for and on behalf of NABL



Anita Rani
Director

Chakravarthy T. Kannan
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

CHW FORGE TESTING LABORATORY, ACHHEJA, P.O. DUJANA, GT ROAD,
PHASE II, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH,
INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6354

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Validity 24/09/2025 to 23/09/2029

Last Amended on 14/10/2025

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous	Bend Test (Mandrel Dia: 6 mm, 12 mm, 19 mm, 30 mm, 35 mm) (UP TO 200 KN Force)	ASTM E290
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (10/1000)	ASTM E10
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (10/1000)	ISO 6506-1
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (10/1500)	ASTM E10
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (10/1500)	ISO 6506-1
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (10/3000)	ASTM E10
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (10/3000)	ISO 6506-1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (10/500)	ASTM E10
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (10/500)	ISO 6506-1
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	0.2% Proof Strength	ASTM E8
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	0.2% Proof Strength	ISO 6892-1
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	Charpy Impact Test (At room temperature to minus 101° Centigrade)	ISO 148-1
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	Charpy Impact Test (at room temperature to minus 101° Centigrade)	ASTM E 23
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	Elongation	ASTM E8



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15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	Elongation	ISO 6892-1
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	Reduction in Area	ASTM E8
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	Reduction in Area	ISO 6892-1
18	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	Ultimate Tensile Strength	ASTM E8
19	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metallic Materials	Ultimate Tensile Strength	ISO 6892-1
20	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metallic Materials	0.2% Proof Strength	ASTM E8
21	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metallic Materials	Elongation	ASTM E8
22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metallic Materials	Ultimate Tensile Strength	ASTM E8
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	% Elongation	ASTM A370
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	0.2% Proof Strength	ASTM A370
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness Test (10/1500)	ASTM A370
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness Test (10/3000)	ASTM A370
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness Test (10/500)	ASTM A370
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Charpy Impact Test (At room temperature to minus 101° Centigrade)	ASTM A370



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29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Reduction in Area	ASTM A370
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Ultimate Tensile Strength	ASTM A370
31	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Inter Granular Corrosion Test (Huey Test)	ISO 3651-1
32	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Inter Granular Corrosion Test (Practice A)	ASTM A262
33	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Inter Granular Corrosion Test (Practice B)	ASTM A262
34	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Inter Granular Corrosion Test (Practice C)	ASTM A262
35	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Inter Granular Corrosion Test (Practice E)	ASTM A262
36	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Inter Granular Corrosion Test, (Strauss Test)	ISO 3651-2
37	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detecting Detrimental Intermetallic Phase (Method A)	ASTM A923
38	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detecting Detrimental Intermetallic Phase (Method B)	ASTM A923
39	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detecting Detrimental Intermetallic Phase (Method C)	ASTM A923
40	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Pitting Corrosion Test (Method A)	ASTM G48
41	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Estimation of Average Grain Size (by Comparison Method) (1 to 10 ASTM)	ASTM E112
42	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Macro Structure Analysis	ASTM E340
43	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Structure Analysis	ASM Vol. handbook 9.
44	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Volume Fraction (by Point Count)	ASTM E562
45	MECHANICAL-METALLOGRAPHY TEST	Steel Products	Estimation of Grain Size (by Comparison Method) (1 to 10 ASTM)	ISO 643
46	MECHANICAL-METALLOGRAPHY TEST	Wrought Steel Products	Determination of Inclusion Rating (Method A - Worst Field)	ASTM E45
47	MECHANICAL-METALLOGRAPHY TEST	Wrought Steel Products	Macro Structure Analysis	ASTM E381

This is annexure to 'Certificate of Accreditation' and does not require any signature.