



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: 24/09/2023

Valid Until:

23/09/2025

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



N. Venkateswaran
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	Page No	1 of 3
Validity	24/09/2023 to 23/09/2025	Last Amended on	30/11/2023

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 Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BEND TEST	ASTM E290
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS METALS	BRINELL HARDNESS TEST	ASTM E10
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	0.2% PROOF STRENGTH	ASTM E8
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	0.2% PROOF STRENGTH	ASTM E8
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	0.2% PROOF STRENGTH	ISO 6892-1
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	CHARPY IMPACT TEST (AT ROOM TEMPERATURE TO MINUS 101°CENDEGRADE)	ASTM E 23
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	CHARPY IMPACT TEST (AT ROOM TEMPERATURE TO MINUS 101°CENDEGRADE)	ISO 148-1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ASTM E8
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ISO 6892-1
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION OF AREA	ASTM E8
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION OF AREA	ISO 6892-1
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ULTIMATE TENSILE STRENGTH	ASTM E8
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ULTIMATE TENSILE STRENGTH	ISO 6892-1



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14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL PRODUCTS	0.2% PROOF STRENGTH	ASTM A370
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL PRODUCTS	BRINELL HARDNESS TEST	ASTM A370
16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL PRODUCTS	CHARPY IMPACT TEST (AT ROOM TEMPERATURE TO MINUS 101°CENDEGRADE)	ASTM A370
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL PRODUCTS	ELONGATION	ASTM A370
18	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL PRODUCTS	REDUCTION OF AREA	ASTM A370
19	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL PRODUCTS	ULTIMATE TENSILE STRENGTH	ASTM A370
20	MECHANICAL- METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEEL	INTER GRANULAR CORROSION TEST PRACTICE A	ASTM A262
21	MECHANICAL- METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEEL	INTER GRANULAR CORROSION TEST PRACTICE B	ASTM A262
22	MECHANICAL- METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEEL	INTER GRANULAR CORROSION TEST PRACTICE C	ASTM A262
23	MECHANICAL- METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEEL	INTER GRANULAR CORROSION TEST PRACTICE E	ASTM A262
24	MECHANICAL- METALLOGRAPHY TEST	DUPLEX STAINLESS STEEL	DETECTING DETRIMENTAL INTERMETALLIC PHASE, METHOD A	ASTM A923
25	MECHANICAL- METALLOGRAPHY TEST	DUPLEX STAINLESS STEEL	DETECTING DETRIMENTAL INTERMETALLIC PHASE, METHOD B	ASTM A923
26	MECHANICAL- METALLOGRAPHY TEST	DUPLEX STAINLESS STEEL	DETECTING DETRIMENTAL INTERMETALLIC PHASE, METHOD C	ASTM A923
27	MECHANICAL- METALLOGRAPHY TEST	DUPLEX STAINLESS STEEL	PITTING CORROSION TEST, METHOD A	ASTM G48
28	MECHANICAL- METALLOGRAPHY TEST	METALLIC MATERIALS	ESTIMATION OF AVERAGE GRAIN SIZE BY COMPARISON METHOD	ASTM E112



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29	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICROSTRUCTURE ANALYSIS	ASM Vol. handbook 9.
30	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	VOLUME FRACTION BY POINT COUNT	ASTM E562
31	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERILS	MACROSTRUCTURE ANALYSIS	ASTM E340
32	MECHANICAL-METALLOGRAPHY TEST	WROUGHT STEEL PRODUCTS	DETERMINATION OF INCLUSION RATING METHOD A (WORST FIELD)	ASTM E45
33	MECHANICAL-METALLOGRAPHY TEST	WROUGHT STEEL PRODUCTS	MACROSTRUSTURE ANALYSIS	ASTM E381