



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**BARATH METALLURGICAL LABORATORY PRIVATE
LIMITED**

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

NO. 538/A, KANNAPPA STREET, CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA

in the field of

TESTING

Certificate Number: TC-16221

Issue Date: 09/06/2025

Valid Until: 25/04/2029

This certificate supersedes the Certificate No. TC-9459 with issue date 26/04/2025 in view of change in legal entity of the laboratory.

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: BARATH METALLURGICAL LABORATORY PRIVATE LIMITED

Signed for and on behalf of NABL




Anuja Anand
Director


N. Venkateswaran
Chief Executive Officer



BARATH METALLURGICAL LABORATORY PVT. LTD.

(Recognised and Approved by : (CENTRAL AND STATE GOVT.BODIES)

MEMORANDUM OF UNDERSTANDING (MoU)

Between

Hevea Rubber Technologies Private Limited

and

Barath Metallurgical Laboratory Private Limited (NABL Accredited)

1. Parties to the MoU

This Memorandum of Understanding ("MoU") is executed on this **23rd day of June, 2026**,

Between

1.1 Hevea Rubber Technologies Private Limited

Registered Office:

21, Development Plot, YMA Road,
Poovanthuruthu P.O.,
Kottayam – 686012, Kerala

Hereinafter referred to as "**Hevea**" or "**Client**",

AND

1.2 Barath Metallurgical Laboratory Private Limited (NABL Accredited)

Registered Office:

No: 538/A, Kannappa Street,
Nazarathpet,
Chennai – 600123

Hereinafter referred to as "**BML**" or "**Laboratory**".

Hevea and BML shall collectively be referred to as the "**Parties**".

2. Purpose of the MoU

The purpose of this MoU is to establish mutual understanding and cooperation between Hevea and BML for carrying out metallurgical testing of various materials used by Hevea, in accordance with relevant national and international standards.



This MoU is also intended to be submitted to RDSO (Research Designs and Standards Organisation) for their review, acceptance, and furtherance as part of Hevea's compliance and approval requirements.

3. Scope of Testing Services

BML agrees to carry out the following testing services for Hevea:

3.1 Mild Steel – Physical & Chemical Tests

- **Physical Tests:**
 - Ultimate Tensile Strength (UTS)
 - Yield Stress
 - Elongation %
 - Bend Test
 - Impact Test at 0°C or –20°C for sub-zero classification
- **Chemical Tests for:**
 - Carbon (C)
 - Manganese (Mn)
 - Silicon (Si)
 - Phosphorus (P)
 - Sulphur (S)
 - Carbon Equivalent (CE)

3.2 Stainless Steel – Physical & Chemical Tests

- **Physical Tests:**
 - UTS
 - Yield Stress
 - Elongation %
 - Hardness
- **Chemical Tests for:**
 - C, Mn, Ni, Cr, P, S, Si, Mo and other essential alloying elements



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3.3 Brass Sealing Rings – Physical & Chemical Properties

Testing includes verification of compliance with applicable brass material specifications through:

- Hardness
- Tensile Properties
- Chemical Composition
- Any additional tests required by Hevea

3.4 Bolts & Nuts – Physical & Chemical Properties

Testing parameters include:

- Tensile Strength
- Proof Load
- Hardness
- Chemical analysis of alloy elements
- Additional tests as requested by Hevea

3.5 Additional Steel Testing Facilities (RDSO STR Compliance)

In addition to the above, and to fully meet the steel testing-facility requirements stipulated under the applicable RDSO Specification and Schedule of Technical Requirements (STR), BML shall provide the following test facilities:

- **Compressive Strength testing** – determination of compressive load-bearing capacity of steel components.
- **Ultrasonic Testing (UT)** – non-destructive examination for detection of internal flaws, laminations, and discontinuities.
- **Liquid Penetration Testing (LPT / DPT)** – non-destructive examination for detection of surface-breaking defects.

These tests shall be carried out in accordance with the relevant Indian/International standards and NABL-accredited procedures, and the reports issued shall be suitable for submission to RDSO.

4. Duration of the MoU

This MoU shall remain valid for **65 months** from the date of execution, unless terminated earlier by mutual written consent with 30 days' notice.

5. Testing Charges

Testing charges shall be based on **mutually approved and periodically updated rates** as agreed between the Parties.



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6. Responsibilities of the Parties

6.1 Responsibilities of BML

- Conduct testing in accordance with NABL-accredited procedures, ISO/IEC 17025 norms, and relevant Indian/International standards.
- Provide accurate, unbiased, and timely test reports.
- Maintain confidentiality of samples, results, and proprietary information.
- Ensure proper calibration, validation, and maintenance of testing equipment.

6.2 Responsibilities of Hevea

- Provide samples in proper condition with clear test requirements.
- Share all necessary specifications and standards.
- Pay testing charges as per agreed rates.
- Use reports strictly for approved technical and regulatory purposes, including RDSO submission.

7. Confidentiality

All technical information, test data, pricing, and communication exchanged under this MoU shall remain confidential unless required by statutory authorities such as RDSO.

8. No Legal or Financial Obligation

The MoU does not constitute a financial partnership, joint venture, or legal obligation beyond the defined scope of testing services.

9. Dispute Resolution

Any disputes arising out of this MoU shall first be resolved amicably. If unresolved, the matter shall be referred to arbitration under the **Arbitration and Conciliation Act, 1996**, with jurisdiction at **Kerala** courts.

10. Jurisdiction

This MoU shall be governed by and interpreted in accordance with the laws of India. Jurisdiction shall lie exclusively with the courts in **Kerala**.



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11. Amendments

Any modification or amendment must be made in writing and signed by both Parties.

12. Signatures

For Hevea Rubber Technologies Pvt. Ltd.

Name: Kurian Kurien

Designation: Managing Director

Signature: _____

Date: 23/06/2026

For Barath Metallurgical Laboratory Pvt. Ltd.

Name: Asha Abilash

Designation: Quality Manager

Signature: _____

Date: 23/06/2026

