



MEMORANDUM OF UNDERSTANDING
for
Standardization & Conformity Assessment Collaboration
between

BUREAU OF INDIAN STANDARDS
&
ASSAM ENGINEERING COLLEGE



Memorandum of Understanding
for Standardization & Conformity Assessment Collaboration Between
Bureau of Indian standards
and
Assam Engineering College

This Memorandum of Understanding ('MoU') is made on 4th of August 2023 between the **Bureau of Indian Standards**, the National Standards Body of India established under the Bureau of Indian Standards Act, 2016 for the harmonious development of the activities of standardization, conformity assessment and quality assurance of goods, articles, processes, systems and services and for matters connected therewith or incidental thereto, having its Headquarters at 'Manak Bhavan', 9 Bahadur Shah Zafar Marg, New Delhi-110002, hereinafter referred to as the Bureau, or the **FIRST PARTY**,

and

The **Assam Engineering College**, an institute having expertise in the area of scientific and technological education and research, and the application of scientific knowledge and technology to human advancement and social development, established under Government of Assam, enacted by the Legislative Assembly of Government of Assam, having its office at Jalukbari, Guwahati, Assam - 781013 hereinafter referred to as AEC, or the **SECOND PARTY**.

Both the Bureau and AEC hereinafter refer to individually as the 'Party' and collectively as 'Parties'.

1. General

1.1 The Bureau, with this Memorandum of Understanding (MoU) with AEC intends to develop collaborative activities in the field of Standardization and Conformity Assessment on the basis of equality and reciprocity and in accordance with terms and conditions set forth in this memorandum of understanding (MoU). The collaboration will be established within the principles set out in the following sections.

1.2 AEC shall nominate a Nodal Officer, who may be called Education Outreach Coordinator.

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2. Objectives

2.1 The objective of this MoU is to enhance cooperation and mutual support between BIS and AEC in the areas of standardization, quality assurance, and Conformity Assessment on the basis of equality and reciprocity.

2.2 AEC and the Bureau agree to collaborate in the following areas:

- a) participate in Standardization activity through Technical Committees of the Bureau at National & International level.
- b) undertake joint R&D Projects related to standardization and conformity assessment,
- c) develop infrastructure support for R&D Projects of relevance to standardization. The Bureau will provide infrastructure support for R&D Projects of relevance to Standardization. The terms and conditions for infrastructure support and finance to be jointly worked out based on the R&D Projects.
- d) provide IT based technological solutions regarding various activities of the Bureau, including Conformity Assessment processes, as and when required. The detailed guidelines for such projects would be worked out separately as may be mutually agreed to.
- e) jointly organize seminars, conferences, workshops, symposia or lectures on topics of Standardization and Conformity Assessment and to invite each other's faculty to participate therein.
- f) exchange technical information, research findings, and publications related to standards, quality assurance, and engineering disciplines.
- g) AEC to consider introduction of topics on standardization in academics for which the Bureau would provide all inputs required to create teaching modules on the concept of Standardization and Conformity Assessment.
- h) jointly organize training for teachers and students and short-term education programmes on Standardization and Conformity Assessment.
- i) explore the possibility for setting up a Centre of Excellence in the field of Standardization, Testing & Conformity Assessment at AEC

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- j) explore the possibility of hiring of AEC faculty as consultants on secondment basis.
- k) explore the possibility of using laboratory facilities available at AEC for catering to the needs of various Conformity Assessment Schemes of the Bureau.
- l) explore the possibility for joint initiatives to promote industry-academia linkages and foster innovation and entrepreneurship
- m) explore for collaboration on the development of curriculum, course material, and training programs aligned with national and international standards.
- n) any other mutually agreed to area of collaboration.

2.3 Terms and conditions for various collaboration will be worked out under mutual agreement.

3. Intellectual Property Rights:

3.1 Ownership of any intellectual property, including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights, developed solely by AEC shall be vested with that Party.

3.2 Ownership of any intellectual property, including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights, developed solely by the Bureau shall be vested with that Party.

4. Effective Date, Duration, Termination of the MoU:

4.1 This MoU shall be effective from the Effective Date and shall remain in force for a period of five (5) years there from. The parties may extend the term as mutually agreed to, in writing. This MoU may be terminated by either Party by giving a written notice of sixty (60) days to the other Party hereto.

Kalyan K. Dileep

5. Confidentiality

5.1 The Receiving Party shall ensure confidentiality of documents and information received and marked as confidential of the Disclosing Party, within the framework of this MoU. The documentation and information can be shared with a third party only with the written consent of the Disclosing Party.

5.2 The obligation of non-disclosure of such documentation and information shall survive till the validity of this MoU.

6. Warranty

6.1 Any and all deliverables, information, proposed publication, materials, reports, Services, intellectual property, other property or rights ("Results") and Confidential Information, granted or provided by AEC pursuant to this MoU are on an as-is-where-is basis. AEC does not make any warranties of any kind, either express or implied, as to any matter including, but not limited to, warranty of fitness for particular purpose, or merchantability, exclusivity or results obtained from use. AEC or its personnel shall not be liable for any loss or damage including third party damage that may arise out of usage of the Results or/and Confidential Information, by the Bureau under this MoU.

7. Resolution of Disputes

The Bureau and AEC will jointly resolve the dispute in a spirit of independence and shared responsibility. In case, there be a dispute relating to any aspect of the cooperation, AEC and the Bureau will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility. The interpretation and enforceability of this MoU shall be determined according to laws of India.

Kalyan K. Kalita.

8. Amendment

This Memorandum of Understanding may be amended or supplemented at any time by written agreement between the Parties.

9. The MoU becomes effective by the signature of the Parties.

Signed

Kalyan Kalita

Dr. Kalyan Kalita
Principal
Assam Engineering College
Guwahati-781013

Principal In-charge

Assam Engineering College

Seal



Date: 04/08/2023

Witness:

Dr. Plabon Kakoti

Dr. Plabon Kakoti,
Professor
Mechanical Engineering Department
Assam Engineering College
Jalukbari, Guwahati-13

Date: 04/08/2023

Signed

Dibyendu Chakrabarti

Dibyendu Chakrabarti

Scientist F & DDGE

Bureau of Indian Standards

Seal

दिव्येन्दु चक्रवर्ती / DIBYENDU CHAKRABARTI
उप महानिदेशक (पूर्व) / Dy. Director General (Eastern)
भारतीय मानक ब्यूरो / BUREAU OF INDIAN STANDARDS
एन एन आई सी भवन (आठवीं मंजिल), प्लॉट नंबर 717, 718,
ब्लॉक - सीपी, सेक्टर - V, सोल्ट लेक, कोलकाता - 700091
NSIC Building (8th Floor) at Plot No. 717, 718,
Block - CP, Sector - V, Salt Lake, Kolkata - 700091

Date: 04.08.2023

Witness:

Manodip Bag

मनोदीप बाग / MANODIP BAG
सहायक निदेशक (पूर्व) / Assistant Director General (Eastern)
भारतीय मानक ब्यूरो / BUREAU OF INDIAN STANDARDS
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Date: 04.08.2023