

**MEMORANDUM OF UNDERSTANDING
BETWEEN
INDIAN CHEMICAL COUNCIL
AND
BROMINE SCIENCE AND ENVIRONMENTAL FORUM**

The Indian Chemical Council (ICC) and the Bromine Science and Environmental Forum (BSEF) are industry associations representing the leading manufacturers in the Indian Chemical Industry and the Global Bromine Industry respectively

This Memorandum of Understanding (MoU) establishes collaboration between ICC and BSEF with regards to the India Bromine Platform – a sector group facilitated by the ICC as a collaboration platform for the Bromine industry in India.

This MoU shall be in effect from the date of the signatures of the parties and continue through 5 years. The MoU may be modified or amended by written agreement between the parties, and such amendments shall become part of, and shall be attached to, this MoU. This MoU may be terminated by either party for any reason upon 30 days written notice to the other.

Background

Bromine is an essential chemical that finds use in a wide variety of applications ranging from fire safety, mercury emission control, energy storage, rubber, water treatment, pharmaceuticals and agriculture. BSEF – The International Bromine Council, headquartered in Belgium, promotes the benefits of bromine and bromine-based technologies for society and economy as well as commissioning science on bromine and bromine-based solutions.

Indian Chemical Council (ICC), is dedicated to the growth and promotion of the Chemical Industry in India by supporting and promoting the industry through a variety of events, trainings, recognitions and policy advisory and other activities.

BSEF has been engaging with stakeholders in the Indian Bromine industry in various capacities in the recent past. In order to further drive its goal of fostering bromine and its applications in India, an India Bromine Platform (IBP) was conceptualized. The India Bromine Platform (IBP) was formed with bromine producers and suppliers as its members, with the Indian Chemical Council (ICC), India's leading chemical industry body, playing the role of a catalyst (i.e.) the IBP would be a sector group under ICC) to enhance collaboration of various stakeholders in this effort.

Goals

In entering this agreement, ICC and BSEF agree to work towards the following goals:

- Educate and provide non-confidential information to IBP members to support bromine and bromine-based applications and their use in India
- Drive efforts to enhance knowledge about bromine and bromine-based applications among relevant Indian stakeholders
- Address issues relevant to the use of bromine and drive initiatives relevant to India's bromine ecosystem
- Work with government agencies, industry and academia to ensure science-based approaches to regulations and standards impacting the use of bromine or bromine-based technologies

Actions or initiatives taken to meet the above goals will be undertaken with due cognizance and respect for BSEF's anti-trust and competition policy adopted by the BSEF Board in 2017¹ and also ICC's own Anti-Trust rules.

BSEF Commitment

In line with this agreement BSEF will assist ICC (directly or via its empaneled third-party representatives/consultants in India) in furthering the development of the India Bromine Platform, in terms of:

- Organizing the meetings of the IBP
- Developing programs and activities for the IBP
- Sharing and disseminate communications collateral, regulatory updates and other relevant material to the IBP
- Sharing its knowledge of relevant science, regulations, standards and global best practices relevant to the IBP

ICC Commitment

In line with this agreement ICC shall support IBP's work on tasks and activities related to India Bromine Platform, in terms of:

- Support in planning and organizing the meetings of the IBP
- Support IBP initiatives and tasks including the liaison needs of the IBP with government and other relevant official stakeholders utilizing its brand and channels
- Provide IBP an ongoing snapshot of the landscape in India in terms of relevant regulatory developments

¹ <https://bsef.com/wp-content/uploads/2017/10/BSEF-compliance-guidance-Final-2016.pdf>

- Share knowledge and best practices with IBP on ICC's initiatives like Responsible Care and Nicer Globe
- Provide advice to the IBP on aspects of regulations and standards (as requested and aligned with IBP's goals)

This commitment is not intended to create or infer any financial obligation of BSEF to the ICC or vice versa other than to provide necessary support to the activities of the IBP and its administration.

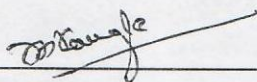
Periodic Review

ICC and BSEF agree to review this MoU annually to determine its effectiveness and value, as well as discuss other ways of achieving improvements through collaborative efforts.

Primary Contacts

Primary contacts for the implementation of this agreement are:

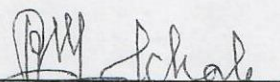
- 1) Dr. Kevin Bradley, Secretary General, BSEF
- 2) R.R. Gokhale, Secretary General, ICC
- 3) Dr. Pranav Tripathi, Sustainability Officer, ICC



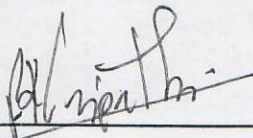
HS Karangale
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Officer: Sustainability, Environment and Regulatory Issues
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Date: _____

Date: 2/10/2019