

BIS-STARTUPS CONNECT: EMPOWERING STARTUPS WITH STANDARDISATION FOR GLOBAL COMPETITIVENESS

With India's emergence as the fourth-largest economy in the world and the third-largest startup ecosystem globally, it is crucial to bring in more industries especially startups under the standardisation umbrella as the 1.57 lakh startups registered with the DPIIT are going to be the core driver of India's economic growth. Through its industrial landscaping initiative, BIS has identified these potential industries and initiated communication and engagement with startups in a structured manner through the **BIS-Startups Connect** dialogues.

During April-May 2025, BIS has connected with over 300 startups in Chennai, Mumbai, and Varanasi, with focussed discussions on improving the global competitiveness of Indian startups through the standardisation of products, systems, and supporting innovations. With most Indian standards harmonised with international standards, help them scale up quickly on a growth trajectory.

The three-pronged communication strategy is designed to:

- Integrate startups into the global quality ecosystem by onboarding them into quality standards and the standard formulation process.
- Support them with conformity assessment infrastructure and capacity-building programs.
- Involve the start-ups in the development of standards in emerging technologies & innovations as domain experts within technical committees.

The first dialogue in the series was held in collaboration with the IIT Madras Research Park where incubators, innovators, and start-ups were briefed on the onboarding process and support mechanisms provided by BIS such as assistance with certification, access to testing facilities, and opportunities to contribute to the creation of standards. The dialogue focused on specific fields such as Electrical & Electronics, Medical & Healthcare, Mechanical, Civil, and Services. The second dialogue at IIT BHU was attended by several innovators and academicians. Participants received an overview of the regional R&D landscape and were informed about the BIS standardisation processes and strategic collaboration opportunities with BIS.



The latest BIS-Startups Connect dialogue was held on May 16 at the Society for Innovation and Entrepreneurship (SINE), IIT Bombay, where 100 start-ups, founders, and industry experts participated. Attendees received guidance on integrating quality standards from the early stages of product development, which can help improve consumer trust and access to global markets.

BIS plans to continue this dialogue with the support of partner institutions in different parts of the country with an aim to strengthen the quality ecosystem, drive economic growth, and enable the next generation of innovators.

BIS GETS 2 NEW ISO SECRETARIATS

BIS has been assigned the prestigious Secretariat of ISO/TC 157 for Non-systemic Contraceptives and STI barrier prophylactics and ISO/TC 98/SC 1 – Bases for Design of Structures: Terminology and Symbols.

BIS now holds the Secretariat for 14 ISO Committees and subcommittees such as ISO/IEC JTC 1/SC 7 (Software and systems engineering), ISO/TC 34/SC 7 (Spices, culinary herbs and condiments), ISO/TC 113 (Hydrometry), ISO/TC 120 (Leather), ISO/TC 146/SC 1 (Stationary source emissions), ISO/TC 249/SC 2 Ayurveda and Yoga and ISO/TC 332 (Security equipment for financial institutions and commercial organizations).

BIS HOLDS 9TH MEETING OF ITS GOVERNING COUNCIL



"I truly appreciate and congratulate BIS on its achievements of developing Quality ecosystem in India. I encourage BIS to take further steps in this direction to facilitate the industry in achieving the '**Make in India, for the World**' vision outlined by Honourable Prime Minister."

- Shri Pralhad Joshi

Union Minister for Consumer Affairs, Food & Public Distribution and New & Renewable Energy



A Brand New Weekly Bulletin on **#STANDARDS** Informing Citizens & Empowering Industries on BIS YouTube Channel @ IndianStandard every Friday.

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New Bulletin, Every Friday

TOP STORIES INSIDE

- Standard in Focus: Common Yoga Protocol-Yoga Practices (IS 19114:2025)
- Centre of Excellence in Laboratory Services
- IEC General Meeting 2025, New Delhi

NOTIFIED QUALITY STANDARDS

BIS is rapidly expanding, refining and upgrading its collection of Quality Standards. In May 2025 (1-26 May) 62 New Standards and 83 Revised standards have been published. During this period 16 Standards have been amended and 162 standards have been withdrawn. Some of the newly Published Standards are listed below :

Space Systems – Experience gained in Space Projects – Principles and Guidelines (IS 19220:2025), Space Environment (Natural and Artificial) – Earth's Atmosphere from Ground level upward (IS 19249:2025), Assessment of Survivability of Unmanned Spacecraft Against Space Debris and Meteoroid Impacts to Ensure Successful Post Mission Disposal (IS 19292:2025), Early Operations Part 1 Spacecraft Initialisation and Commissioning IS 19279 (Part 1):2025

Healthcare & Medical Systems – Vaccine Carriers – General requirement for Test Methods (IS 19099:2025), Lung Ventilators and Related Equipment – Vocabulary and Semantics (IS 19187:2025), Measurement of Antiviral Activity on Plastics and other Non-porous Surfaces (IS 19167 : 2025)

Services – Service Excellence – Principles and Model for Public Service organizations (IS 19237:2025), Network Services Billing — Requirements (IS 19277 : 2025)

Electrical & Electronics – Electric Agricultural Tractors– Test code (IS 19262 : 2025)

Textile - Nylon Tape for Aircraft Arrestor Barrier — Specification (IS 19208 : 2025), Coir Non-woven Stitched Composite Geotextiles for Erosion Control Applications— Specification (IS 19218 : 2025), Textiles — Khadi Yarn — Specification

Plastics — Industrial Compostable Plastic Drinking Straws (19109:2025), Artificial Weathering Including Acidic Deposition (IS 19168 : 2025), Measurement of Antibacterial Activity on Plastics and other Non-Porous Surfaces (IS 19165 : 2025), Methods for Marine Exposure (IS 19162 : 2025), Methods of Exposure to Determine the Wavelength Dependent Degradation Using Spectrally Dispersed Radiation (IS 19169 : 2025)

DRAFTS UNDER WIDE CIRCULATION

There are more than 200 drafts of New Standards, Amendments, and Revisions uploaded on the BIS portal, inviting comments and suggestions from experts and the public. These drafts include standards for emerging technology and services such as Artificial Intelligence Data Quality for Analytics and Machine Learning ML (Terminology, Data Quality Measures, Ground truth and video annotation procedure, System design & Specification), Cybersecurity, IOT Security & Privacy Guidelines, Asset Management, Management of Data Assets. These drafts also include specifications for woven shirts and trousers, Children Apparel Safety Specifications, Safe Handling of Bitumen and Bitumen Products – Code of practice.

For a comprehensive list of the New Standards, Amendments and Withdrawals, please visit BIS portal www.bis.gov.in.

ALL INDIA FIRST LICENSES GRANTED

Standard	Product	Licensee	Date Granted
IS 18741 : 2024	Concrete Nails	Apt Tools & Machinery India Pvt Ltd	6 May 2025
IS 629 : 2013	Bicycle-Hub Assembly	Cute Cycles Pvt. Ltd.	6 May 2025
IS 7483 : 2018	Pan Head Screws With Type H Or Type Z Cross Recess	Atul Fasteners Private Limited	8 May 2025
IS 7486 : 2018	Raised Countersunk Head Screws (Common Head Style) With Type H Or Type Z Cross Recess	Atul Fasteners Private Limited	8 May 2025
IS 13664 : 1993	Poly - Pallets For Bag Storage Godowns	Kusum Packaging Solutions Pvt Ltd	9 May 2025
IS 18508 : 2024	Chipboard Screws	Raj Industries	13 May 2025
IS 18476 : 2023	Fasteners - Hexagon Washer Head Drilling Screws With Tapping Screw Thread	Raj Industries	13 May 2025
IS 18471 (Part 2): 2023	Fasteners - Cross Recessed Drilling Screws With Tapping Screw Thread Part 2 Countersunk Head	Raj Industries	16 May 2025
IS 1235: 2023	Acetic Anhydride	Laxmi Organic Industries Ltd	19 May 2025
IS 18471 (Part 1) : 2023	Fasteners - Cross Recessed Drilling Screws With Tapping Screw Thread Part 1 Pan Head	Aidequate India Private Limited	20 May 2025
IS 4265: 1975	4, 4'-Diaminostilbene 2, 2'-Disulphonic Acid	Deepak Nitrite Ltd	26 May 2025
IS 16984: 2024	Coated Folding Box Board for General Consumer Product Packaging	ITC Limited	26 May 2025
IS 16983: 2024	Solid Bleached Sulphate Board	ITC Limited	26 May 2025
IS 229: 2021	Ethyl Acetate	Laxmi Organic Industries Ltd	29 May 2025

STANDARD IN FOCUS: IS 19114:2025 COMMON YOGA PROTOCOL — YOGA PRACTICES

OBJECTIVE-

- To establish standardised guidelines for the safe, effective, and consistent practice of yoga by codifying traditional practices such as loosening exercises, Asanas, Prāṇāyāma, and Dhyana.
- To preserve the authenticity of yoga while making it accessible and adaptable to contemporary needs, thereby promoting holistic well-being.

Scope-

This standard covers the general guidelines (Pre-requisite, During the practice and After the practice) for Yoga practices as well as a description of common yoga practices such as Loosening practices (Calana Kriyas), Standing Asana, Sitting Asana, Prone Postures, Supine Postures, Kapalbhathi, Paranayama and Dhyana. The descriptive techniques of different postures and movements supplemented with pictures along with advisory notes for practitioner serving with medical conditions provide a structured approach to promote health and wellness through standardised practices accessible to all.

QUALITY CONTROL ORDERS IN NEWS

Safety of Household, Commercial and Similar Electrical Appliances (Quality Control) Order, 2025

Implementation Date – 19 March 2026

Products Covered – All electrical appliances intended for household, commercial, or similar applications with rated voltage not exceeding 250V for single-phase appliances and 480V for others, including DC-supplied and battery-operated appliances.

(Extended timeline for Small Enterprises and Micro Enterprises as 19 June 2026 and 19 Sep 2026 respectively)

Exemption –

1) Goods or Articles manufactured domestically for export

2) Import of up to 200 units per year for R&D by manufacturers with the condition

3) Provision for clearance of legacy stock (manufactured or imported before implementation) within six months from the effective date
Appliances already covered under separate QCOs or existing mandatory BIS certification requirements are excluded from its ambit. For illustrative list of electrical appliances covered under the QCO, please visit BIS portal bis.gov.in

Electrical Equipment (Quality Control) Second Amendment Order, 2025

Implementation Date – 10 May, 2025

Products Covered – Low – voltage Switchgear and Controlgear: Circuit – Breakers, Switches, Disconnectors, Switch Disconnectors and fuse combination units, electromechanical contactors and motor starters, AC semiconductor motor controllers and starters, electromechanical control circuit devices, proximity switches, electrical emergency stop devices with mechanical latching function as per IS/IEC 60947.

Textiles- High Density Polyethene (HDPE)/ Polypropylene (PP) Woven Sacks (Quality Control) Order 2023

Enforcement Date – 6 June, 2025

Products Covered – High Density Polythene (HDPE)/ Polypropylene (PP)/ Woven Sacks for Packaging Fertilisers (IS 9755:2021), High Density Polythene (HDPE)/ Polypropylene (PP)/ Woven Sacks for Packaging of 50 kg Cement (IS 11652:2017), Polypropylene (PP) Woven, Laminated Block Bottom Valve Sacks for Packaging of 50 kg Cement (IS 16709:2017), High Density Polythene (HDPE)/ Polypropylene (PP)/ Woven Sacks for Packaging of 25 kg Polymer Materials (IS 9755:2021), High Density Polythene (HDPE)/ Polypropylene (PP)/ Woven Sacks for Mail Sorting, Storage, Transport & Distribution.

Testing facilities for products notified under these two QCOs are now available at BIS Laboratories/ Recognised laboratories by BIS. The list of Laboratories can be referred to on the BIS portal lims.bis.gov.in.

CENTRE OF EXCELLENCE IN LAB TESTING



Centre of Excellence	Testing Facilities
Central Laboratory, Sahibabad	PDW/ Drinking water and other food items. Safety of Electrical/Electronic items, Energy meters Switchgear and control gear, including MCB
Northern Region Laboratory, Mohali	Plywood and other wood products Cables, Conductors and related products
Western Region Laboratory, Mumbai	UPVC pipes and other plastic pipes Wiring accessories and related products
Southern Region Laboratory, Chennai	PDW/ Drinking water and other food items. Gold, Silver (jewellery and Bullion)
Eastern Region Laboratory, Kolkata	Steel and steel products Cement and cement related product (Building material)
Bengaluru Branch Laboratory (BNBL)	Non-electrical Appliances Chemicals (other than water/ food)

DG, BIS Shri Pramod Kumar Tiwari, announced new Centres of Excellence for different products in a comprehensive review meeting of BIS Laboratories on 16-17 May 2025. BIS also finalised Annual Programme for laboratories for the year 2025-26 in the 2-Day workshop of all BIS laboratories chaired by DG, BIS and DDG (Lab), Smt Nishat S Haque. The review meeting addressed key areas such as testing performance, the implementation of the Laboratory Recognition Scheme, infrastructure development and developing laboratories as Centres of Excellence to enhance their role in BIS Conformity Assessment Schemes.

BIS RAIDS FIRSTCRY WAREHOUSE FOR VIOLATION OF QUALITY CONTROL ORDER

The Southern Regional Office of BIS recently conducted a search and seizure operation at a FirstCry warehouse in Bengaluru, operated by Brainbees Solutions Pvt. Ltd. The raid followed credible information that the firm was storing and selling products in violation of the Quality Control Orders (QCOs) issued by the Government of India and provisions of the BIS Act, 2016.

During the operation, officials uncovered 33 varieties of products—including toys and sippers—totaling 36,924 units, with an estimated market value of ₹1.43 crore. Several of these products were being sold without valid BIS licenses and were found misusing the ISI mark, thereby violating mandatory certification norms.



SUSTAINABILITY IN FOCUS AT IEC GENERAL MEETING 2025, NEW DELHI

BIS is hosting the 89th International Electrotechnical Commission General Meeting (IECGM 2025) from 15 to 19 September 2025, in New Delhi with the theme **"Fostering a Sustainable World."** As the host country, India positions itself as a leading voice in international standardisation in the electrotechnical field, providing an excellent opportunity for stakeholders to engage with over 2,000 delegates from more than 150 countries. These delegates will include industry leaders, academics, policymakers, and technical experts working on international standards and conformity assessment for a connected and sustainable future.

In conjunction with the meetings, BIS will organise a series of thematic workshops focusing on emerging areas, including cutting-edge subjects such as Artificial Intelligence, Green Energy, E-Mobility, and Smart Standards in the electrotechnical field.

During the IEC General Meeting 2025, an exhibition related to the Electrical and Electronics Technologies industries will be organised at Hall 14, Bharat Mandapam, featuring -

Start-Up Pavilion: A space dedicated to established and incubated startups in the field of electrotechnology.

EV Pavilion : For manufacturers in the Electric Vehicle (EV) and Green Mobility sectors.

Electrotechnical Industries Pavilion: For Electric Lamp and Component Manufacturers' Association (ELCOMA) and the Indian Electrical and Electronics Manufacturers' Association (IEEMA).

BIS Pavilion: This will include a Sustainability Pavilion, a Digitalisation Pavilion, and an exhibition on the National Electrical Code of India.

IEC GM 2025 offers a great opportunity for professionals in the electrical and electronics sectors to network with global industry peers.

DRIVING EXCELLENCE THROUGH LEARNING: BIS' CAPACITY BUILDING INITIATIVES

A 4-Day Training Programme on "Laboratory Quality Management System and Internal Audit as per IS/ISO/IEC 17025:2017" was organised by the training wing of BIS, NITS, at its Noida campus from 5-8, May 2025. The program brought together 40 professionals, including representatives from esteemed organisations such as STEAG Energy Services India Pvt. Ltd., Central Glass & Ceramic Research Institute, Havells India Ltd., State Department of Agriculture, Himachal Pradesh, CSIR-Indian Institute of Petroleum (IIP), and many others.

The training covered critical topics, including Principles of IS/ISO/IEC 17025:2017, Internal Audit Processes, Implementation of Laboratory Quality Management Systems.

#IECGM2025

Fostering a Sustainable World

89th IEC General Meeting

New Delhi 15-19 September, 2025

India (BIS) hosts the 89th International Electrotechnical Commission (IEC) General Meeting in New Delhi. Be part of the global conversation shaping the future of electrotechnology standards.

Register now to secure your spot in insightful workshops.

Website: gm2025.iec.ch

Low Voltage Direct Current Summit	10-11 Sep 2025
Fostering a Sustainable World	15 Sep 2025
Artificial Intelligence: Shaping the Future with Innovation	16 Sep 2025
Shaping the Future of E-Mobility	17 Sep 2025
Enabling All-Electric & Connected Society (AECS)	18 Sep 2025
Smart Standards – Value for Industry	19 Sep 2025



BIS Dehradun office organised Manak Chaupal, an interactive consumer awareness programme on Standardisation at the 'first village' of India, Mana, in Uttarakhand on 6 May, 2025.

TRAINING PROGRAMME FOR JUNE 2025

NAME OF THE PROGRAMME	VENUE	DATE(S)	FEES (in Rs.) (exclusive of taxes)
LABORATORY RELATED COURSES			
Laboratory Quality Management System as per IS/ISO/IEC 17025:2017	NITS	03-06 June	13,000/-
Measurement Uncertainty (MU)	NRO	05-06 June	7,000/-
Laboratory Quality Management System as per IS/ISO/IEC 17025:2017	ONLINE	17-20 June	13,000/-
Inter Laboratory Comparison, Proficiency Testing and Evaluation of Scores (ILC, PT)	ONLINE	24-25 June	7000/-
MANAGEMENT SYSTEMS RELATED COURSES			
Documentation and Internal Audit Courses on Integrated Management System (IMS) as per IS/ISO 9001, IS/ISO 14001 & IS/ISO 45001	NITS	09-11 June	10,000/-
Documentation and Internal Audit Courses on Quality Management System as per IS/ISO 9001	NITS	12-13 June	7000/-
CAPSULE COURSES ON NBC, NEC AND CODE OF PRACTICES			
Selection and Maintenance of Pumps	Coimbatore Branch Office	06 June	1500/-
National Building Code of India 2016 – Air Conditioning, Heating and Mechanical Ventilation	Jaipur Branch Office	12-13 June	1000/-
Medical Textiles	NITS	13 June	1500/-
National Building Code of India 2016 – Structural Design	NITS	17-19 June	1000/-
Disaster Mitigation and Management	NITS	25-26 June	2000/-