MANAK SAMACHAR

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मानकः पथप्रदर्शकः
Bureau of Indian Standards
The National Standards Body of India

QUALITY INFRASTRUCTURE, CLEAN ENERGY AND CONSUMER SAFETY TAKE CENTRE STAGE AT THE NATIONAL CELEBRATION OF WORLD STANDARDS DAY 2026

Bureau of Indian Standards hosted **World Standards Day 2026** in New Delhi under the theme 'Shared Vision for a Better World: SDG 7 (Clean & Affordable Energy)' in presence of **Shri Pralhad Joshi, Union Minister of Consumer Affairs, Food & Public Distribution, New & Renewable Energy, and Education, Shri B. L. Verma, Minister of State for Consumer Affairs, Food & Public Distribution and Social Justice & Empowerment, Smt. Nimuben Jayantibhai Bambhaniya, Minister of State for Consumer Affairs, Food & Public Distribution and Smt. Nidhi Khare, IAS, Secretary, Department of Consumer Affairs.** The key launches included the Hallmarked Silver Refinery Scheme, new Indian Standards, sustainability roadmaps for agriculture and manufacturing, the Digital Standard Reader (Beta Version 2.0), and an expanded institutional partner network. As India's National Standardisation body, BIS participates in over 600 technical committees across ISO and IEC to align international standard development with India's strategic interests.



STRATEGIC ROADMAP FOR STANDARDISATION IN THE FIELD OF SUSTAINABLE MANUFACTURING

Sustainable manufacturing is increasingly critical in the context of climate change, resource depletion, global supply chain pressures, and India's commitment to achieving Net Zero emissions by 2070. The Strategic Roadmap for Standardisation in the field of Sustainable Manufacturing aims to provide a structured framework for identifying and prioritising Indian Standards that enable industries to adopt sustainable manufacturing practices in a consistent and measurable manner.



The roadmap identifies key areas where standardisation plays a transformative role in sustainable manufacturing. These include:

- **Sustainable and low-carbon technologies,** such as green hydrogen, renewable energy integration, additive manufacturing, and carbon management systems
- **Resource efficiency and circular economy,** focusing on reuse, recycling, remanufacturing, and industrial symbiosis
- **Sustainable product design and manufacturing systems,** incorporating lifecycle assessment, eco-design, predictive maintenance, and end-of-life management
- **Sustainable business models, policy alignment, and capacity building,** including ESG integration, micro, small, and medium enterprises (MSMEs) participation, and supply-chain localisation strategies such as reshoring and near-shoring
- **Digitalisation and knowledge systems,** enabling traceability, data interoperability, and sustainability reporting

Based on these key areas, the Panel has recommended specific subjects for standard formulation, categorised into short, medium, and long-term priorities. This document serves as a strategic guide for Bureau of Indian Standards and stakeholders to advance standardisation in sustainable manufacturing.

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STANDARDS IN NEWS

NOTIFIED QUALITY STANDARDS

BIS continues to expand and refine its collection of Quality Standards. As on date, there are **23,924 Indian Standards in force,** ensuring safer products, stronger industries, and greater trust for consumers. In October 2026, 33 New Standards and 35 Revised Standards were published whereas 36 Indian Standards were amended. Some of the newly published Indian Standards include -

TRANSPORT ENGINEERING

IS 19891 : 2026 Cycles - Electrically Power Assisted Cycles (EPAC) Part 1 Pedal-Assisted Bicycles

MEDICAL EQUIPMENT AND HOSPITAL PLANNING

IS 19956 : 2026 Therapeutic Footwear - Specification

PRODUCTION AND GENERAL ENGINEERING

IS 17192 (Part 6) : 2026 Robotics - Performance Criteria and Related Test Methods for Service Robots Part 6 Lower-Limb Wearable Robots

IS 19919 : 2026 Infant Height and Weight Measuring Device - Specification

TEXTILE

IS 19825 : 2026 Textiles - PVC Coated Fiberglass Insect Screen - Specification

CIVIL ENGINEERING

IS 19952 : 2026 Flexible Plywood - Specification

AYUSH

IS 19960 : 2026 Paediatric Panchakarma Equipment Part 1 Droni

CHEMICAL

IS 19899 : 2026 Thermoplastic Road Marking Paint - Specification

STANDARD IN FOCUS

IS 19967: 2026 CABLES FOR ELECTRIC VEHICLE CHARGING SYSTEM

The Indian Standard **IS 19967 : 2026** ensures that the cables used to charge electric vehicles are safe, reliable and capable of withstanding the electrical and thermal stresses encountered during charging. It helps protect consumers from potential electrical hazards, ensures better quality and performance of charging cables and provides manufacturers with uniform requirements for producing cables that support the growing electric mobility ecosystem in India.

The scope covers flexible cables equipped with extruded insulation and sheaths, rated up to **1,100 V a.c. or 1,500 V d.c**., for electric vehicles and plug-in hybrid vehicles. Its structure addresses common baseline requirements and then distinctively categorises cables for AC charging modes **1 to 3, DC mode 4 charging without thermal management, and DC mode 4 charging with thermal management.**

Requirements

The provisions address **high-conductivity flexible copper conductors, power, pilot and control cores, insulation and sheath compounds, fillers, core assembly, optional screens, precise dimensions, cable coding, and clear core identification.** For charging operators and vehicle manufacturers, this structure supports interoperability and confidence in installation, while providing cable makers a clear route to repeatable design, testing, and quality control.

Testing

The standard establishes a comprehensive **regime of routine, acceptance, and type tests. These evaluations cover electrical integrity, insulation resistance, spark and high-voltage tests, mechanical and environmental performance, flexing, flame behaviour, smoke density, and halogen-acid evaluation.** Durable marking and systematic sampling complete this regime, ensuring safer and more dependable charging leads for users.

ALL INDIA FIRST LICENSE

Standard/Products	Licensee
IS 4552 : Part 2: 1993 Automotive vehicles - Portable Jacks for Automobiles, Part 2 Hydraulic Jacks	Elevra Tech Private Limited
19608 : 2026 Hot-rolled Carbon and Alloy Steel Plates, Sheets and Strip	JSW Steel Limited
IS 17908 : 2023 Fibre Cement Sheet -Lightweight Concrete Sandwich Panels	Visaka Industries Limited
IS 3063 : 1994 Fasteners - Single Coil Rectangular Section Spring Lock Washers	Ravi Engineers Private Limited

STANDARD IN ACTION

IS 19952: 2026 FLEXIBLE PLYWOOD- SPECIFICATION

Flexible plywood is a specialised wood-based panel engineered to bend smoothly around curves without cracking or splitting. Unlike conventional flat plywood, its construction features thin veneers bonded with grain directions aligned specifically to facilitate curvature. This standard creates a common technical baseline for architects, designers, manufacturers, and fabricators, enabling precise matching of panel performance and surface finish to specific curved applications while mitigating structural failures, rework, and project disputes.

Flexible plywood is needed wherever a wood-based panel must take a curve without cracking, such as in furniture, interior panelling, partitions, columns, ceilings and decorative work.



Requirements & Testing

- **Classification & Grades:** Categorises panels by adhesive bond strength into Moisture-Resistant (MR), Boiling-Water-Resistant (BWR), and Boiling-Water-Proof (BWP) grades.
- **Surface & Materials:** Establishes surface quality levels (Types A, B, and C) alongside allowable visual defect parameters.
- **Manufacturing & Workmanship:** Covers raw timber selection, adhesive formulations, manufacturing processes, dimensional tolerances, and edge quality.

Testing & Evaluation

Quality assurance procedures specify physical and mechanical testing protocols to ensure compliance

- **Adhesion & Water Resistance:** Glue-line shear strength and water resistance testing across defined bonding grades.
- **Emissions:** Formaldehyde content and emission rate checks.
- **Flexibility:** Bend testing using standardized mandrel diameters to evaluate minimum bending radii and structural integrity.
- **Conformity:** Standardised sampling, product marking, and certification guidelines.

For consumers, **IS 19952 : 2026** provides defined requirements for flexible plywood's grades, surface quality, bending performance and formaldehyde content, supporting informed purchasing decisions and selection for suitable applications. For manufacturers, architects, designers and fabricators, these standardised specifications promote consistency in material selection and product performance, helping reduce defects, rework and material wastage. This standard covers the requirements of flexible plywood for use in curved and rounded general purpose applications.

STANDARDS UNDER DEVELOPMENT

MEETING IN FOCUS: **5th Meeting of EED 06 / Panel 02 on Aquatic Biodiversity**

The 5th Meeting of EED 06 / Panel 02 was held on 9 October 2026 at ICAR-Central Marine Fisheries Research Institute (CMFRI), Kochi.

Scope of Work EED 06 / Panel 02

Inventorisation, protection, conservation, sustainable harvesting and restoration of aquatic biodiversity and ecosystem including both fresh water and marine.

IMPORTANT DECISION

Potential new areas for standardisation were identified and discussed, including an integrated framework for data collection, validation and storage; criteria for identifying biologically and ecologically sensitive areas; and indicators for assessing marine.

- A field visit to Cochin Fisheries Harbour, Thoppumpady, was undertaken to observe field-level practices where primary information from fishers and other relevant sources was collected, with the objective of strengthening the draft Indian Standard through practical insights and ground-level inputs.
- Deliberations were held on the draft Indian Standard Estimation of Marine Fish Landings and Fishing Efforts - Methodology to examine its provisions, incorporate practical perspectives and identify areas requiring further refinement.

STANDARDS UNDER WORKING DRAFT STAGE

Estimation of Marine Fish Landings and Fishing Efforts - Methodology

This draft Indian Standard establishes a uniform and scientifically robust methodology for estimating marine fish landings and fishing effort along the Indian coastline. It specifies procedures for sampling design, data collection, estimation, validation and reporting to promote the accuracy, consistency and comparability of fisheries statistics. The standard is expected to facilitate scientific assessment of marine fisheries, strengthen evidence-based fisheries management and support the sustainable utilisation and conservation of marine fishery resources in India.



DRAFTS UNDER WIDE CIRCULATION

WC DRAFT IN FOCUS

BIS is advancing its inclusive approach to standardisation by inviting the comments for Wide Circulation Drafts, which include New, Revised, and Amended standards.



Protective Footwear for Motorcycle Riders

The draft Indian Standard on Personal Protective Equipment - Part 9 Protective Footwear for Motorcycle Riders **[IS 15298 (Part 9)]** has been circulated for comments. This draft specifies essential physical, mechanical, chemical, and ergonomic requirements for motorcyclists' footwear. It aims to provide mechanical protection to the foot and optionally to the shin during accidents, without significantly compromising the rider's ability to control the motorcycle. The key features include the introduction of two performance levels (Level 1 and Level 2) for upper height, impact abrasion resistance, impact cut resistance, and transverse rigidity, based on the degree of risk or hazard. The draft also covers requirements for ankle impact protection, outsole, bond strength, innocuousness and ergonomics. The optional protective features such as Impact Protection to the Shin, resistance to Water Penetration, Resistance to Fuel Oil of Outsole, and Toe Protection are also addressed. The draft standard includes specific test methods, minimum number of samples, and marking requirements to ensure the reliability and quality of Personal Protective footwear.

Banking and Related Financial Services: Key Wrap Using Advanced Encryption Standard (AES)

The draft Indian Standard on Banking and Related Financial Services: Key Wrap Using Advanced Encryption Standard (AES) **(IS/ISO 20038)** has been shared for comments. The draft proposes revising the existing Indian Standard, **IS/ISO 20038:2017**, in alignment with the latest international specification, **ISO 20038:2026**. It specifies an updated method for protecting cryptographic keys and associated information during transmission and storage. Key features include enhanced requirements for encryption, authentication and key derivation, along with improved protection of information relating to permitted key usage. The draft also expands provisions for handling different types of cryptographic keys, including symmetric keys and RSA and ECC key pairs. The revision aims to strengthen key security, promote interoperability and encourage consistent security practices across banks and financial institutions.

BIS requests professionals, researchers, industries, and consumers to visit the Draft Portal and actively contribute with feedback.

Scan to access the Wide Circulation Drafts from various BIS Technical Departments and share your comments related to particular draft





From Farm to Fork: Pivotal Role of Indian Standards in making the Food Chain Secure

The Food and Agriculture Department (FAD) under the BIS is entrusted with the task of formulation of national standards in the field of food and agriculture across the entire food and feed supply chain.

> ***FAO/WHO states:*** *"Complete freedom of food from risk is an unattainable goal. A safe and wholesome food is related to a level of risk that society regards as reasonable in the context, and in comparison, with other risks in everyday life."*

Food safety is a continuous journey. Food safety means ensuring that food will not harm the consumer when prepared and eaten according to its intended use. While critical to public health, it is important to distinguish food safety from other health aspects like malnutrition; food safety focuses strictly on the prevention and mitigation of food-borne hazards at the exact point of consumption. Because a hazard can be introduced at any stage-from farm to fork-maintaining food safety requires the combined, seamless efforts of every participant in the global food supply chain.

Global Health Reality: Facts and Figures

- **Disease Burden:** One in ten people worldwide fall ill from eating contaminated food each year, highlighting the constant threat of poor hygiene.
- **Vulnerable Populations:** Children under the age of 5 make up just 9 percent of the global population, yet they carry 40 percent of the total foodborne disease burden.
- **Pathogen Variety:** Over 200 distinct diseases are caused directly by consuming food contaminated with bacteria, viruses, parasites, or heavy metals.
- **Antimicrobial Resistance (AMR):** Each year, an estimated 5 million people die globally due to infections from antimicrobial-resistant microbes, driven in part by unregulated antibiotic residues in the global feed and food chain.

Modern Challenges in the Global Food Supply

The landscape of food production has shifted greatly over the years, introducing complex safety concerns that did not exist a few decades ago.

- **Rapidly Changing Global Food Trade**

  As businesses become more innovative and competitive, supply chains have elongated. It is now common for food to be produced in one country, processed in a second, and marketed in a third. This highly distributed model significantly increases the risk of cross-border chemical and microbial contamination.
- **Pressures of an Increasing World Population**
  - Pest control chemicals, fertilizers, and veterinary drugs
  - Artificial food additives and processing aids

Three Pillars of Health Hazards

Food safety hazards are generally categorized into three distinct groups. A breakdown of these concerns highlights where vulnerabilities exist:

Hazard Type	Common Sources & Examples
Biological	**Microbiological:** Fungi, bacteria, viruses, and pathogens. **Macro biological:** Internal or external pests and parasites.
Chemical	Cleaning chemicals, pesticide residues, heavy metals, allergens, veterinary drug residues, antibiotic residues, mycotoxins (e.g., patulin, ergotin), chemical additives, plasticizers, and plastic packaging migration.
Physical	Filth, flies, insects, visible extraneous matter, and contaminants carried via compromised water or air.

Crucial Role of Food Safety Standards – Indian and International

Food safety standards act as a vital benchmark for global trade and local consumption. These standards establish the exact criteria food must meet to protect consumers and build market confidence. They establish a common language for buyers to communicate requirements to suppliers, and create clear structure for corrective action. Food safety standards cover different aspects:

- **Uniform Nomenclature:** Standardised terminology across borders to prevent misinterpretation.
- **Codes of Good Practices:** Structured guidelines for hygienic farming, manufacturing, and handling.
- **Testing & Inspection:** Standardised test methods, sampling rules, and inspection protocols to verify compliance before food reaches the market.

By integrating domestic requirements and conditions with international benchmarks such as **ISO** and **Codex Alimentarius**, Indian Standards developed by BIS protect consumers from environmental, biological, and chemical hazards while ensuring the food supply remains safe and resilient. These standards outline requirements and guidelines for businesses-from large-scale industrial processors to street-side vendors-to prevent, track, and eliminate food safety hazards.

Important Food Safety Standards

S. No.	Indian Standard (IS)	Corresponding International Standard	Core Objective / Scope
1.	IS 2491: 2024 Food Hygiene – General Principles	Codex CXC 1-1969 (Rev. 2020) General Principles of Food Hygiene	Identifies essential principles of food hygiene applicable throughout the entire food chain (from primary production to the final consumer)
2.	IS 15000: 2024 Hazard Analysis and Critical Control Point (HACCP)	Codex CXC 1-1969 (Rev. 2020)General Principles of Food Hygiene	Establishes requirements for any organization in the food chain to implement a proactive system for assuring food safety
3.	IS/ISO 22000:2018 Food Safety Management Systems (FSMS)	ISO 22000:2018 Food Safety Management Systems	Outlines overarching management system requirements for organizations to demonstrate their hazard control capabilities
4.	IS 16020: 2012	National Baseline Framework	Outlines specific operational requirements for Good Hygiene Practices (GHP)
5.	IS 16021: 2012	National Sectoral Framework	Details Good Manufacturing Practices (GMP) requirements tailored for the food processing sector

IS 2491: 2024 (Food Hygiene – General Principles - Code of Practice)

To fully understand IS 2491, it helps to look at it as the foundational pillar of the entire Indian food safety framework. It is identical in scope to the international Codex Alimentarius Standard (CXC 1-1969, revised in 2020). Rather than testing food at the very end of production, IS 2491 focuses on building a clean, controlled environment throughout the entire lifecycle of food. The core areas examined under this standard are:

(a) Primary Production (The Source)
(b) Design and Facilities of the Establishment
(c) Control of Operations
(d) Maintenance and Sanitation
(e) Personal Hygiene
(f) Transportation
(g) Product Information and Consumer Awareness
(h) Competency and Training

Compliance to IS 2491 serves as the baseline foundation. One **cannot** implement a successful **HACCP (IS 15000)** plan or qualify for **IS/ISO 22000** without fulfilling the general hygiene principles laid out in IS 2491 first. In other terms, these principles act as the core Prerequisite Programs (PRPs) that keep a facility clean enough to handle complex hazard monitoring.

HACCP System (IS 15000): Proactive Hazard Prevention

The Hazard Analysis and Critical Control Point (HACCP) system shifts the food industry from a reactive policy of post-production testing to a **proactive system of pre-emptive safety.** HACCP applies across the entire supply chain and targets physical, chemical, and biological hazards.

The core functional deployment of HACCP involves:

- Establishing comprehensive Product Descriptions and verifying target consumers.
- Building clear operational verification mechanisms.
- Determining Critical Control Points (CCPs) where hazards must be prevented or eliminated.
- Keeping documentation and log records for full traceability.

Comprehensive System Control: IS/ISO 22000

- **IS/ISO 22000** serves as the overarching management system standard. It dynamically merges the operational logic of the HACCP system with custom Prerequisite Programs (PRPs). The main goals of the standard include:
- Proving an organisation's capability to control food safety hazards consistently.
- Meeting customer requirements and applicable statutory or regulatory criteria.
- Improving customer satisfaction through structured processes that constantly update and refine the system.

Food Safety – A Shared Responsibility

Because a hazard can creep into the food chain at any stage from the farm all the way to the kitchen table, maintaining food safety cannot rest on the shoulders of just one entity. It requires the combined, seamless efforts of every single participant in the ecosystem.

To build a resilient food safety ecosystem, BIS maintains a plethora of food safety standards, harmonized with global frameworks. Food scientists, quality managers, and food safety auditors emphasize that comprehensive standardization is an operational advantage and implementation of food safety standards like **IS/ISO 22000 or IS 15000 (HACCP)** shifts an organization from a reactive approach to a proactive model. This minimises batch contamination, reduces waste, and helps small and medium enterprises scale safely into international markets. Furthermore, Food safety standards protect consumer interests by establishing a baseline of trust, health security, and economic fairness across the marketplace.

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Bureau of Indian Standards



CONFORMITY ASSESSMENT

ANIMAL FEEDS AND FEED INGREDIENTS (QUALITY CONTROL) ORDER, 2026

In a significant step towards ensuring safety & quality and compliance in the animal feed sector, **the Ministry of Fisheries, Animal Husbandry and Dairying (Department of Animal Husbandry and Dairying)** has issued a Quality Control Order (QCO) for Animal Feeds and Feed Ingredients on 7 October 2026.

Indian Standard	Product Covered
IS 1664 Mineral Mixtures for Supplementing Cattle Feeds-Specification	Mineral mixtures for supplementing cattle feeds
IS 5470 Dicalcium Phosphate, Animal Feed Grade-Specification	Dicalcium Phosphate, animal feed grade
IS 920 Specification for Common Salt and Cattle Licks for Animal Consumption	Common salt and cattle licks for animal consumption



The order will take effect on **1 April 2027** (for general enterprises), **1 October 2027** (for micro enterprises) and **1 July 2027** (for small enterprises).

GOOD PRACTICES FOR SAFETY IN LABORATORY HANDBOOK

Bureau of Indian Standards launched a handbook titled "**Good Practices for Safety in Laboratory**" on World Standards Day 2026. The handbook aims to spread awareness of laboratory safety and encourage the adoption of safe working practices in chemical, radiochemical and microbiological laboratories.



The handbook highlights specific safety requirements for chemical, radiochemical and microbiological laboratories, along with guidance on safety colours, signs and hazard communication.

It draws upon the provisions of relevant Indian Standards, particularly **IS 4209: 2013, IS 4906: 2017, IS 12035: 1986, IS 9457: 2025 and IS 17889: 2022,** to provide practical guidance for laboratory personnel, supervisors and organisations involved in laboratory operations.

The primary objective of this handbook is to serve as a ready reference for laboratory personnel, facilitating the identification of potential hazards, adoption of appropriate preventive measures and development of a strong safety culture in laboratories. It is expected to contribute towards minimising laboratory accidents, protecting personnel and ensuring a safer working environment through the implementation of good laboratory practices and relevant Indian Standards.

COURTS CRACK DOWN ON FAKE ISI MARKS, NON-COMPLIANT GOODS & JEWELLERY

Courts across **Maharashtra, Kerala and Odisha** have taken strict action against businesses violating mandatory safety and quality standards under BIS Act, 2016. The cases involved non-compliant industrial materials, counterfeit ISI Marks and unhallmarked gold jewellery.

In **Bhiwandi, Maharashtra,** the Judicial Magistrate First Class Court imposed fines totalling **₹34 Lakh** on an importing firm and its 16 directors and officials. The case involved **17,703 boxes of 1.2mm flux-cored welding wire seized** in February 2022 for sale without a valid BIS Standard Mark and licence. Each accused was fined ₹2 lakh, and the seized material was ordered to be destroyed. In another case, a court in **Thrissur, Kerala,** ordered the forfeiture of **162 metric tonnes of hollow structural steel sections branded "DEMAC".** The company, M/s New Malayalam Steel Private Limited, and two individuals were fined **₹2 Lakh** each for displaying the BIS Standard Mark (IS 4923) without a valid licence. **In Bhiwandi,** a packaged drinking water supplier was fined **₹2 Lakh** for printing unauthorised ISI marks. **In Bhubaneswar,** M/s Hindustan Jewellers paid a **₹3 Lakh** fine following the seizure of **138.80 grams of unhallmarked gold jewellery.**

BIS urges businesses to comply with applicable requirements and consumers to verify Quality Marks through the BIS CARE App.

BIS ENFORCEMENT ACTIONS ON VIOLATION OF BIS ACT, 2016

BIS Chennai Branch Office conducted an enforcement Search and Seizure operation on 22 October 2026, at a mobile hardware outlet named M/s A1-Combo King in Velachery, Chennai. The BIS officials found 300 lithium-polymer and lithium-ion batteries bearing BIS Standard Marks with registration numbers that were either invalid or not authorized for the brand under which the products were being marketed. The registration numbers displayed on the goods were found to be associated with other brands, thereby indicating misuse of the BIS Standard Mark (Registration).

BIS Bengaluru Branch Office raided at M/s Cavitak Global Commerce Private Limited (GRIPIT), Bengaluru, on 27 October 2026, under Section 28 of the BIS Act, 2016. Approximately 13000 Air Fryers and Portable Blenders valued at around ₹ 20 Crore found without the ISI Mark, violating the Electrical Appliances for Kitchen (Quality Control) Order, 2023.



Legal proceedings are being initiated under the BIS Act, 2016, to address the violations and safeguard consumer interests.

GUIDELINES ON NOTE AUTHENTICATION AND FITNESS SORTING PARAMETERS

The Reserve Bank of India (RBI) issued an updated Master Direction on 2 October 2026, consolidating directives regarding Note Sorting Machines (NSMs) under Sections 35A and 56 of the Banking Regulation Act, 1949. Under these provisions, notes must undergo systematic evaluation for genuine authenticity and physical condition. Notes exhibiting excessive soiling, limpness, tears, holes, stains, deliberate graffiti or adhesive repairs must be classified as unfit for re-circulation. NSMs must also reliably identify and segregate suspected counterfeit banknotes and phased-out note series.

Financial institutions must procure Bureau of Indian Standards certified NSMs conforming to IS 18663 : 2024 Note Sorting Machines- Specifications. To maintain operational accuracy, banks must conduct mandatory quarterly testing and calibration of deployed machines and maintain official signed compliance certificates. The earlier discontinued models currently in service must be completely phased out on or before 30 June 2027.

INDUSTRY ACADEMIA PARTNERSHIP

FIRST INTERNATIONAL CONFERENCE ON CONSUMER RIGHTS PROTECTION IN THE DIGITAL ERA, RUSSIA

An Indian delegation comprising Smt. Nidhi Khare, Secretary, Department of Consumer Affairs; Smt. Reena Garg, Deputy Director General, Bureau of Indian Standards; and Shri Prashant Dubey, Director, Department of Consumer Affairs, participated in the **First International Conference on Consumer Rights Protection in the Digital Era** in Moscow, Russia, on 8-9 October 2026. The conference brought together around 350 representatives from 23 countries.



Smt. Nidhi Khare shared India's initiatives on digital consumer protection during the opening plenary. In a panel discussion on 'Artificial Intelligence (AI): Challenges and Opportunities,' Smt. Reena Garg presented India's perspective on AI and consumer protection, while Shri Prashant Dubey highlighted the National Consumer Helpline's role in grievance redressal.

LAUNCH OF BIS DIGITAL STANDARD READER (BETA VERSION 2.0)

BIS Digital Standard Reader is a web-based platform that provides structured, searchable and user-friendly access to BIS Standards available in XML format. It transforms XML-based Indian Standards into SMART standards facilitating an interactive digital reading environment, enabling users to navigate clauses and sub-clauses, search technical content, access definitions, follow cross-references and view annexes and other structured elements.



Accessible across mobile devices, tablets, and desktops, the platform also features an analytics dashboard to track usage trends and establishes an AI-ready repository for future digital services. This will make Indian Standards more user friendly and easy to access.

Scan to Know More

TECHNICAL SESSIONS ON ENERGY MANAGEMENT AND SUSTAINABLE DEVELOPMENT: THE ROLE OF ISO 50001

Bureau of Indian Standards organised a technical session on **Energy Management and Sustainable Development: The Role of ISO 50001** on 14 October 2026 at Manak Bhawan, New Delhi, as part of World Standards Day 2026 celebrations. The session began with a welcome address by Smt. Reena Garg, Deputy Director General (Standardization-I), BIS. Shri Suhas R. Lohokare, Chairperson of MED 39, presented **Energy Management (EnMS) and Energy Performance Improvement through Sustainable Development** and highlighted ISO 50001's role in improving energy performance, while Shri Anil Mehta of Havells India Limited shared industry insights on translating energy management into business value. The session emphasised energy efficiency, cost optimisation, industrial competitiveness and environmental sustainability. The deliberations highlighted ISO 50001's role in integrating energy management into organisational decision-making and supporting SDG 7, particularly Target 7.3, which focuses on improving energy efficiency.

CAPACITY BUILDING PROGRAMME ON NBCS 2026 & NEC 2023

Bureau of Indian Standards participated in a day-long conference organised by the Indian Chamber of Commerce (ICC) on Decoding the National Building Construction Standards 2026 in Kolkata on 9 October 2026. It was inaugurated by Shri Koushik Chowdhury, Hon'ble Minister for Fire & Emergency Services, Govt. of West Bengal. The event was attended by around 90 professionals from the construction industry, including building material manufacturers, researchers, and academicians.



The event featured Shri Arun Kumar Saravanan, Head of the NBC Cell at BIS, alongside drafting committee members of Part F (Fire and Life Safety) of NBCS 2026, who engaged in a panel discussion detailing the key provisions of the newly revised special publication (SP 7:2026) and answered technical queries from attendees.

SEMINAR ON STANDARDS FOR AUDIO/VIDEO & COMMUNICATION TECHNOLOGY EQUIPMENT

Bureau of Indian Standards, in association with the Manufacturers' Association for Information Technology (MAIT), organised a seminar titled **'From Legacy Safety Standards to IS/IEC 62368-1: Towards a Future-Ready Safety Regime for Audio/Video, Information and Communication Technology Equipment'** on 16 October 2026 in New Delhi. The seminar focused on hazard-based safety engineering, consumer protection and evolving safety requirements for electronic and ICT equipment.



The seminar covered Hazard-Based Safety Engineering (HBSE), implementation guidelines under CRO 2021, and design, testing and conformity assessment requirements. BIS, MeitY, testing laboratories, certification bodies and industry representatives discussed migration challenges, including testing capacity, component compliance and consistent interpretation.

BIS TO HOST ISO WORKING GROUP MEETINGS ON AUTOMOTIVE ELECTRICAL COMPONENTS

Bureau of Indian Standards, through its Transport Engineering Department (TED), will host **two international Working Group meetings under ISO/TC 22/SC 32,** Electrical and Electronic Components and General System Aspects, at BIS Headquarters, New Delhi, in November 2026. The meeting of **WG 6, On-board Electrical Connections,** will take place from 10 to 12 November, followed by **WG 4, Automotive Electrical Cables,** from 17 to 19 November. Experts will discuss technical requirements, standardisation projects and challenges concerning electrical cables and connections used in vehicles. As vehicles incorporate electronic systems and electric powertrains, dependable cables and connections are becoming important for safety, performance and reliability. These meetings will offer opportunities to exchange technical knowledge, consider industry developments and advance work on International Standards. The Automotive Electrical Equipment and Instruments Sectional Committee of Transport Engineering Department (TED), BIS will provide an opportunity for Indian stakeholders to engage with international experts.

STANDARDS' PROMOTION

MSME MEET WITH PENCIL SLATS MANUFACTURERS OF KASHMIR VALLEY

BIS Jammu & Kashmir Branch Office organised an MSME Meet on Pencil Slats on 22 October 2026 at Srinagar. The programme was organised for manufacturers and stakeholders associated with the Pencil Slat industry in the Kashmir Valley, with the objective of creating awareness regarding the requirements of Indian Standard **IS 3084:2023 – Pencil Slat Specification.**



The sessions highlighted the requirements of **IS 3084:2023** for pencil slats, emphasising adherence to the Indian Standard, product quality, appropriate quality assurance and testing practices.

MANAK CARNIVAL 2026 AND RIDER SAFETY BIKE RALLY

BIS Ghaziabad Branch Office organised the BIS Manak Carnival 2026 alongside a major Rider Safety Bike Rally and the inauguration of a novel Helmet Bank at the Delhi-NCR Campus of SRM Institute of Science and Technology, Modinagar on 10 October 2026.





The mega event was conducted under the aegis of the Ministry of Consumer Affairs, Food and Public Distribution, Government of India, to drive nationwide awareness on two-wheeler rider safety, quality products, Indian Standards, and consumer rights through direct public participation.

TRAINING CALENDAR: NOVEMBER 2026

Name of the Programme	Date (s)	Venue	Fees(₹)
2-Day Documentation, Awareness and Internal Audit Course on Event Sustainability Management System as per IS/ISO 20121: 2024	16-17 Nov 2026	NITS	7000
5-Day Lead Auditor Course on Quality Management System (QMS) as per IS/ISO 9001: 2015	16-20 Nov 2026	NITS	21000
4-Day Offline Training Programme on Laboratory Quality Management System and Internal Audit as Per IS/ISO/IEC 17025: 2017	17-20 Nov 2026	ERL	13000
4-Day Offline Training Programme on Laboratory Quality Management System and Internal Audit as Per IS/ISO/IEC 17025: 2017	24-27 Nov 2026	NITS	13000
Method Validation	24-27 Nov 2026	NITS	7000

CHIEF VIGILANCE OFFICERS' MEET ON ANTI- BRIBERY MANAGEMENT SYSTEM (ABMS)

BIS organised Chief Vigilance Officers (CVO) Meet on Anti- Bribery Management System (ABMS) on 16 October 2026, at BIS, HQ, New Delhi. This meet served as a collaborative platform for CVOs across departments for introduction of the ABMS in their organisation and discuss emerging challenges, share regulatory insights, and evaluate best practices in anti-corruption compliance.



The meet was attended by more than 15 CVOs from different organisations including CBDT, CBSE, NTPC, NDMC, GAIL, BSNL, OIL, DDA and other prominent organisations. During the meeting, a presentation was given by BIS on the Indian Standard **IS/ISO 37001:2025 - Anti-Bribery Management System (ABMS).** The programme concluded with a collective commitment to uphold honesty, ethical values and integrity in public life.

BIS COMIC BOOK SERIES GETS TWO NEW ADDITIONS

On the occasion of World Standards Day 2026, two new comic books on Indian Standards for Toys and Hallmarking were released in the presence of key dignitaries, to foster awareness among children about the importance of standards, quality and consumer protection from an early age.



The comic books use engaging stories and illustrations to simplify the concept of Indian Standards, making learning about quality and consumer protection more accessible and interesting for children. With these additions, BIS's collection has expanded to 13 comic books, promoting awareness among children.

BIS PAN-INDIA CONSUMER AWARENESS CAMPAIGN

During the festive season, BIS stepped up its efforts to promote awareness of Silver Hallmarking, Quality Marks and other information related to informed purchase decisions. As part of these initiatives, awareness campaigns are active across 325 railway stations, e-commerce platforms, radio channels, print media and outdoor media.



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