

**EIGHTH MEETING OF THE GOVERNING COUNCIL OF  
BUREAU OF INDIAN STANDARDS**

**1200 hours, Friday  
20 September 2024**

**Room No. 41  
Krishi Bhawan,  
New Delhi**

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**Participants** – The list of Governing Council members and other participants who attended the 8<sup>th</sup> Governing Council (GC) meeting of BIS as well as list of members who requested leave of absence is given in **Annex 1**.

**Item 1. WELCOME BY DG, BIS**

1.1 DG, BIS welcomed Shri Pralhad Joshi, Hon'ble Minister Consumer Affairs, Food & Public Distribution and New and Renewable Energy and *ex-officio* President of GC, Shri B. L. Verma, Hon'ble Minister of State Consumer Affairs, Food and Public Distribution and *ex-officio* Vice-President of GC and other esteemed members to the Eight Governing Council (GC) Meeting of BIS.

**Item 1. LAUNCHES BY HON'BLE MINISTER DURING GC:**

- (A) IRD Portal
- (B) Hallmarking Video
- (C) Printed Copies of Lesson Plans
- (D) Digital Versions of the Reference Handbooks
- (E) Digital Versions of the Reference Materials (PPTs) for Technical Sessions in Partner Institutions

## **Item 2. PRESENTATION ON BIS ACTIVITIES, INITIATIVES AND WAY FORWARD**

2.1 DG, BIS and DDG concerned made a power-point presentation on BIS activities, initiatives and way forward (**Annex 2A**).

## **Item 3. CONFIRMATION OF THE PROCEEDINGS OF THE SEVENTH MEETING OF THE GOVERNING COUNCIL OF BIS**

3.1 The proceedings of the **Seventh** Meeting of the Governing Council of BIS held on 18 December 2023 were circulated to the members vide our e-mail dated 17 January 2024 **Annex 3A**. No comments were received.

3.2 The Governing Council confirmed the said proceedings.

## **Item 4 ACTION TAKEN REPORT ON THE DECISIONS OF THE SIXTH MEETING OF THE GOVERNING COUNCIL OF BIS**

4.1 Action Taken Report on the decisions / actionable points of the **Seventh** Meeting of the Governing Council of BIS held on 18 December 2023 is given in **Annex 4A**.

4.2 The Governing Council noted the same.

## **Item 5                    ENHANCING BIS INTERNATIONAL PARTICIPATION AT ISO/IEC LEVEL**

5.1 On the proposal regarding exemption for BIS officials/designated experts regarding restrictions on number of international visits per year, Governing Council asked DG, BIS to send the proposal to DoCA for examination and decision. GC agreed in principle, to the proposal regarding financial support to designated experts for attending the meetings at the ISO and IEC level **subject** to submission of a declaration by the designated expert concerned duly affirmed by his/her parent organization that the parent organization is not bearing the expenses for such participation. **However, in respect of Government officials, compliance with the government rules and guidelines in force shall also be ensured.** BIS shall develop a SoP for designating experts and nominating them for attending the ISO/IEC level meetings and share it with DoCA for direction.

## **Item 6                    AMENDMENT TO REGULATION 12(4)(A) TO (C) OF BIS (TERMS & CONDITIONS OF SERVICE OF EMPLOYEES) REGULATIONS REGARDING DOMESTIC TRAVEL**

6.1 Governing Council approved the proposal.

## **Item 7                    PROPOSAL OF AMENDMENT IN THE BIS (RECRUITMENT TO SCIENTIFIC CADRE) REGULATIONS, 2019**

7.1 Governing Council acceded to the proposals made in Item No. 7.

## **Item 8                    CONTRACTUAL            MANPOWER            IN            BIS            TESTING LABORATORIES**

8.1 It was informed that this matter had earlier been decided with the approval of EC of BIS. Therefore, the agenda item will be revisited to examine if it is required to be brought to the Governing Council.

**ITEM 9            PROPOSAL FOR PROVIDING SUPPORT TO OTHER  
GOVERNMENT LABORATORIES IN CRITICAL AREAS**

**9.1**     Governing Council noted.

**Item 10   ANY OTHER BUSINESS WITH THE PERMISSION OF THE  
CHAIR**

There being no other business, the meeting ended with a vote of thanks to the Chair.

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## ANNEX - 1

### MEMBER OF THE GOVERNING COUNCIL PRESENT IN THE MEETING

1. Shri Pralhad Joshi, *(in chair)*  
Hon'ble Minister of Commerce & Industry,  
Consumer Affairs, Food and Public Distribution and Textile
  2. Shri B. L. Verma,  
Hon'ble Minister of State for Consumer Affairs,  
Food and Public Distribution
  3. Ms. Nidhi Khare,  
Secretary,  
Consumer Affairs, Food and Public Distribution
  4. Shri Pramod Kumar Tiwari,  
Director General,  
Bureau of Indian Standards
  5. Shri Bhola Singh,  
Hon'ble Member of Lok Saba
  6. \*Dr. Kalpana Saini,  
Member of Parliament, Rajya Sabha
  7. Shri. Shantmanu,  
Additional Secretary and Financial Advisor,  
Ministry of Consumer Affairs,  
Food and Public Distribution
  8. \*Shri Sanjiv  
Joint Secretary, Department for Promotion of  
Industry and Internal Trade
  9. \*Shri Ranjeet Kumar Dass,  
Hon'ble Minister,  
Minister, Food, Public Distribution and Consumer Affairs  
Department, Assam
  10. \* Smt. Leshi Singh, Hon'ble Minister,  
Food and Consumer Protection  
Department Government of Bihar,
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11. \*Smt. Rekha Arya,  
Hon'ble Minister,  
Food, Civil Supplies and Consumer Affairs  
Department Government of Uttarakhand
12. \*Shri Narayanbhai Shah,  
Adhyaksha, Akhil Bhartiya Grahak Panchayat
13. Ms. Anandita Mehta (COO)  
Chief General Manager & Editor,  
Consumer Education & Research Centre (CERC)
14. \*Shri R. K. Tyagi,  
Chairman and Managing Director,  
Power Grid Corporation of India
15. \*Prof. C. V. R. Murty,  
Department of Civil Engineering,  
Indian Institute of Technology (IIT) Madras
16. \* Dr. Bhimaraya Metri,  
Director, IIM Nagpur
17. \*Shri. Chakravarthy T. Kannan,  
Secretary General,  
Quality Council of India (QCI)

#### **Representative**

1. \*Dr. Debashish Bandyopadhyay, Head HMD  
**Representing Dr. (Mrs.) N. Kalaiselvi,  
Director General, CSIR and Secretary, DSIR**
2. i) \*Shri Vipin Sahni,  
ED, CII, **Representing Shri Sanjiv Puri, President (CII)**  
ii) Dr. Aparna Dhawan,  
ED, CII, **Representing Shri Sanjiv Puri, President (CII)**

3. \*Shri Sanjay Notani,  
Chairman, National Council ASSOCHAM  
**Representing Shri Sanjay Nair, President (ASSOCHAM)**

#### **Leave of Absence**

1. Shri. Bharat Khera,  
Additional Secretary,  
Deptt. of Consumer Affairs

#### **ABSENT**

1. Shri Pasha Patel,  
Former Member of the Maharashtra  
Legislative Council
2. Shri. Kunvarjibhai Mohanbhai Bavaliya,  
Hon'ble Minister, Water Supply, Food, Civil Supply and  
Consumer Protection Affairs. Government of Gujarat
3. Shri Karumuri Venkata Nageswara Rao,  
Hon'ble Minister,  
Civil Supplies and Consumer Affairs  
Govt. of Andhra Pradesh
4. Dr. Anish Shah, President,  
Federation of Indian Chambers of  
Commerce and Industry (FICCI)  
Federation House, Tansen Marg,  
New Delhi 110001
5. Shri Shailesh Chandra,  
Managing Director – TMPVL & TPEM,  
TATA Motors
6. Shri G. Kamala Vardhana Rao,  
Chief Executive Officer  
Food Safety and Standards Authority  
of India (FSSAI)

\*Through video-conference

**BIS OFFICERS IN ATTENDANCE:**

1. Lt. Col Kumar Shantanu, DDG (Administration);
2. Shri Rajeev Sharma, DDG (Standardisation - I);
3. Shri H J S Pasricha, DDG (Certification);
4. Shri Chandan Bahl, DDG (IR &SCM);
5. Smt. Nishat S. Haque, DDG(Laboratory);
6. Shri P. Rajesh, DDG (PRT, ITS & TNM);
7. Shri Vinod Kumar, DDGF;
8. Smt. Chitra Gupta, DDG (P & C, FMCD, Hallmarking registration)
9. Smt. Smitha G Nair Head (DPR);
10. Shri Ajay Tewari, Head (LRMD);
11. Shri Deepak Kumar Singla, Head (CMD - I);
12. Shri Praveen Kumar, Head ( P & C);
13. Shri Koushik Dutta, Head (PBOL);
14. Shri Suman Kumar Gupta, Head (PTBO);
15. Ms Alka, Secretary (Bureau Secretariat);
16. Shri Kranti Singh, DD (PRD);



## 8<sup>th</sup> GC Meeting

# Reform, Perform, Transform and Inform

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20<sup>th</sup> September 2024

# BUREAU OF INDIAN STANDARDS – THE JOURNEY

## ISI

Indian Standards  
Institution (ISI) was  
set up on  
6 Jan 1947

1947

## BIS ACT

1986

gave statutory status  
to BIS on  
1 April 1987

1986

## BIS ACT

2016

enforced on  
12 October 2017  
makes BIS the  
National Standards  
Body of India.

2016

## ISI Mark

1952

Certification  
Mark Scheme  
was launched

## HALLMARKING

2000

Hallmarking Scheme  
was launched

# **HUM BIS COLLABORATION AND DESIRED DESTINATION**

# Hum BIS, Collaboration And Desired Destination

(VIDEO) Hum BIS, Collaboration And Desired Destination



**SYNERGY WITH CENTRAL AND STATE GOVERNMENTS**

# Standardization Cells – Ministries

## Standardisation Cells in Ministries/Departments: 35

Sl No	Ministry/Department	Sl No	Ministry/Department
1	Ministry of Ayush	19	Ministry of Electronics and Information Technology
2	Department for Promotion of Industry and Internal Trade	20	Ministry of Mines
3	Department of Agriculture and Farmers Welfare	21	Ministry of Coal
4	Department of Animal Husbandry and Dairying	22	Ministry of Environment, Forest and Climate Change
5	Department of Atomic Energy	23	Ministry of Food Processing Industries
6	Department of Biotechnology	24	Ministry of Housing and Urban Affairs
7	Department of Chemicals and Petrochemicals	25	Ministry of Micro, Small and Medium Enterprises
8	Department of Defence	26	Ministry of Ports, Shipping and Waterways
9	Department of Drinking Water and Sanitation	27	Ministry of Power
10	Department of Empowerment of Persons with Disabilities	28	Ministry of Textiles
11	Department of Heavy Industry	29	Ministry of Women and Child Development
12	Department of Posts	30	Research Designs and Standards Organization (RDSO)
13	Department of Rural Development	31	Ministry of Road Transport and Highways
14	Department of School Education and Literacy	32	Ministry of Steel
15	Department of Science and Technology	33	Ministry of Tourism
16	Department of Scientific and Industrial Research	34	Ministry of Statistics & Programme Implementation
17	Department of Social Justice and Empowerment	35	Ministry of Home Affairs (Bureau of Police Research)
18	Dept of Fisheries		

# Annual Programme on Standardisation (APS)

**“Annual Programme on Standardization (APS) prepared** by Bureau of Indian Standards(BIS)” based on following:-

- Need based
- Identifying the gaps with existing
- Inputs received from Central Ministries/Departments
- Inputs received from Industry Associations
- Items having high import values but lack standardization to curb cheap quality imported products.

## **APS is dynamic**

*New work item suggestions are always welcome in which Ministries/Departments require standardization.*

**(VIDEO) Annual Programme on  
Standardisation (APS)**

# Mapping of Indian Standards to Schemes/Missions of Government of India

- Mapped more than **3200 Indian Standards** towards **75 Schemes/Missions** of Government of India.
- There are following key advantages:
  - Products procured by Central/State Government for implementation of schemes/missions are of right quality and adhere to Indian Standards.
  - Wherever there are certain processes/services involved, the executive departments follow right code of practice
  - Help in identification of gap areas in timely manner if standard is not available for certain products/processes/services
  - For future schemes/missions, Government departments can proactively get involved with BIS for providing the necessary assistance pertaining to standardisation needs related to upcoming schemes/missions.

(VIDEO) Mapping of Indian Standards

# Meeting with Standardisation Cells

In continuation to the series of meetings on Annual Programme for Standardization, last round of meetings was conducted with Standardization Cells in Ministries.

- **Meeting on 21 August 2024:** DPIIT, DCPC, DHI, Department of Posts, Department of Higher Education, Ministry of Coal, Ministry of Food Processing Industries, Ministry of MSME, Ministry of Textiles, RDSO, Lucknow, Ministry of Road Transport & Highways, Ministry of Steel and Ministry of Mines.
- **Meeting on 04 September 2024:** DRD, MoHUA, DDWS, MoWCD, Department of Agriculture & Farmer Welfare, Department of Animal Husbandry & Dairying, Fisheries, Department of School Education and Literacy, DEPwD, Ministry of Ayush, Department of Sports, Ministry of Tourism, Ministry of Health & Family Welfare, Department of Atomic Energy, Defence, Department of Biotechnology, Ministry of Ports, Shipping and Waterways, Ministry of Environment, Forest and Climate Change, DST, DSIR, MeitY, Ministry of Power, Ministry of Home Affairs, Ministry of Civil Aviation, ISRO, Earth Sciences, MNRE, MoSPI, Department of Financial Services, Expenditure, Revenue, Corporate Affairs, Department of Administrative Reforms & Public Grievances, DoT.

(VIDEO) Meeting with  
Standardisation Cells

# Training of Government Officials

- Govt. officials from various Departments/Authorities are trained about BIS standards and conformity assessment which can help in procurement and other activities and general awareness
- So far:

Year	No.of Programmes	Government Bodies
2023-24	22	AAI , SAIL, OIL and Gas Organizations , FCI, Railways, Power, NACIIN, Defence, DCPC, PWD, Municipal Corporation, Irrigation , Education, Agriculture, PHED, Health Rural Development and SDBR
2024-25(Till date)	7	Fire department from various State Govt, Town planning, SDMA, Etc.
2024-25 (Scheduled)	9	Rural Development Department, PWD, SDMA, Agriculture, Irrigation, State Administrative Training Institutes, Municipal Corporation, Power, PHED, Etc.

# Training Programme For The Officials Of Govt. Organisations

(VIDEO) Training Programme For The Officials Of Govt. Organisations

# State Level Committee On Standardisation

- State Level Committee on Standardisation (the SLC) are instrumental in creating a vibrant quality ecosystem by involving State Governments in the promotion of standards.
- SLCSs bring together local stakeholders—government bodies, industry associations, and consumer groups—to address regional challenges and ensure standards are effectively implemented.
- As on date, a total 35 nos. of SLC constituted.
- SLC Meetings Held – 25
- SLC Meetings Planned - 14



# Major Takeaways Of State Level Committee Meetings

- Directions issued for insisting compliance to Indian Standards or Standard Mark in procurements.
- Key departments identified for formation of Standardization Cells.
- Decision taken to issue directions to Education Department for formation of Standards Clubs in Government Schools.
- Annual Training Calendar of BIS was shared with State Government Officials.
- Decision for designing and inclusion of Course on IS 17482 Piped Drinking Water Management System, training schedule and module to be prepared by BIS.
- Other Department Specific Training/Sensitization Programs planned for helmets, QCOs, Procurement Policy etc.
- Direction issued by Uttarakhand Chief Secretary to all government officials to join BIS WhatsApp group for easy information dissemination.

# State Level Committee On Standardisation





# State Level Committee On Standardisation





# State Level Committee On Standardisation



Galaxy S22 Ultra



Galaxy S23



Galaxy S23

सारा-शहर

जम्मू

## उपभोक्ता हितों की सुरक्षा सुनिश्चित करने के लिए लगातार निरीक्षण करें : अटल इन्द्र

जम्मू, स्टेट समाचार

मुख्य सचिव, अटल इन्द्र ने आज भारतीय मानक ब्यूरो के स्थानीय अध्यक्ष के मानकीकरण एवं गुणवत्ता नियंत्रण के लिए युटी स्तरीय समिति की पहली बैठक की अध्यक्षता की, जिसका कार्य देश भर में एक मजबूत 'गुणवत्ता पारिस्थितिकी तंत्र' स्थापित करने के लिए महत्वपूर्ण वस्तुओं और सेवाओं के लिए उच्चतम मानकों को बनाए रखना है। बैठक में उप महानिदेशक बीआईएस (उत्तर), सचिव उद्योग एवं वाणिज्य, आयुक्त खाद्य सुरक्षा संगठन, जीएम एनएचपीसी, आरएंडबी, सिडको, सिकोप, कश्मीर/जम्मू चैंबर ऑफ कॉमर्स एंड इंडस्ट्रीज, उपभोक्ता संरक्षण के प्रतिनिधि और अन्य संबंधित अधिकारी शामिल हुए। इस बैठक में बोलते हुए मुख्य सचिव ने संबोधित संगठन को मानकीकरण कानून के दायरे में आने वाले ऐसे उत्पादों और सेवाओं से संबंधित



मानकीकरण एवं गुणवत्ता नियंत्रण हेतु पहली युटी स्तरीय समिति की अध्यक्षता की

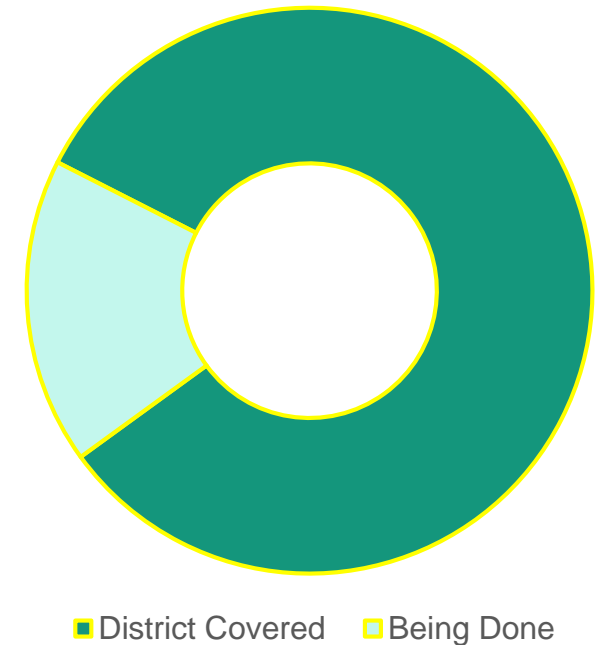
सभी व्यावसायिक प्रतिष्ठानों का लगातार निरीक्षण करने के लिए प्रेरित किया। उन्होंने खाद्य, नागरिक आपूर्ति और उपभोक्ता मामले विभाग को जिला स्तरीय प्रकोष्ठों की स्थापना के लिए काम करने पर जोर दिया, जैसा कि उपभोक्ता अधिकारों की रक्षा के लिए राष्ट्रव्यापी अभियान है। मुख्य सचिव ने उनसे लोगों के बीच इसके बारे में जागरूकता पैदा करने का भी आग्रह किया ताकि वे भी लोगों द्वारा प्राप्त वस्तुओं और सेवाओं के संबंध में इस संगठन द्वारा अनुशंसित राष्ट्रीय मानकों से परिचित हों। आर्थिक विकास को बढ़ावा देने, सार्वजनिक सेवाओं में सुधार करने और जम्मू-कश्मीर में उपभोक्ताओं की सुरक्षा के लिए राष्ट्रीय मानकों का पालन सुनिश्चित करने के महत्व पर भी जोर दिया। बैठक के दौरान, सुरक्षा, गुणवत्ता और उपभोक्ता संरक्षण को बढ़ावा देने के लिए जम्मू और कश्मीर में विभिन्न क्षेत्रों में मानकों के कार्यान्वयन को मजबूत करने पर चर्चा की गई। समिति ने केंद्र शासित प्रदेश के भीतर सरकारी नीतियों,

युनियानी बांचे और उद्योगों में भारतीय मानकों के एकीकरण के लिए नए अवसरों की पहचान हेतु चल रही पहलों की समीक्षा की। बीआईएस की उप महानिदेशक (उत्तर) कोह लता ने बीआईएस की गतिविधियों और मुख्य एजेंडा बिंदुओं का अवलोकन प्रस्तुत किया। उन्होंने राज्य के प्रयासों का समर्थन करने में बीआईएस की भूमिका के बारे में महत्वपूर्ण जानकारी दी और विशेष रूप से युटी के उपभोक्ता अधिकार संरक्षण के लिए महत्वपूर्ण क्षेत्रों में क्षमता निर्माण पहलों को सुविधाजनक बनाने के लिए बीआईएस की प्रतिबद्धता को दोहराया। मानकीकरण के लिए राज्य स्तरीय समिति विभिन्न हितधारकों के साथ समन्वय करके, देश भर में महत्वपूर्ण वस्तुओं और सेवाओं के गुणवत्ता नियंत्रण को सुनिश्चित करने के अलावा उद्योगों और क्षेत्रों के समग्र विकास को सुनिश्चित करके युटी भर में मानकीकरण को बढ़ावा देने और लागू करने में महत्वपूर्ण भूमिका निभाती है।

# District Level Sensitisation Programmes

- At the district level, BIS conducts sensitization programs for officials and departments like PWD, Agriculture, and Railways.
- These workshops are designed to help them understand and adopt the standards that are relevant to their fields. Through detailed presentations on quality ecosystems, BIS certification, and the BIS Care App, these programs empower local officials to ensure that government schemes and programs adhere to the highest standards.
- As on date, **total 660 nos. of districts** are covered across the country for District Level Officials sensitization programmes covering more than 85% of districts across the nation.

District Level Sensitisation



# Sensitisation Of GP Presidents And Secretaries

- At the grassroots level, BIS is fostering a culture of standardisation by sensitizing Gram Panchayats. This initiative ensures that village leaders understand the importance of Indian Standards in implementing government programs effectively.
- More than 2.5 lakh letters and bilingual booklets have been sent to Gram Panchayats across the country, outlining crucial Indian Standards.
- Training programs are conducted at block and district levels, reaching over **1,83,000 Panchayats**.

# Sensitisation Of GP Presidents And Secretaries

(VIDEO) Sensitisation Of GP Presidents And Secretaries

**SYNERGY WITH ACADEMIA**



# Chairs On Standardisation In 17 Premier Institutions

- IISc, IITs (BHU, Bombay, Gandhinagar, Guwahati, Indore, Jaipur, Kanpur, Dhanbad, Kharagpur, Madras, Patna, Roorkee),
- NITs (Calicut, Trichy, Rourkela),
- G B Pant University of Agriculture and Technology



## MoU With Another 75 Institutions

Indian Institute of Technology Jammu	Indian Institute of Management Mumbai	Indian Institute of Engineering Science and Technology Shibpur WB	National Institute of Technology Delhi
COEP Technological University Pune	National Institute of Technology Agartala	College of Engineering Andhra University Visakhapatnam	National Institute of Technical Teachers' Training and Research (NITTTR) Bhopal
Gaya College of Engineering	Government College of Engineering Amravati	Banasthali Vidyapith Rajasthan	.....

## Signing Of MoU With Partner Institutes - Few Glimpses



# Faculty Sensitization and Education outreach

- Faculty sensitization programs have been held in more than 80 partner MoU institutes
- A nodal officer from BIS as well as the partner institute has been nominated for coordinating the knowledge exchange programs and implementing the objectives laid down in MoU in its real earnest.
- Sensitization programs for the faculty members have been carried out by BIS officers. The teams apprised them about the digital platforms of BIS including academic dashboard wherein the faculty members and research scholars can participate in standards development & review process and also download BIS standards/relevant information free of cost.

(VIDEO) Faculty Sensitization and Education outreach



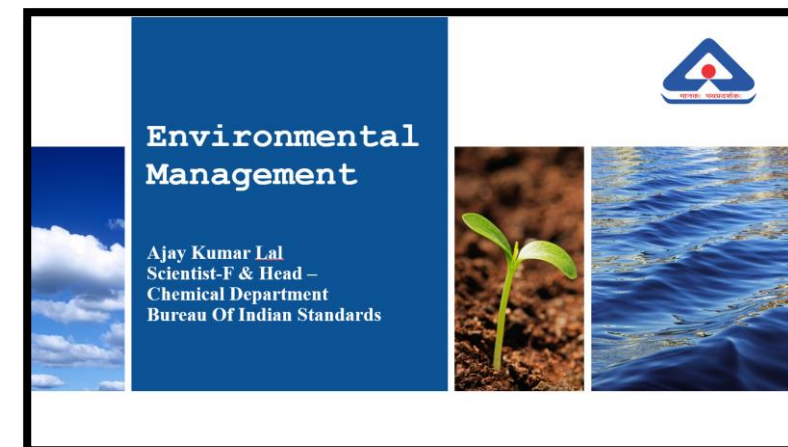
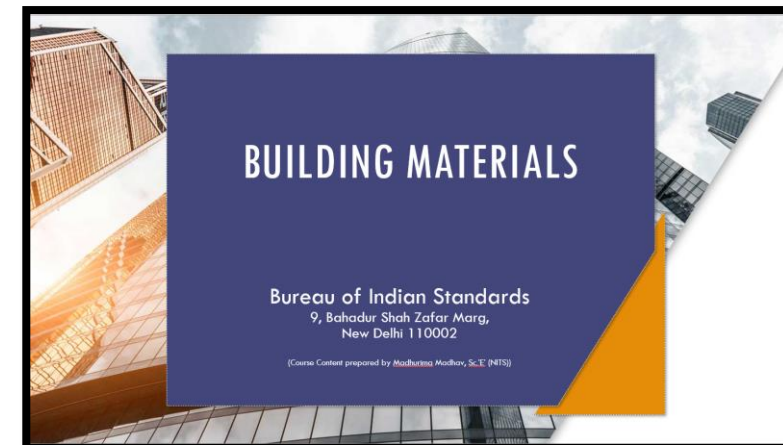
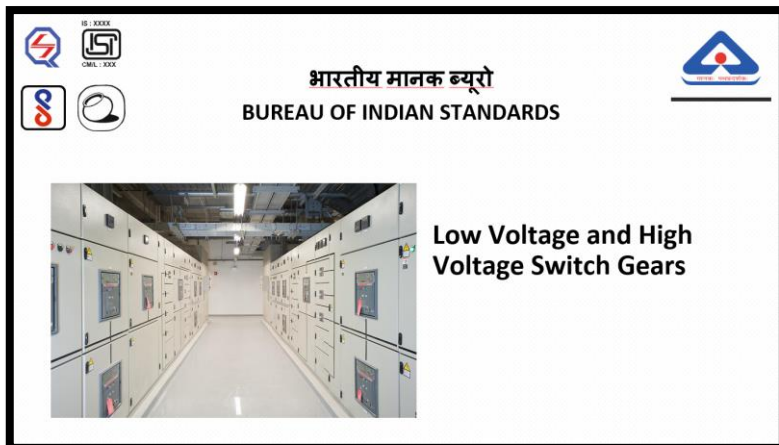
# Annual Convention With Deans And HoDs

S. No.	Dates	Convention
1	23-24 Aug 2024	Annual Convention with Deans and HoDs of Civil Engineering Department of MoU Partners
2	23-24 Aug 2024	Annual Convention with Deans and HoDs of Chemical Engineering Department of MoU Partners
3	30-31 Aug 2024	Annual Convention with Deans and HoDs of Electrical Engineering Department of MoU Partners
4	20-21 Sep 2024	Annual Convention with Deans and HoDs of Mechanical Engineering Department of MoU Partners
5	27-28 Sep 2024	Annual Convention with HoDs of Metallurgical Engineering Department of MoU Partners
6	27-28 Sep 2024	Annual Convention with HoDs of Computer Science and Electronics Departments of MoU Partners

(VIDEO) Annual Convention With Deans And HoDs

[illegible][illegible]

# Annual plan of action for Technical Sessions on Indian Standards.





# Reference Handbooks





# Reference Handbooks



# SYNERGY WITH INDUSTRY

# Standardization Cells – Industry Associations

## Standardisation Cells in Industry Associations: 96

Sl No	Industry Association	Sl No	Industry Association
1	Electronic Industries Association of India	19	Association of Synthetic Fibre Industries
2	Automotive Component Manufacturers Association of India	20	Automotive Tyres Manufacturers Association
3	Adventure Tour Operator Association	21	Ayurvedic Medicine Manufacturers Organisation of India
4	Agriculture Machinery Manufacturers Association	22	Cement Manufacturers Association
5	All India cycle Manufacturers Association	23	Central Institute of Road Transport
6	All India Flat Tape Manufacturers Association	24	Cloud Computing Innovation Council of India
7	All India HDPE/PP Woven Fabric Manufacturing Association	25	Confederation of Indian Food Trade and Industry
8	All India Rubber Industries Association	26	Confederation of Indian Footwear Industries, Karnataka, Kerala, Tamilnadu, New Delhi
9	Aluminium Secondary Manufacturers Association	27	Confederation of Indian Textile Industry
10	Aluminium Association of India	28	Consumer Electronics and Appliances Manufacturers Association (CEAMA)
11	Aluminium Secondary Manufacturers Association	29	Crop Life India
12	Association of Diagnostics Manufacturers of India	30	Delhi Printers Association
13	Association of Fly Ash Products Manufacturers	31	Electrical Contractors Association of Maharashtra
14	Association of Furniture Manufacturers and Traders India	32	Electrical Research and Development Association
15	Association of Healthcare Providers	33	Engineering Export Promotion Council
16	Association of Manufacturers of Ayurvedic Medicine	34	Federation of Indian plywood and Panel Industry
17	Association of Multi Modal Transport Operators of India,	35	Federation of All India Packaged Drinking Water Manufacturers Associations (FIPMA)
18	Association of State Road Transport Undertakings	36	Federation of Freight Forwarders

# Standardization Cells – Industry Associations

## Standardisation Cells in Industry Associations: 96

SI No	Industry Association	SI No	Industry Association
37	Federation of Indian Chambers of Commerce and Industry	55	Indian Flameproof Manufacturers Association
38	Federation of Safety Glass	56	Indian Footwear Components Manufacturers Association
39	Fire & Security Association of India	57	Indian Homoeopathic Drug Manufacturers Forum
40	Fire Protection Association of India	58	Indian Jute Mills Association
41	Fluid Power Society of India	59	Indian Library Association
42	Footwear Manufactures Association of Kerala	60	Indian National Ship-Owners Association
43	G S Enterprises	61	Indian Pipe Manufacturing Association
44	GAS Industries Association	62	Indian Plastics Institute Foundation
45	Glazing Society of India	63	Indian Printing Packaging and Allied Machinery Manufacturers Association
46	Homoeopathic Pharmaceutical Association of India	64	Indian Society of Heating, Refrigerating and Air Conditioning Engineers,
47	India Battery Swapping Association	65	Indian Stainless Steel Development Association
48	India Convention Promotion Bureau	66	Indian Transformers Manufacturers Association
49	Indian Association of Hallmarking Centres	67	Indian Tyre Technical Advisory Committee
50	Indian Beauty & Hygiene Association	68	Irrigation Association of India
51	Indian Chemical Council	69	Laghu Udyog Bharati - Sports Leather
51	Indian Diesel Engine Manufacturers Association	70	Manufacturers Association for Information Technology(MAIT)
53	Indian Exhibition Industry Association (IEIA)	71	Material Recycling Association of India (MRAI)
54	Indian Finished Leather Manufacturers and Exporter	72	Media and Entertainment Association of India

# Standardization Cells – Industry Associations

## Standardisation Cells in Industry Associations: 96

SI No	Industry Association	SI No	Industry Association
73	National Federation of Engineers for Electrical Safety	91	The Travel Agents Association of India
74	Pavers and Blocks Manufacturers Association	92	Tractor and Mechanization Association
75	Pesticides Manufacturers and Formulators Association of India	93	Unani Drug Manufacturers Association
76	PET Packaging Association for Clean Environment	94	UPVC Windows and Doors Manufacturers Association
77	Preventive Wear Manufacturers Association of India	95	Water Management & Plumbing Skill Council
78	Protein Foods and Nutrition Development Association of India	96	Water Quality India Association
79	Ready Mixed Concrete Manufacturers Association		
80	Ready Mixed Concrete Manufacturers Association		
81	Rubber Footwear Manufacturers Association		
82	Safety Appliances Manufacturer's Association		
83	Shipyards Association of India		
84	Society of Indian Automobile Manufacturers (SIAM)		
85	Spun Pipe Manufacturers Association of Maharashtra		
86	Tamil Nadu Ayurveda, Siddha, Unani Drugs Manufacturers Association		
87	The All India Glass Manufacturers Federation		
88	The Fertilizer Association of India		
89	The Southern India Mills Association, Coimbatore		
90	The Tobacco Institute of India		

# Manak Manthan

- **Manak Manthan meetings are held by all the Branch Offices regularly on monthly basis on the identified draft documents and new standards as well as important documents related to revision/ amendment of existing standards.**
- **Through this approach BIS intends to take the process of standardization closer to the users for encouraging faster adoption and simultaneously taking feedback on anticipated challenges.**
- **Encouraging BIS officers posted in Branch Offices to keep themselves abreast with development of new standards, so as to enable them to cater to the needs of the stakeholders under their jurisdiction in a holistic manner.**

**(VIDEO) Manak Manthan**

# Manak Manthan

(VIDEO) MANAK MANTHAN

# Manak Samwad

(VIDEO) Manak Samwad



# NURTURING YOUNG AMBASSADORS

# NURTURING YOUNG AMBASSADORS

(VIDEO) NURTURING YOUNG AMBASSADORS

# Standard Clubs

(VIDEO) Standard Clubs

# Online Quizzes And Activities



Even kids know that   
Mark is Mandatory on Toys



When you find a **substandard product** through the BIS Care App



**Friend forgets to verify the product in the BIS Care App**

Le Me:



# Online Quizzes And Activities



**Bureau of Indian Standards**  
@indianstandards

**When you get a cable without checking the  Mark**



**To prevent this ⚡**



**Use this**



**Check  Mark on Socket and Cables before purchase**

HUM BIS



# Hum BIS

**~2 lakh**

Jewellers

**70000+**

Industry

**2000+**

employees

**10000+**

Technical  
Experts

**5000+**

Govt.  
Officials

**1600+**

AHCs

**10000+**  
Standards  
Clubs

**~3 Lakh**  
Students

**100+**

Premier  
technical  
institutions

**~2000**

RP

**2.5 lakh+**

Gram  
Panchayats

**~300**

COs & NGOs





# PROCESS REFORMS

# Process Reforms in Standardisation

- Committee Meetings to be held as planned, changes to be made only in inevitable circumstances
- Recording of Resolution immediately after the SC meeting.
- Mandatory Briefing of/ and debriefing by the experts nominated to international meetings
- Sectional Committees to identify Indian Standards to be proposed as NWIPs at the ISO/IEC level.
- New standard or review of existing standard should be with an ARP or R&D project.
- Working Panel to have defined scope and duration
- Number of members /experts in Working Group restricted to max. five

# Process Reforms in Standardisation

- Mandatory to attend the Onboarding Programme (OP) for the membership of SC.
- Member to sign a declaration, as prescribed by the BIS, affirming their commitment to carry out the responsibilities of a Sectional Committees member .
- Disqualification criteria for membership to SC is defined based on attendance
- Mandatory to Comment on P-draft
- Policy of archiving of standards not in use while the review of standards
- Sectional Committees are required to prepare the Annual Programme for Standardisation (APS)
- Practice of preparing the Annual Calendar of SC meetings has been introduced

# TC members training at NITS

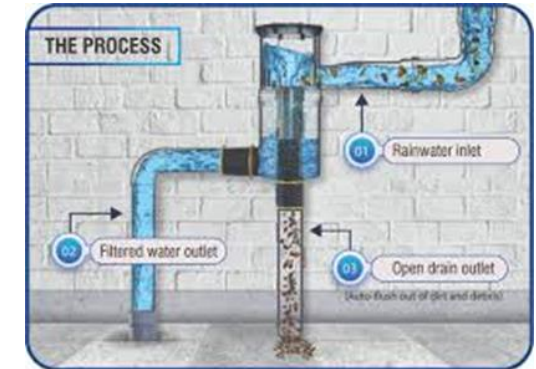
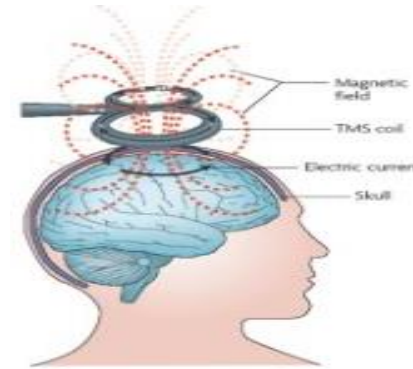
(VIDEO) TC members training at NITS

# R & D FOR STANDARDISATION

# R&D Projects

BIS has awarded 129 R&D projects to various institutes and organizations. Some of them are listed below:

- Development of test method(s) for determination of degree of milling of rice
- Preparation of Test Method for Vertical Fatigue Testing of Suspension Fork for Bicycles
- Study on Shelf-life assessment of shell eggs.
- Comprehensive study on 'Intelligent & Connected LED Lighting Systems'
- Study of Toxicological effect of colorants and pigments in plastics feeding bottle on infant health.
- Filter for Roof Top Rain Water Harvesting & Groundwater Recharge
- Study of the general and functional requirements of High Tech – Repetitive Transcranial Magnetic Stimulator (RTMS)
- Study for Management of Mobile Applications' Permissions



# Showcase BIS's research and development efforts

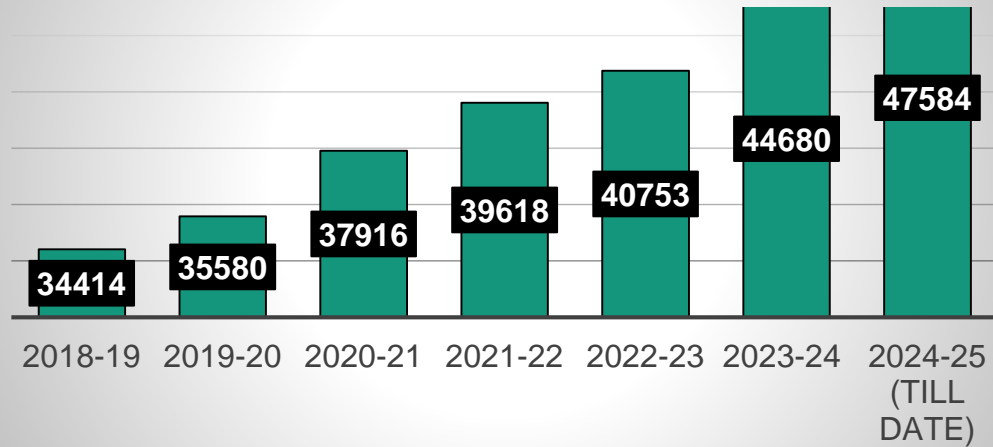
(VIDEO) Showcase BIS's research and development efforts



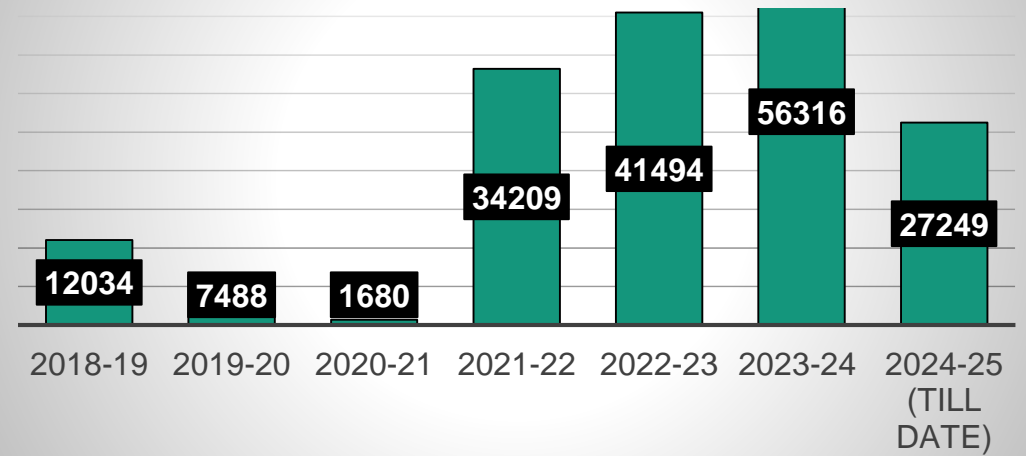
# CONFORMITY ASSESSMENT

# PRODUCT CERTIFICATION (IN INDIA)

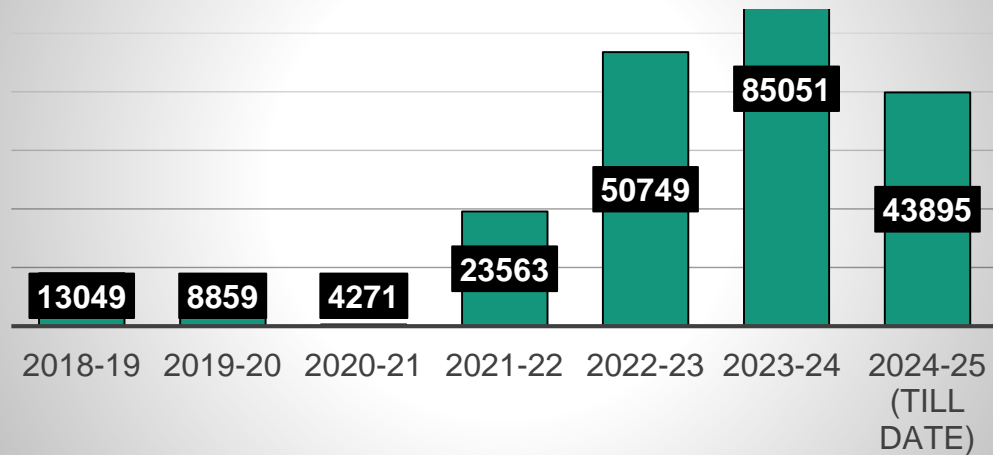
## No of Licences



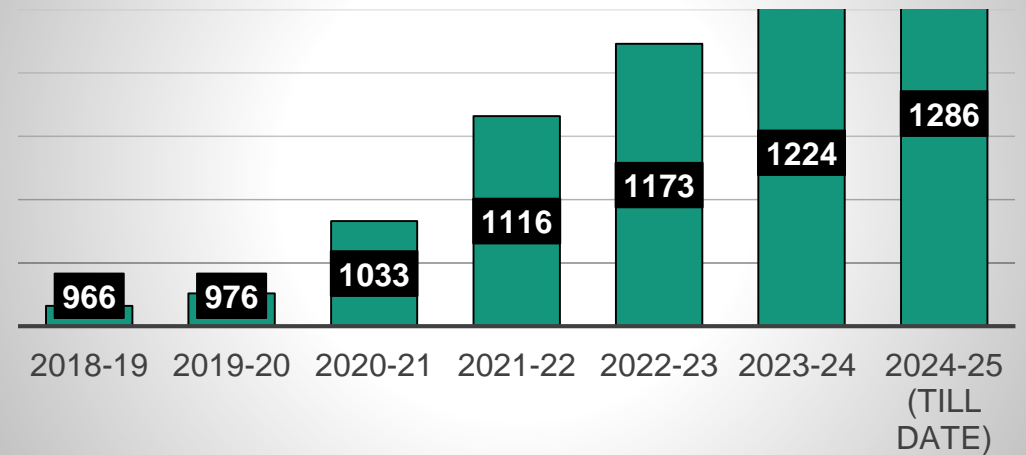
## Factory Surveillance



## Market Surveillance



## Products under Certification



# TECHNICAL REGULATIONS/QUALITY CONTROL

QCOs for BIS certification	QCOs implemented	QCOs under implementation	Total QCOs
Scheme - I	116 QCOs 512 products	50 QCOs 138 products	166 QCOs 650 products
Scheme - II	5 QCOs 71 products	1 QCOs 2 products	6 QCOs 73 products
Scheme - X	-----	1 QCO + <b>OTR</b> 8 products + 20 categories of machinery/electrical equipments	1 QCO + <b>OTR</b> 8 products + 20 categories of machinery/electrical equipments
Hallmark	1 QCO 1 product	-----	1 QCO 1 product
Total	122 QCOs 584 products	52 QCOs + <b>OTR</b> 148 products + 20 categories of machinery/electrical equipments	174 QCOs + <b>OTR</b> 732 products + 20 categories of machinery/electrical equipments

# New Indian Standards For Compulsory Certification

- Omnibus Technical Regulations (OTR) for machinery and electrical equipments safety
  - Notified by DHI recently
  - [20 Broad categories](#) - more than 440 products
  - To ensure safety of machineries as per Standards
- Horizontal QCO on electrical safety as per IS 302 Part 1 *“Safety of household and similar electrical appliances, Part 1: General Requirements”*
  - Applicable to all household electrical appliances ( $1\phi \leq 250 \text{ V}$  or  $3\phi \leq 415 \text{ V}$  )
  - Illustrative list of [86 electrical items](#) like - Vacuum cleaner, dishwasher, coffee-maker, Electrical Shavers, Frying Pans, Deep Fat Fryers, Warming plates, Massage appliances
- 692 products identified in 2022
  - QCOs for 274 products notified
  - Remaining 418 under process with line Ministries/Departments

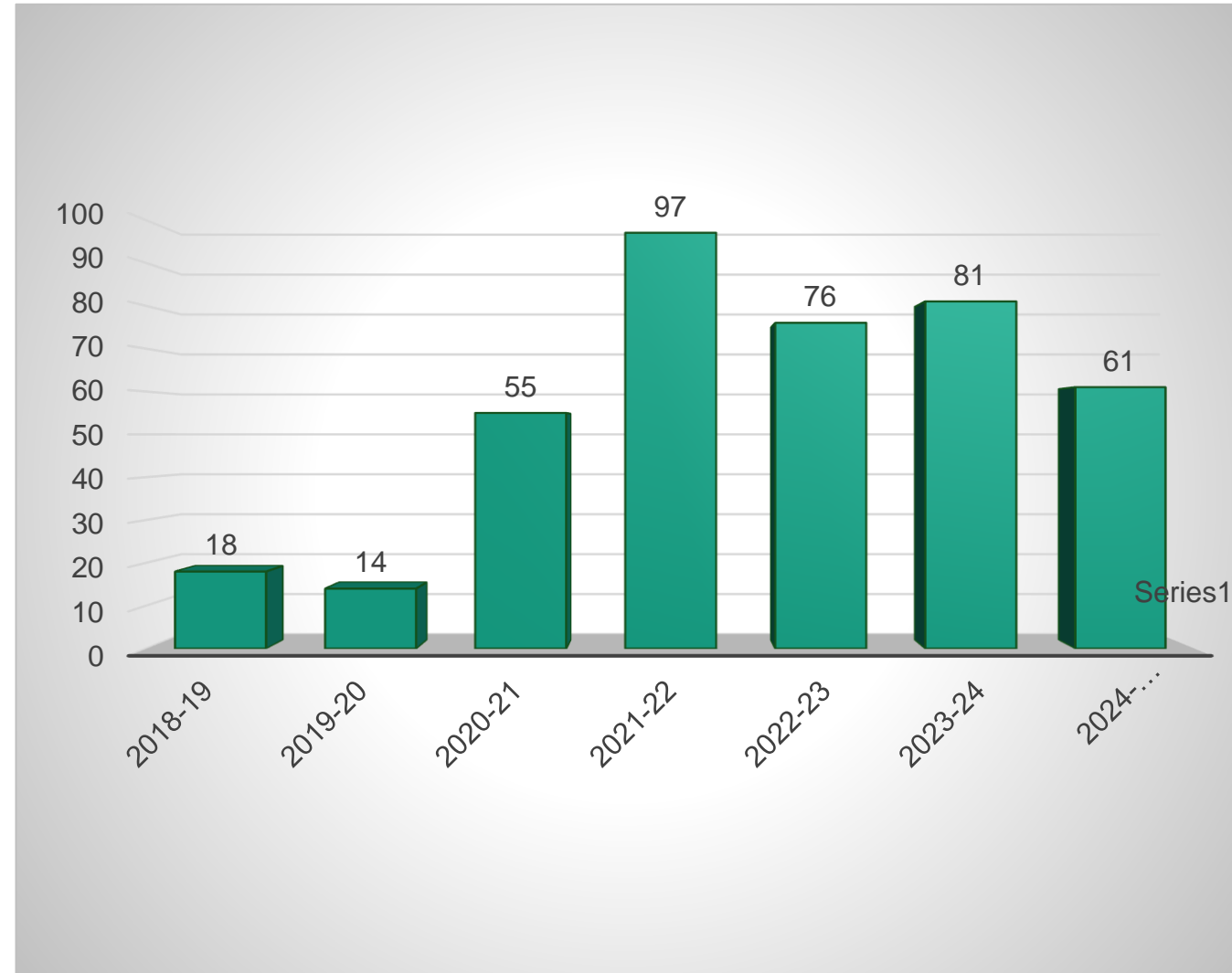
# New Indian Standards For Compulsory Certification

- 107 more Indian Standards identified in 2023
  - Important Consumer Items - Fire Detection and Alarm System (IS/ISO 7240), Jacks for Vehicles (IS 4552), Electric Traction Motors (IS 18073), Cotton Khadi Durries (IS 17549)
  - Newly developed and revised standards - Protective equipments for martial arts (IS 17791), Food Serving Utensils made from Agri by-products (IS 18267), Rubber or Plastics Coated Fabrics for Water Resistant Clothing (IS 3322)
- 128 more Indian Standards identified in 2024
  - Live Working- Electrical Insulating Blankets (IS 18320), Automatic Sprinkler Heads for Fire Protection Service (IS 9972), Bullet resistant security glass - Quality and performance (IS 18518), Plastic Chairs for General Purposes (IS 13713), Live working insulating ropes (IS 18504), Live working ladders of insulating material (IS 18506), Drywall Screws (IS 18507), Chipboard Screws - (IS 18508), Foundry Nickel - (IS 2391), Chrome Manganese (IS 3012)



# ALL INDIA FIRST PRODUCT CERTIFICATIONS

- Few recent examples:
  - Insulated Flask for Domestic use
  - Domestic electric clothes washing machines
  - Electrical Appliances- Tumbler Dryers
  - Copper wires for general engineering purposes
  - Shoes for General Purpose
  - Medical Textiles – Shoe Covers



# Reforms & Initiatives – Product Certification (India)

- Manakonline Portal for Certification Activities
- Fast Track Certification (within 30 days under simplified procedure)
- Automated Renewal of BIS certification
- Option for Easy Re-Entry of BIS certification
- Creation of Dashboard for Transparency & Monitoring
- Accredited agencies engaged with BIS
  - Factory inspection activities
  - Back-end documentation review work
- Mobile app based Surveillance with Geo-tagging & Geo-fencing
- Risk Based Surveillance — To focus on non-compliant manufacturers

# MSMEs- Implement standards to promote quality consciousness

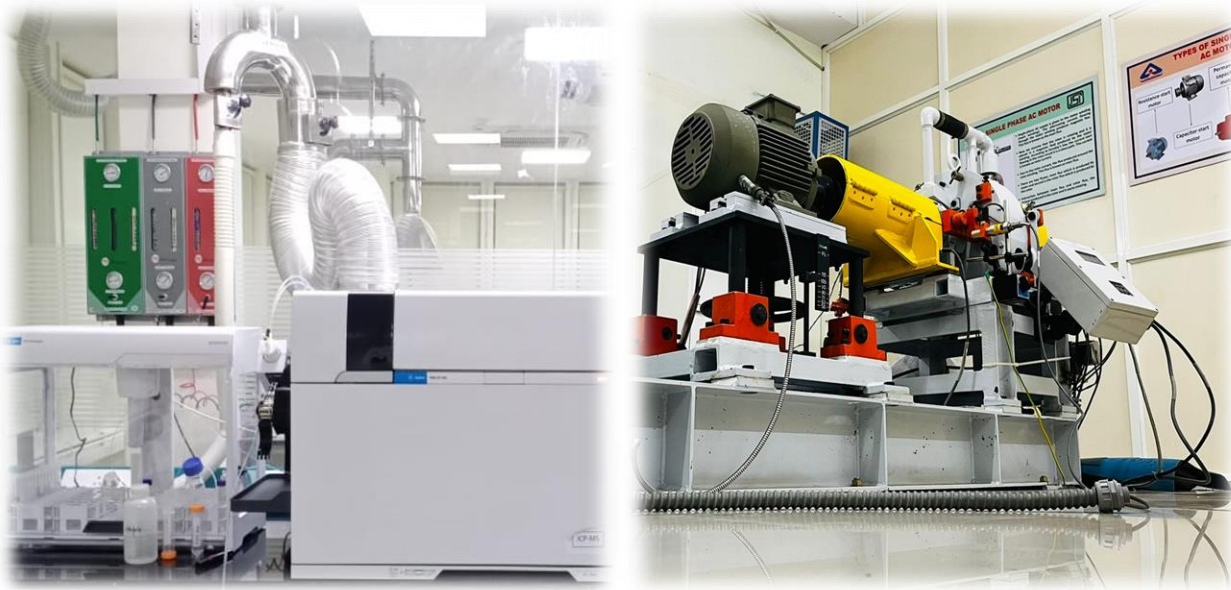
- Relaxation to MSME manufacturers
  - Setting up in-house laboratory – Relaxed for MSME
  - Option to utilize services of BIS recognized, Empaneled or NABL accredited labs for operation of Licence
  - Scheme of Inspection and Testing (SIT) made recommendatory
  - Manufacturer have option to accept recommended SIT OR declare own Quality Assurance Plan (QAP)
- Exceptions for critical products related to consumer safety
  - Food products and cement
  - PESO regulated products under lot inspection
  - Products with certifications operated on factory testing basis

# MSMEs- Implement standards to promote quality consciousness Continued..

- Rationalisation of minimum marking fees
  - Concession for small scale units enhanced to 50%
  - Concession for start-up raised to 80% as that of micro scale units
- Empowering district administration for enforcement functions
  - Proposal taken up with the Central Government
- Compounding of 1st offence
  - Trust-based governance - Jan Vishwas initiative of the Government
  - Rationalisation of compounding amount
    - Under discussion with the Central Government

# LABORATORY OPERATIONS

# Laboratory Services Ecosystem of BIS



- ❑ 10 BIS Captive laboratories.
  - CENTRAL LAB: 01  
(Sahibabad – The first to be set up in 1962)
  - REGIONAL LABS: 04  
(Chennai, Kolkata, Mohali & Mumbai)
  - BRANCH LABS: 03  
(Bangalore, Guwahati & Patna)
  - SATELLITE LABS: 02  
(Hyderabad, Jammu)
- ❑ 08 Referral laboratories of BIS for Gold/Silver Assaying
- ❑ 333 outside recognized laboratories.
- ❑ 269 specialized Government laboratories empaneled by BIS of which 60 are active in BIS LIMS.



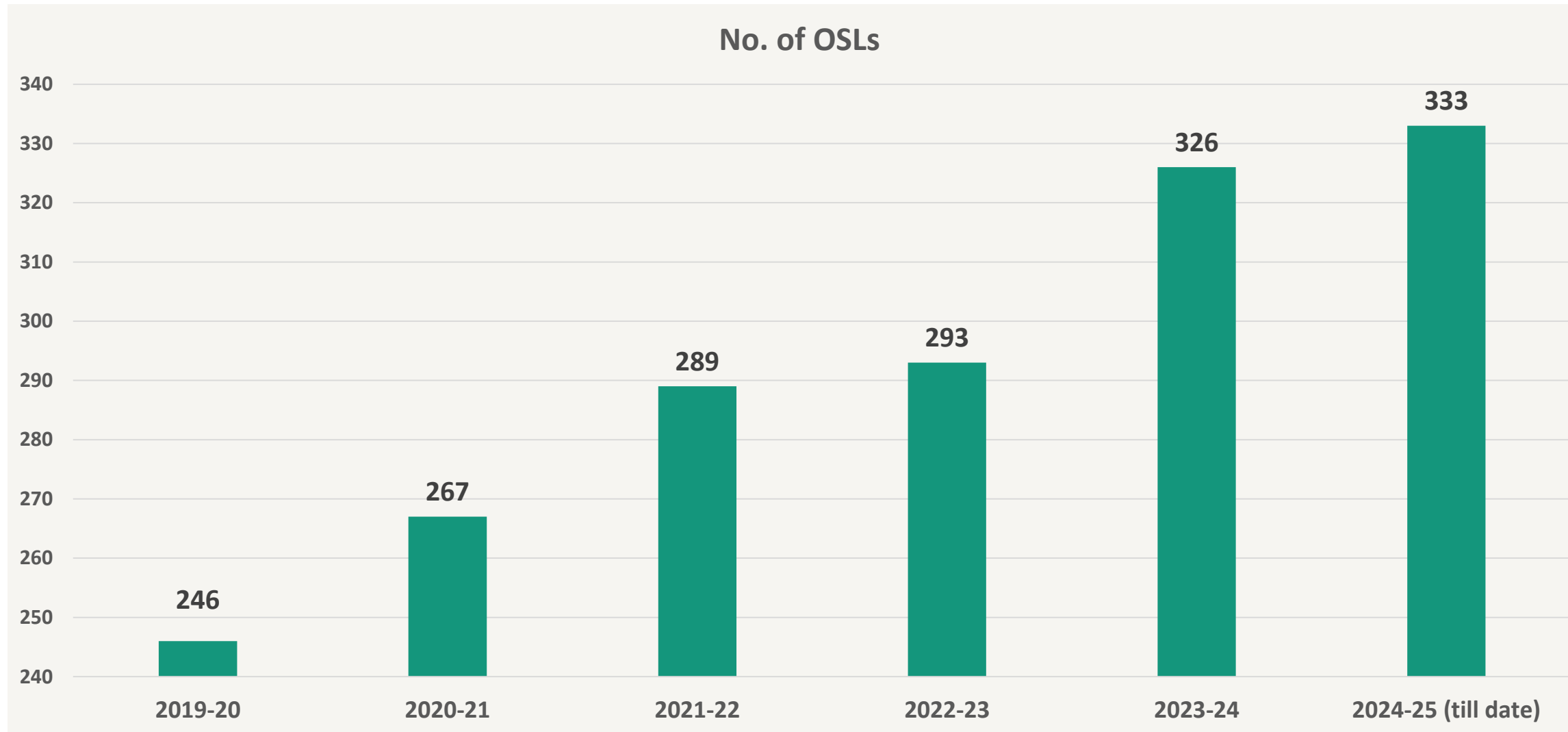
# Salient Features of BIS Laboratory Operations :

- ▶ **Major Testing Facilities available in BIS Laboratories** : BIS own laboratories have testing facilities for major consumer items such as PDW, Cement, Steel and Metals, Cables, Switches, Food Products, etc.
- ▶ **Development of Testing Facility** : Testing facility for 31 new products have been created for testing of samples under the Conformity Assessment Schemes of BIS including products such as Toys, Footwear, Electrical appliances, Ceiling Fans etc.
- ▶ **New Domains of Testing** : BIS Central Laboratory has created testing facilities for performance requirement of Note Sorting Machines in collaboration with RBI. Recognition of Laboratories for CCTV Cyber Security as per ER of MeitY is being carried out.
- ▶ **Modernization Activity** : Continuous upgradation of Infrastructure, Testing Equipment & Manpower of BIS Laboratories is being carried out.
- ▶ **Laboratory Information Management System LIMS** : Complete laboratory operations from receipt of the test request, starting of tests, submission of test results, and generation of test report are done online through the portal which has uniform digitized test report formats being used by all BIS Labs, OSLs and Government laboratories empanelled by BIS.
- ▶ **Next phase of Automation and Digitization in Lab operations** : Seamless connection of automated test equipment with digital data transfer facility directly with the LIMS software to ensure minimum human intervention and data safety.

## Facilitation & Capacity Enhancement:

- **Test facilities for Products being covered under Quality Control Orders** : Testing facilities are being ensured for smooth implementation of the QCOs by creation of testing facilities in BIS own Labs, inclusion of products in scope of BIS recognized laboratories and recognition of new laboratories.
- **Reduction in the Fees under LRS** : Fees structure of BIS Laboratory Recognition Scheme has been revised and recognition fees has been reduced from Rs.1,00,000.00/- to Rs.60,000.00/- for MSME and Women Entrepreneur. Inclusion application and processing fees has been done away with.
- **Empanelment of Government Laboratories** : Testing facilities available in specialized laboratories of Government Sector such as CSIR, DRDO, ICAR, Textile Committee, Universities and Colleges are being utilized by empanelment of the Government Laboratories.
- **Empanelment of Laboratories of Academic Institutions** : In case of specialized testing facilities which are not available commercially, Academic Institutions such as National Forensic Science University, Gandhinagar (Testing of performance requirement for Bullet-proof Jackets), IIT Gandhinagar and CBRI Roorkee (Testing of Fire performance on safe vaults), IIT Roorkee (Fatigue resistant test on Stainless Steel) have been approached and empanelled by BIS for such specialized testing.
- **Recognition of Laboratories of Manufacturers** : For further expanding the laboratories to include the products being brought under mandatory certification through QCOs, BIS has also granted recognition to the laboratories of prominent manufacturers in the country.
  - **Siemens (Mumbai)**, Novateur (Nashik), HPCL-Mittal (Noida), Vijai Electricals (Haridwar), Godrej (Nashik), Emami (Kolkata), Haldia Petrochemicals (Haldia), Adityapur Industrial Cluster etc.

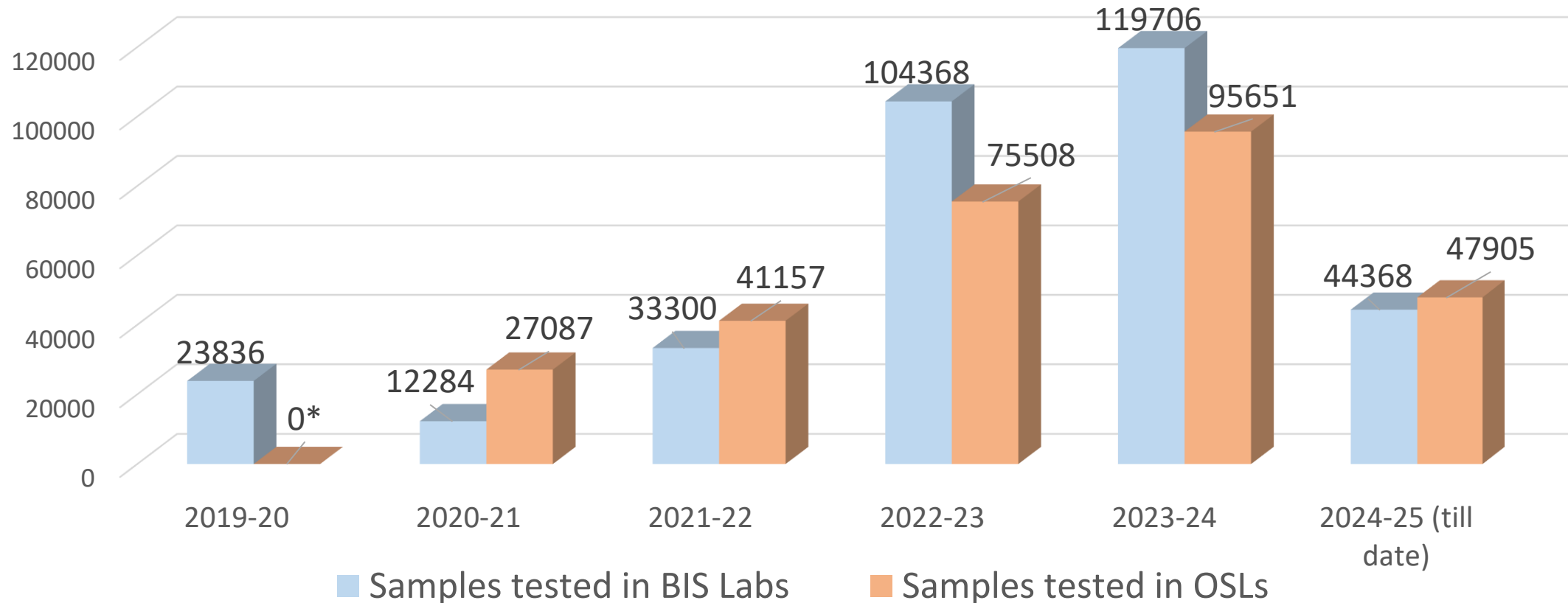
# Growth in Number of BIS Recognized Labs



# ENHANCEMENT OF OUTPUT IN LABS

- Testing Capacity has reached approx. 7000 samples per month.

Samples tested in BIS labs and outside recognised/empanelled labs (OSLs) in recent years



# Development of BIS labs as Learning Centres

- **Exposure Visits for Students and Industry:** BIS Labs have been developed as learning centres by organising interactive sessions and exposure visits for the students of schools and colleges and the quality control personnel of manufacturing industries. Over 150 exposure visits were organised in BIS labs for School/college students and industry personnel.
- **Internship Scheme :** Two-month internship scheme - **41** interns benefitted. Six-month internship programme has been initiated and **12** interns completed till date. Over 40 Interns are presently engaged in BIS labs.
- **Capacity building :** Up-skilling of BIS laboratory personnel through regular training including sharing of best International Practices in Laboratory Testing activity and visits to Large Scale Industries.
- **Exposure visits to Prominent Labs:** For identification of automated and sophisticated testing equipment for further upgradation and modernisation of BIS labs, exposure visits were undertaken by Scientific officers of BIS in Laboratories of large-scale manufacturers, reputed labs in the country and the labs in foreign countries. I
- **Consultation with Stakeholders:** Series of meetings have been organised with various stakeholders to identify the testing need of the industry with respect to the Quality Control Orders under consideration. Interaction with equipment manufacturers is being carried out to identify and develop automated testing equipment.



# DEVELOPMENT OF BIS LABS AS A LEARNING SPACE

- Training of Industry personnel
- Exposure Visits for Industry
- Exposure visits for students in BIS Labs
- Engaging interns in laboratories





## Scheme of Financial Support to other Laboratories

- Proposal for Strengthening of Cotton fibre testing infrastructure at Laboratories of Textiles Committee, Power loom Service Centres and Cotton Corporation of India Rs 38.72 Crores
- Proposal for Strengthening of the FSSAI's notified Food Testing Laboratories for Organic Food Testing including 12 FSSAI Notified State Food Laboratory and 12 FSSAI Notified Labs working under other Government Organizations Rs 116.25 Crores
- Proposal for Advancement of Metrology for Reliability, Inspection and Testing (AMRIT) submitted by National Physical Laboratory Rs 37.49 Crores
- Proposal for establishment of Robotic Mass Comparators with other equipment at RRSLs for calibration of E0 and E1 Class weights. The establishment is to be carried out in a phase wise manner after ensuring the required infrastructure at the RRSLs Rs. 100 Crores
- Proposal for creation of Integrated Test Facility for Power Transmission & Distribution Sectors including Short Circuit Test Facility of Transformers at NTH Jaipur Rs. 50.11 Crore.
- Proposal for creation of switch gear testing facility at NTH Mumbai: Rs. 5 Crore.

**TOTAL – 347.57 Cr.**

# HALLMARKING



**CHECK THESE 3 MARKINGS OF  
HALLMARK  
BEFORE BUYING GOLD JEWELLERY  
AND BE ASSURED OF ITS AUTHENTICITY**

*#HallmarkHaiToSonaHai*



BIS Standard  
Mark



Purity of Gold  
in Carats & Fineness



Six Digit Alphanumeric  
Code which will be unique  
for each jewellery article



## HALLMARKING

- ▶ Third phase of mandatory hallmarking implemented w.e.f. 06 September, 2023 in 343 districts for gold jewellery/artefacts.
- ▶ More than 4.3 lakh jewellery articles are being hallmarked per day.
- ▶ More than 40 crore jewellery pieces hallmarked since the launch of mandatory hallmarking.
- ▶ At present 1,92,141 jewellers registered with BIS while 1,613 AHCs recognized.
- ▶ During FY 2023-24, 36,546 samples of hallmarked jewellery drawn from registered jewellers have been tested till date in which more than 90% passed in the requirement.





#HallmarkHaiToSonaHai

Hallmark wala gold hai toh  
**LIFE IS GOLDEN**



BIS Standard Mark

Purity of Gold in Carats & Fineness


Six Digit Hallmarking Code which will be unique for each jewellery article

# HALLMARKING

- ▶ Post implementation of Third Phase of Mandatory Hallmarking, 18 additional districts have been covered with an AHC/OSC (Total 1613 AHC in 361 districts).
- ▶ Integration of microbalances and automation of laser and XRF machines through APIs to be implemented in phases.
- ▶ In the first phase, the automation of XRF has been implemented from 01 September 2024.
- ▶ To understand the current consumer awareness and preferences for hallmarked jewellery in non-mandatory districts a survey was conducted during September & October 2023 in which 31,156 surveys were carried out in 246 non mandatory districts across the country.
- ▶ From the survey it was observed that there is a strong consumer preference for hallmarked gold jewellery. However, it was also felt that there is a need to increase consumer awareness about the hallmarking scheme, HUID, hallmarking charges etc.

# DIGITAL SOLUTIONS

# Futuristic Standardisation Portal

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The National Standards Body of India


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Bureau of Indian Standards

## Ensuring **Quality and Safety** Standards for a Stronger India.

BIS certification signifies products meet safety and quality benchmarks, reducing the risk of harm or malfunction.

[Know More →](#)




### Know Your Standards

[Search](#)

To know more about standards:  
Agreed-upon criteria ensuring quality, safety, and consistency in products.

[Read More →](#)

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## Standard Details

[Home](#) / [Standard Details](#)

### IS 19016 : 2022

Bibhitaka Terminalia bellirica Gaertn Roxb Fruit for use in Traditional Medicine Specifications

Department: **Ayush Department (AYD)**  
Technical Committee: **Ayurveda Sectional Committee (AYD 01)**

#### Basic Details


Degree of Equivalence :  
Indigenous

#### Classification Details

Group :  
Agriculture, Agricultural Products and Implements

#### Related Indian Standards

- **IS 1070 : 2023**  
Reagent grade water - Specification (Third Revision)
- **IS 1797 : 2017**  
Spices and condiments - Methods of test (Third Revision)
- **IS 4333 (Part 1) : 2018**  
Methods of analysis for foodgrains: Part 1 refractions (Third Revision)

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## Meeting Calendar

[Home](#) / [Meeting Calendar](#)

Filter: **Ayush Department (AYD)** ▾ **AYD C-Ayush Division Council** ▾ [Search](#)

### Meetings (25)

🔍 ⓘ

**Upcoming Events**


**Ayush Department (AYD)** Upcoming Ongoing Closed Cancelled

**02**  
Sep 2024

**AYD C Initial Research Findings Presentation**  
AYD C-Ayush Division Council  
09:00 AM to 12:00 PM 3 hours 26 Participants Hybrid  
[Confirmed](#) [Session](#)

**09**  
Sep 2024

**AYD C Initial Research Findings Presentation**  
09:00 AM to 12:00 PM

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The National Standards Body of India

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## Technical Departments Details


[Home](#) / [Technical Departments](#) / [Technical Departments Details](#)


### Ayush Department (AYD)


HOD: **Ms. Rachna Sehgal**

**Scope:**  
Standardization in the field of Ayush systems including Ayurveda, Yoga, Naturopathy, Unani, Siddha, Sowa rigpa and Homoeopathy including traditional and modern aspects of products and services of these systems.

[Program of Work →](#)

**No. of Technical Committee**  
**08**

**No. of Working Group**  
**00**

**No. of Panels**  
**45**

**Published Standard** **07**

**Standard Under Development** **53**

**Participating Member** **12**

[Become a Member](#)



# XMLisation of the standards

The screenshot displays the IEC 69992-303 document interface. On the left, a sidebar shows the document structure under 'Front matter' and 'Body'. The main content area shows the 'Introduction' section. A comment box on the right is open, showing a 'Decision' dropdown menu with options: 'Submit as national comment', 'Any topic, tags, replies will be removed', and 'Not submit as national comment'. The 'Not submit as national comment' option is selected. Below the dropdown, there are buttons for 'Cancel', 'Save proposed decision', and 'Validate decision'. The 'Validate decision' button is highlighted with a red box. The comment box also shows a 'Submitted as national' status.


The screenshot displays the ISO/IEC 29500-1:2016(en) document interface. The top navigation bar includes the ISO logo, 'Online Browsing Platform (OBP)', a search bar, and a 'Sign in' button. The main content area shows the 'Foreword' section. The 'Table of contents' on the left lists the document structure. The 'Foreword' text describes the ISO and IEC technical committees and the purpose of the standard. The 'Table of contents' on the left lists the document structure, including 'Foreword', 'Introduction', '1. Scope', '2. Conformance', '3. Normative References', '4. Terms and Definitions', '5. Notational Conventions', '6. Acronyms and Abbreviations', '7. General Description', '8. Overview', '9. Packages', '10. Markup Compatibility and Extensibility', '11. WordprocessingML', '12. Package Structure', '13. Part Summary', '14. Document Template', '15. Framesets', '16. Master Documents and Subdocur', '17. Mail Merge Data Source', and '18. Mail Merge Header Data Source'. The 'Foreword' text describes the ISO and IEC technical committees and the purpose of the standard. The 'Table of contents' on the left lists the document structure.

# Academic Dashboard

[Switch To Other Portal](#) [Switch Role](#) [Back](#)

Communication Window [Tutorial](#) [Logout](#)


Academic Dashboard Home / Academic Dashboard





**BIS Hackathon  
for Students of MoU Institutes**  
**Last Date to Register : 23-08-2024**  
**Participate Now**  
**Click to Know More**


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- Civil Engineering: Annual Convention of Deans and HoDs of partner MoU institutions at Udaipur...[Read more](#)
- WEEKLY UPDATE: Important Standards Published...[Read more](#)
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 WC Drafts


 Representation in Sectional Committees


 Getting in Touch


 My Faculty/Research Scholars


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 Scheme for financial support to laboratories


 R&D Projects


 MoU


 Nodal Officers: Institutions


 Internship Scheme &  
Guidelines for Internship Project


 Dean/HOD: Institutions


 Empanelment of Laboratories for commercial testing


 Membership of Sectional Committees/Working Panels/  
Working Groups on Offer


 Activity Report


 Nodal Officers: BIS


 Handbook for Technical Committee Members


 Weekly Standard Bulletin


 News/Events

 Standards Club

 Reference Handbooks

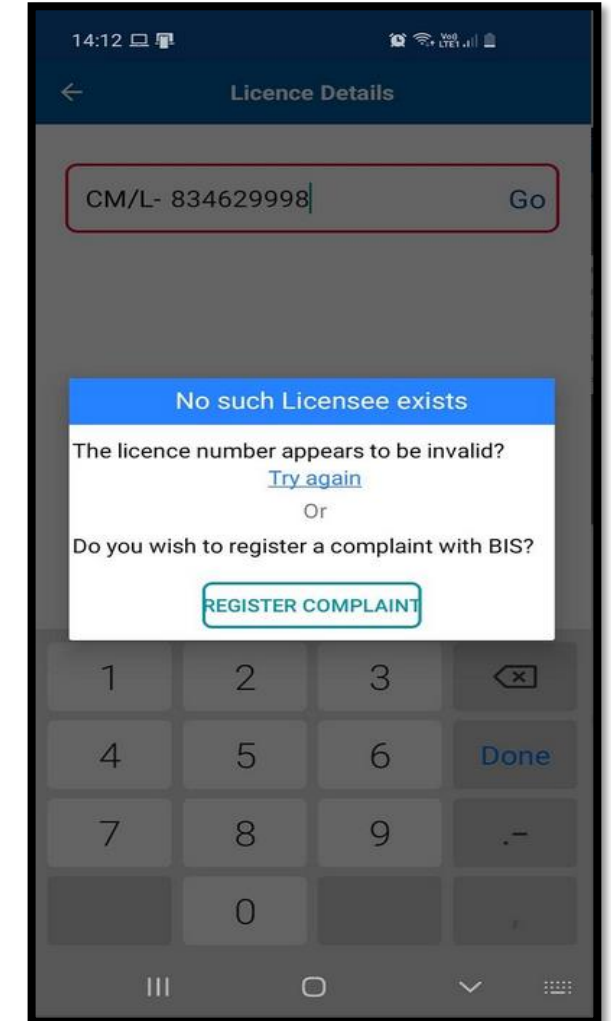
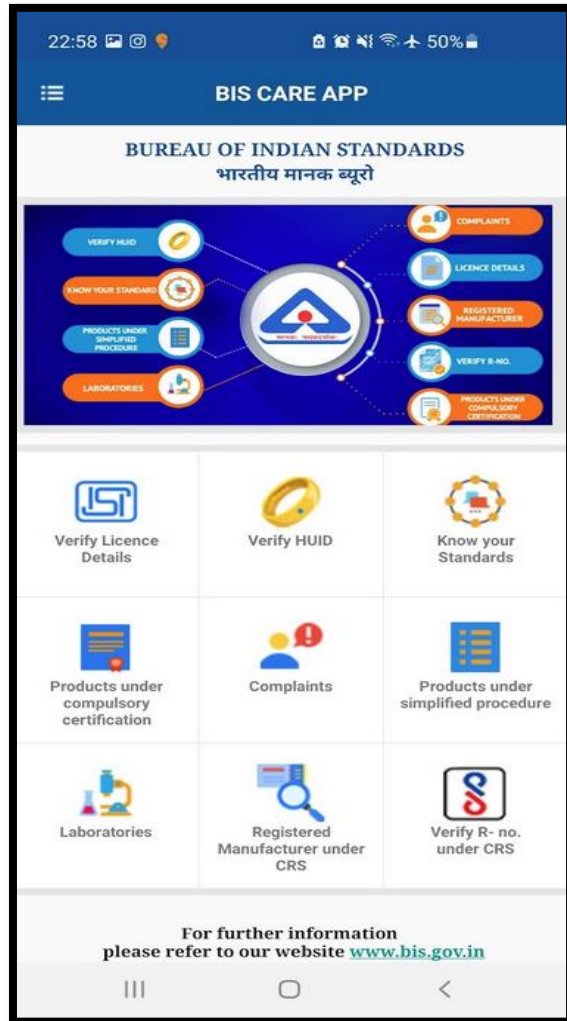
 Resource Materials

 Referece material for Technical session

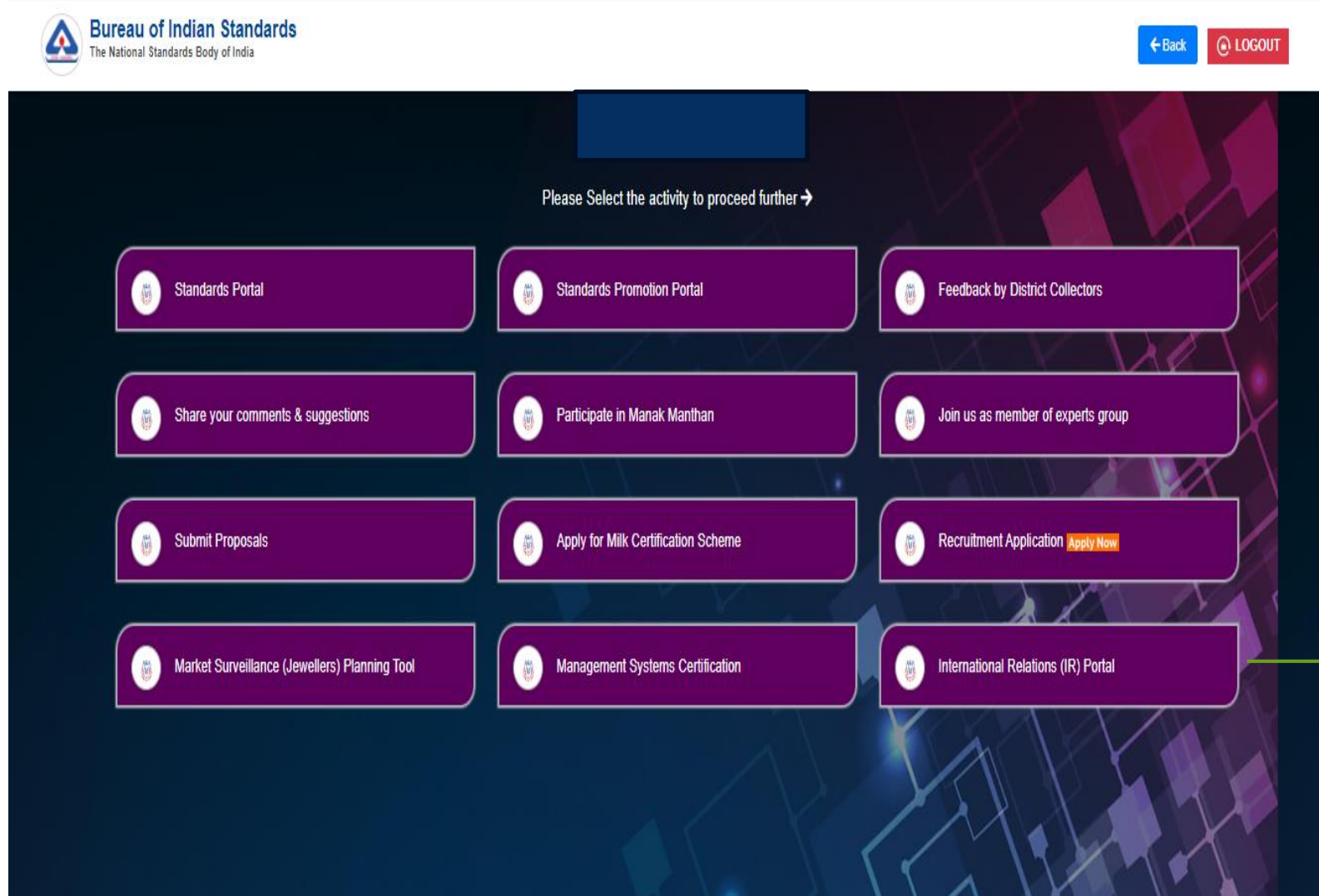
 Annual Plan for Technical session

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# BIS CARE APP



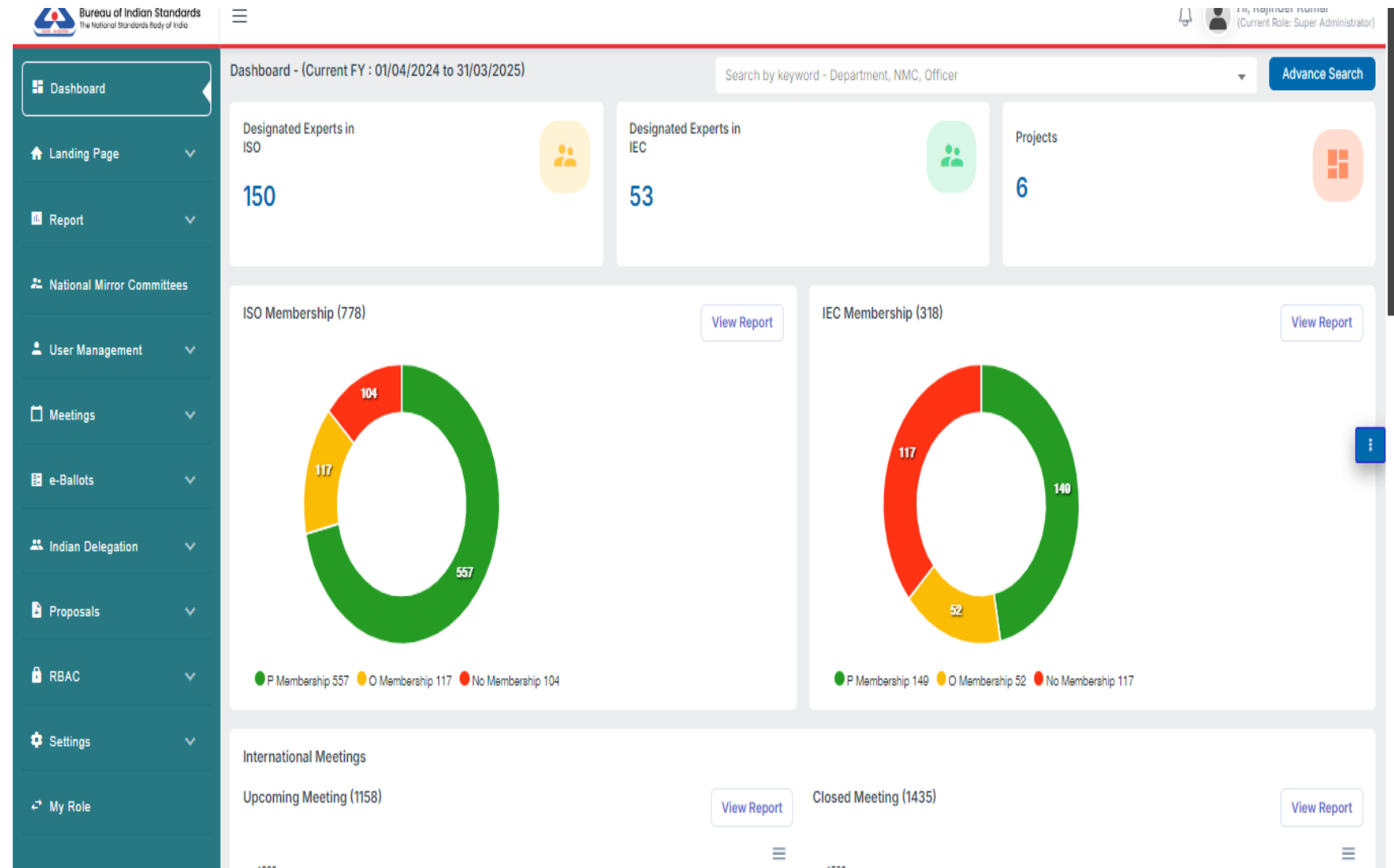
# IRD Portal



**Click here for International  
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# IRD Portal

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# UPCOMING ACTIVITIES

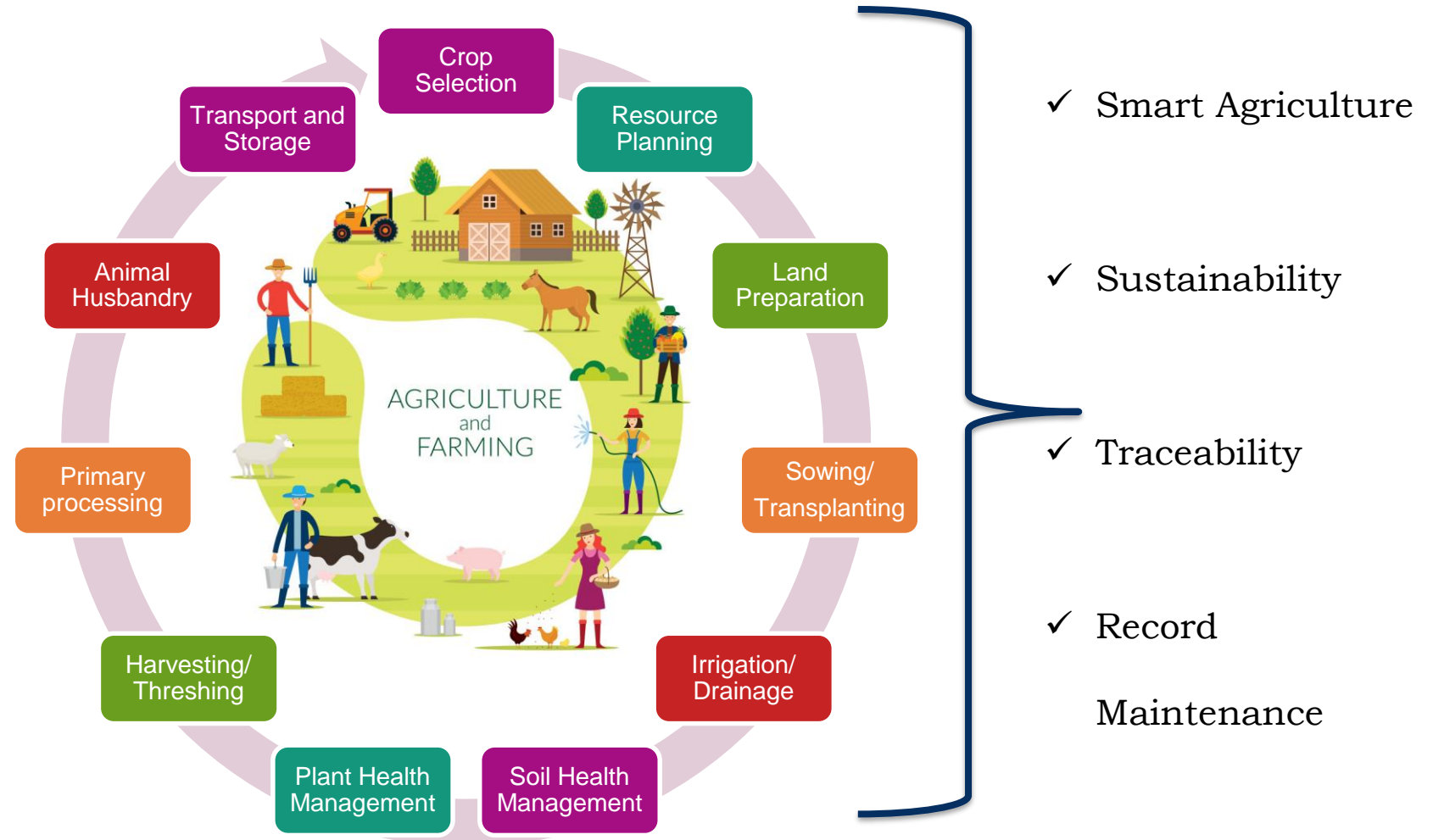


# NATIONAL AGRICULTURE CODE (NAC)

## What will it cover?

### What is NAC ?

1. Food and Agriculture Department, BIS is taking up development of NAC to cover best practices from crop selection to the storage of agricultural produce encompassing the entire Indian Agricultural Ecosystem.
2. NAC is envisaged to be inclusive to incorporate emerging agricultural technologies, novel farming practices, and varying regional conditions across India.



# Upcoming Activities

- Celebration of WSD.
- Development of Learning Management System for online courses.
- Development of a futuristic Conformity Assessment Portal.
- Videos on Test Method standards.

# Upcoming Activities

(VIDEO) Upcoming Activities

# Thank You

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## **Annexure – 3A**

### **SEVENTH MEETING OF THE GOVERNING COUNCIL OF BUREAU OF INDIAN STANDARDS**

**1900 hours, Monday**

**Room No. 31  
Vanijya Bhawan, Akbar Road,  
New Delhi**

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**Participants** – The list of Governing Council members and other participants who attended the 7<sup>th</sup> Governing Council (GC) meeting of BIS as well as list of members who requested leave of absence is given in **Annex 1**.

#### **1. WELCOME BY DG, BIS**

1.1 DG, BIS welcomed Shri Piyush Goyal, Hon'ble Minister, Commerce and Industry, Consumer Affairs, Food and Public Distribution, and Textile and *ex-officio* President of GC, Shri Ashwini Kumar Choubey, Hon'ble Minister of State for Consumer Affairs and *ex-officio* Vice-President of GC and other esteemed members to the Seventh Governing Council (GC) Meeting of BIS.

#### **2. PRESENTATION ON BIS ACTIVITIES, INITIATIVES AND WAY FORWARD**

2.1 All concerned Activity Heads and Heads of the Departments of BIS made a power-point presentation on BIS activities, initiatives and way forward concerning their respective activities/ departments (**Annex 2A**).

#### **3. CONFIRMATION OF THE PROCEEDINGS OF THE SIXTH MEETING OF THE GOVERNING COUNCIL OF BIS**

3.1 The proceedings of the Sixth Meeting of the Governing Council of BIS held on 10 June 2023 were circulated to the members vide our e-mail dated 24 July 2023 (**Annex 3A**).

3.2 The Governing Council confirmed the said proceedings.

#### **4. ACTION TAKEN REPORT ON THE DECISIONS OF THE SIXTH MEETING OF THE GOVERNING COUNCIL OF BIS**

4.1 Action Taken Report on the decisions / actionable points of the Sixth Meeting of the Governing Council of BIS held on 10 June 2023 is given in **Annex 4A**.

4.2 The Governing Council noted the same.

**5. PROCUREMENT OF EQUIPMENT FOR CREATION OF TEST FACILITY FOR SWITCHGEAR AT NTH, MUMBAI AT AN APPROXIMATE COST OF 5 CRORES**

5.1 The Governing Council noted.

**6. PROPOSAL FOR AMENDMENT IN THE GUIDELINES FOR SUPPORT TO THE GOVERNMENT LABORATORIES**

6.1 DG explained that in last GC meeting, it was decided that BIS will provide testing and laboratory equipment to the Government laboratories as a measure of support from BIS. However, BIS has been facing difficulties in procurement of these equipment due to substantial number of requests. Therefore, it has been proposed to GC that the testing and laboratory equipments will be bought by the Government laboratories themselves and BIS will release the fund, as approved by the Governing Council, on the receipt of the report of the installation of the equipments. Governing Council approved the proposal with the direction that a representative of BIS shall be there in the Purchase Committee of the organisation procuring equipment with the financial assistance from BIS.

6.2 The President further directed that the meetings of the Purchase Committee should, as far as possible, be held virtually, and proceeding thereof be recorded for optimum transparency.

6.3 Governing Council also decided to extend the scheme of financial assistance to the institutions of higher education and private organisations running laboratories for R&D purposes or on not-for-profit basis.

6.4 The President asked DG, BIS to give wide publicity to the revised scheme as an important initiative to ramp up the quality infrastructure in the country.

**7. PROPOSAL FOR AMENDMENT IN BIS (CA) REGULATIONS, 2018 FOR REVISION OF FEE STRUCTURE FOR MSC ACTIVITY**

7.1 The proposal and rationale for revision in fee structure of Scheme III and Scheme VIII of BIS (Conformity Assessment) Regulations, 2018 were explained to the GC members. The GC approved the revision in the fee structure as detailed in the Annex 3 of Agenda Item 7 with the following modifications:

- i) Licence or Certificate of Conformity Fee/ Recertification Fee for three years to be Rs 200/- for the Micro enterprises.



- ii) In respect of the organisations with multiple service outlets, the additional licence fee to be paid for each additional site (with similar activities) site shall be 50% of Licence or Certificate of Conformity Fee/ Recertification Fee per site for that category of enterprise.
- iii) Audit fee for Micro Enterprises located in India shall be Rs 3000/- per manday.

The revised fee structure for MSC activity incorporating the above changes, as they will appear in BIS (Conformity Assessment) Regulations, 2018, is placed at **Annex-7A**.

## 8. Other points discussed

Governing Council while appreciating the initiatives and process reforms undertaken by BIS to strengthen the standardisation ecosystem and make the Conformity Assessment System more user-friendly, took the following decisions to impart further fillip to the process of reforms:

8.1 To examine the scope and avenues of enhancing the coverage of Market Surveillance, a committee consisting of the following members of the Governing Council is created:

- i) Shri Gurdeep Singh, Chairman & Managing Director (NTPC) - Chairman
- ii) Shri Rajesh Maheshwari, Secretary General (QCI) - Member
- iii) Shri Vipin Sahni, Executive Director (CII) - Member
- iv) DDG (Certification), as representative from BIS - Member
- v) Representative from FSSAI - Member
- vi) Head CMD-I - Member Secretary

The committee will submit its report within a month.

8.2 To examine the status of 'Parakh' and suggest measures to make it a complete and dynamically updated database of the test facilities in the country, a committee is constituted with the following members:

- i) Shri Jayen Mehta, Managing Director  
Gujarat Cooperative Milk Marketing Federation Ltd. (AMUL) - Chairman
- ii) Shri Kunal Patel, Project Director (BISAG) - Member
- iii) Head (LRMD), as representative from BIS -Member
- iv) Representative from FSSAI

- v) One member as suggested by Shri Rajesh Maheshwari, Secretary General (QCI)

The committee will submit its report within a month.

- 8.3 To facilitate the attendance of the members of the Technical Committees (Sectional Committee, Working Panel and Working Group), in the Technical Committee meetings, BIS shall pay TA/DA to them unless and if they have not drawn the TA/DA from the organisations they belong to and furnish a certificate, in this regard. BIS should move Department of Consumer Affairs for amendment to the relevant BIS Rules/Regulations.
  - 8.4 The decision of the 6<sup>th</sup> GC meeting to provide Sitting Allowance to the Chairpersons of the Sectional Committees, should be relooked in the content of the Government rules in regard to the admissibility of this for Government officers acting as Chairpersons of TCs. DG, BIS is authorised to take decision in this regard.
  - 8.5 To ensure that interests and concerns of the Micro and Small Sectors are duly attended to, BIS should make conscious efforts to have their representatives in the Sectional Committees.
  - 8.6 BIS should study the scheme of DGFT on self-declaration in regard to the changes in the details of a firm, and implement it to ensure that the database of licensees stays updated.
9. There being no other business, the meeting ended with a vote of thanks to the Chair.

\*\*\*\*\*

**Annex-1**

**MEMBER OF THE GOVERNING COUNCIL PRESENT IN THE MEETING**

1. Shri Piyush Goyal, *(in chair)*  
Hon'ble Minister of Commerce & Industry,  
Consumer Affairs, Food and Public Distribution and Textile
2. Shri Ashwini Kumar Choubey,  
Hon'ble Minister of State for Consumer Affairs, F& PD,  
Environment, Forest and Climate Change of India,  
Govt. of India
3. Shri Pramod Kumar Tiwari,  
Director General,  
Bureau of Indian Standards
4. Dr. Kalpana Saini,  
Member of Parliament, Rajya Sabha
5. Shri Sanjiv  
Joint Secretary, Department for Promotion of  
Industry and Internal Trade
6. \*Shri Ranjeet Kumar Dass,  
Hon'ble Minister,  
Minister, Food, Public Distribution and Consumer Affairs  
Department, Assam
7. \*Principal Secretary (Gujarat)
8. \*Shri Narayanbhai Shah,  
Adhyaksha, Akhil Bhartiya Grahak Panchayat
9. \*Dr. G. Sundaram,  
Chairman, Consumer Voice
10. Shri Gurdeep Singh,  
Chairman and Managing Director, NTPC Ltd.
11. \*Shri Jayen Mehta, Managing Director,  
Gujarat Cooperative Milk Marketing  
Federation Ltd. (AMUL)
12. \*Prof. Manindra Agrawal  
Department of Computer Science  
And Engineering, Indian Institute of

Technology (IIT) Kanpur,

13. Shri Tej Pal Singh,  
Director General, Bhaskaracharya  
National Institute for Space  
Applications and Geo-informatics  
(BISAG-N)
14. Shri G. Kamala Vardhana Rao,  
Chief Executive Officer  
Food Safety and Standards Authority  
of India (FSSAI)
15. Shri Rajesh Maheshwari,  
Secretary General,  
Quality Council of India (QCI)

#### **Representative**

1. Shri Vineet Mathur, Joint Secretary,  
Department of Consumer Affairs  
**Representing Shri Shantmanu, Additional Secretary & Financial Advisor,**  
Ministry of Consumer Affairs, Food and Public Distribution
2. Shri Vipin Sahni,  
ED, CII, **Representing Shri R. Dinesh, President (CII)**
3. \*Shri Basudev Mukherjee,  
Assistant Secretary General  
**Representing Shri Ajay Singh, President (ASSOCHAM)**

#### **Leave of Absence**

1. Shri Rohit Kumar Singh,  
Secretary, Consumer Affairs,  
Food and Public Distribution
2. Smt. Leshi Singh, Hon'ble Minister,  
Food and Consumer Protection  
Department Government of Bihar,
3. Smt. Rekha Arya,  
Hon'ble Minister,  
Food, Civil Supplies and Consumer Affairs

Department Government of Uttarakhand

4. Shri Pasha Patel,  
Former Member of the Maharashtra  
Legislative Council
5. Prof. Satinder Bhatia,  
Vice Chancellor,  
Indian Institute of Foreign Trade (IIFT)

**ABSENT**

1. **Shri Karumuri Venkata Nageswara Rao,**  
Hon'ble Minister, Civil Supplies and Consumer Affairs  
Govt. of Andhra Pradesh
2. **Dr. Anish Shah,** President,  
Federation of Indian Chambers of  
Commerce and Industry (FICCI)  
Federation House, Tansen Marg,  
New Delhi 110001

**VACANT**

1. Hon'ble Member, Lok Sabha
2. Special Secretary, Deptt. of Consumer Affairs

\*Through video-conference

**BIS OFFICERS IN ATTENDANCE:**

1. Lt. Col Kumar Shantanu DDG(Administration);
2. Shri Rajeev Sharma DDG(Standardisation - I);
3. Shri Sanjay Pant, DDG (Standardisation - II);
4. Shri Chandan Bahl, DDG (IR &SCM);
5. Smt. Nishat S. Haque, DDG(Laboratory);
6. Shri P. Rajesh DDG (PRT, ITS & TNM);
7. Smt. Smitha G Nair Head (DPR);
8. Dr. Radhe Krishan DD(PR);
9. Shri Deepak Singla, Head (CMD-I);
10. Shri R. K. Kain, Head (CSMD);
11. Shri Praveen Khanna, Head (FMCD);
12. Smt. Reena Garg,Head (LITD);
13. Shri Pinaki Gupta,Head (CMD- II)
14. Shri S. K. Datta, Head (Registration)
15. Shri S. C. Dass, Head (HMD)
16. Shri Ranjit Kumar, Sc-D, (CMD-I)



**Actionable/ Notable Points from Seventh Meeting of the  
Governing Council (GC) of BIS held on 18 December 2023  
(Updated on 10 September 2024)**

<b>S. No.</b>	<b>Proceeding No.</b>	<b>Actionable/ Notable point</b>	<b>Concerned Activity Head/ HoD</b>	<b>Action Taken</b>
1.	5	<b>Procurement of Equipment for creation of test facility for switchgear at NTH, Mumbai at an approximate cost of 5 Crores</b>	DDG (Labs)/ LPPD	The Governing Council noted.
2.	6  6.1	<b>Proposal for Amendment in the Guidelines for support to the Government Laboratories</b>  It was proposed to GC that the testing and laboratory equipments will be bought by the Government laboratories themselves and BIS will release the fund, as approved by the Governing Council, on the receipt of the report of the installation of the equipments. Governing Council approved the proposal with the direction that a representative of BIS shall be there in the Purchase Committee of the organisation procuring equipment with the financial assistance from BIS.	DDG (Labs)/ LPPD	A proposal for the amendment in the Guidelines for financial assistance, incorporating the directions of the GC at 6.1, was submitted to the Department of Consumer Affairs and the same has now been approved.
3.	6.2	The meetings of the Purchase Committee should, as far as possible, be held virtually, and proceeding thereof be recorded for optimum transparency.	DDG (Labs)/ LPPD	A proposal for the amendment in the Guidelines for financial assistance, incorporating the directions of the GC at 6.2, was submitted to the Department of Consumer Affairs and the same has now been approved.

				As directed, the meetings of the Purchase Committee hereafter will be held virtually as far as possible and proceedings will be recorded.
4.	6.3	To extend the scheme of financial assistance to the institutions of higher education and private organisations running laboratories for R&D purposes or on not-for-profit basis.	DDG (Labs)/ LPPD	A proposal for the amendment in the Guidelines for financial assistance, incorporating the directions of the GC at 6.3, was submitted to the Department of Consumer Affairs and the same has now been approved.
5.	6.4	Wide publicity be given to the revised scheme as an important initiative to ramp up the quality infrastructure in the country.	DDG (Labs)/ LPPD  DDG (FMC, HM & Registration) / PRD	<p>The approval on the revised scheme incorporating the directions of the GC was received on 13-02-2024. The revised scheme has been shared with all institutions under the outreach programme of BIS and is further being shared with other institutions by BIS officers. The scheme has also been uploaded on the BIS academic dashboard and BIS Laboratory Information Management System (LIMS) Portal in public domain and the same has also been shared with the PR department for further publicity.</p> <p>Press release on BIS scheme on upgradation of labs at</p>

				higher education R&D Institutions was issued on 11 <sup>th</sup> March 2024 for wide publicity.
6.	<p><b>7</b></p> <p>7.1</p>	<p><b>Proposal for Amendment in BIS (CA) Regulations, 2018 for revision of fee structure for MSC Activity</b></p> <p>The proposal and rationale for revision in fee structure of Scheme III and Scheme VIII of BIS (Conformity Assessment) Regulations, 2018 were explained to the GC members. The GC approved the revision in the fee structure with the following modifications:</p> <ul style="list-style-type: none"> <li>i. Licence or Certificate of Conformity Fee/ Recertification Fee for three years to be Rs 200/- for the Micro enterprises.</li> <li>ii. In respect of the organisations with multiple service outlets, the additional licence fee to be paid for each additional site (with similar activities) site shall be 50% of Licence or Certificate of Conformity Fee/ Recertification Fee per site for that category of enterprise.</li> <li>iii. Audit fee for Micro Enterprises located in India shall be Rs 3000/- per man-day.</li> </ul>	DDG (IR &TIS, MSC and SCM)/ MSCD	The action has been completed and the amendments to BIS Conformity Assessment Regulations have been Gazette notified w.e.f 23 August 2024.
7.	8.1	To examine the scope and avenues of enhancing the coverage of Market Surveillance, a committee consisting of the following members of the Governing Council is created:	DDG (Certification & CSMD)/ CMD1	The committee report has been submitted to the Bureau's Secretary vide email dated 18 June 2024. (Annexure-I) Some key

	<ul style="list-style-type: none"> <li>i) Shri Gurdeep Singh, Chairman &amp; Managing Director (NTPC) - Chairman</li> <li>ii) Shri Rajesh Maheshwari, Secretary General (QCI) - Member</li> <li>iii) Shri Vipin Sahni, Executive Director (CII) - Member</li> <li>iv) DDG (Certification), as representative from BIS - Member</li> <li>v) Representative from FSSAI- Member</li> <li>vi) Head CMD-I - Member Secretary</li> </ul> <p>The committee will submit its report within a month.</p>		<p>highlights of the recommendations of the committee are as follows:</p> <ul style="list-style-type: none"> <li>i) BIS should focus to draw maximum possible number of varieties covered under scope of certification of each certified manufacturer.</li> <li>ii) Complete testing in independent laboratory may be limited to a few samples. For other samples, independent testing in laboratory may be limited to some parameters of relevant Standards.</li> <li>iii) In addition to routine plans, flash surveillance focussing on selected products on a year-wise rotation basis may be taken up by BIS.</li> <li>iv) Pro-active market surveillance for products sold on e-marketplace and online apps may also be considered by BIS.</li> <li>v) Under registration scheme, MeitY has taken responsibility for surveillance of electronic &amp; IT products. MeitY may be asked to share information</li> </ul>
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				with BIS about its market surveillance activities for electronic & IT products.
8.	8.2	<p>To examine the status of 'Parakh' and suggest measures to make it a complete and dynamically updated database of the test facilities in the country, a committee is constituted with the following members:</p> <ul style="list-style-type: none"> <li>i) Shri Jayen Mehta, Managing Director, Gujarat Cooperative Milk Marketing Federation Ltd. (AMUL) - Chairman</li> <li>ii) Shri Kunal Patel, Project Director (BISAG) - Member</li> <li>iii) Head (LRMD), as representative from BIS -Member</li> <li>iv) Representative from FSSAI</li> <li>v) One member as suggested by Shri Rajesh Maheshwari, Secretary General (QCI)</li> </ul> <p>The committee will submit its report within a month.</p>	DDG (Labs)/ LRMD	<p>The meeting of the committee constituted for implementation and utilisation of the 'PARAKH' portal was held on 02-04 - 2024. The action points of the meeting, placed below, were communicated to DPIIT.</p> <ul style="list-style-type: none"> <li>i) In order to collect and present the data of various Government Departments / Organizations, a common format for data sharing is required to be worked out with basic details of Laboratory such as Address Location (Map details) , Contact Person, Field of testing , Details of Accreditation, Unique Identification Number etc. Accordingly, data can then be sought from the different organizations. BISAG may provide a draft format.</li> <li>ii) Provision for self-registration by the laboratories</li> </ul>

				<p>using the common data field in registration form is required to be activated in the portal.</p> <p>iii) Information dissemination about the portal through Industry Associations /Departments etc. will also be required.</p> <p>iv) Avenues to make it compulsory for all laboratories to register in the portal may also be explored.</p>
9.	8.3	To facilitate the attendance of the members of the Technical Committees (Sectional Committee, Working Panel and Working Group), in the Technical Committee meetings, BIS shall pay TA/DA to them unless and if they have not drawn the TA/DA from the organisations they belong to and furnish a certificate, in this regard. BIS should move Department of Consumer Affairs for amendment to the relevant BIS Rules/Regulations.	DDG (IR & TIS, MSC and SCM)/ SCMD	In order to comply with the decision of GC, a proposal for amendment to BIS Rule 20 has been sent Department of Consumer Affairs vide BS XI/02/01/2024-25 dated 12 July 2024. Approval is awaited
10.	8.4	The decision of the 6th GC meeting to provide Sitting Allowance to the Chairpersons of the Sectional Committees, should be relooked in the content of the Government rules in regard to the admissibility of this for Government officers acting as Chairpersons of TCs. DG, BIS is authorised to take decision in this regard.	DDG (IR & TIS, MSC and SCM)/ SCMD	Decision has already been taken by DG, BIS.



11.	8.5	To ensure that interests and concerns of the Micro and Small Sectors are duly attended to, BIS should make conscious efforts to have their representatives in the Sectional Committees.	DDG (IR & TIS, MSC and SCM)/ SCMD	All technical departments have been directed to follow the directions of GC while deciding on the composition of Sectional Committees. In addition, interests of Micro and Small sectors are also being taken care of by the standardization cells of the respective industry associations having representations on Sectional Committees. The monthly Manak Manthan being organized by BIS Branch offices also provides an opportunity to Micro and Small Industries to project their views on draft Indian Standards.
12.	8.6	BIS should study the scheme of DGFT on self-declaration in regard to the changes in the details of a firm, and implement it to ensure that the database of licensees stays updated.	DDG (IR & TIS, MSC and SCM)/ SCMD	The provision to view and update the profile details on a regular basis is available with the head of each branch.

## **Annexure of SI No. 7 and Item No. 8.1**

### **REPORT OF THE COMMITTEE CONSTITUTED TO**

### ***“EXAMINE THE SCOPE AND AVENUES OF ENHANCING THE COVERAGE OF MARKET SURVEILLANCE” UNDER BIS PRODUCT CERTIFICATION***

#### **1. Introduction and background**

**1.1** Bureau of Indian Standards (BIS) is the National Standards Body of the country and is involved in activities of standardisation, certification, laboratory testing, training services etc. The product certification services provided by BIS are also utilised by the line Ministries/Departments of the Government of India towards their regulatory objectives of uplifting the quality ecosystem of the country and curbing import of sub-standard products.

**1.2** The Technical Regulations (TRs), colloquially also known as Quality Control Orders (QCOs) in India, are an important policy intervention measure that goes beyond traditional tariffs or customs measures towards achievements of their regulatory objectives. TR/QCOs are only the first step towards fulfilling regulatory objectives; effectiveness of these measures requires a comprehensive and robust market surveillance mechanism.

**1.3** These aspects were deliberated during the 7th meeting of the Governing Council of BIS, chaired by the Hon'ble Minister and president of the Bureau/BIS. The surveillance statistics for product certification activity of BIS was reviewed (see figure 1) and it was deliberated to examine the scope and avenues of enhancing the coverage of market surveillance. The coverage of surveillance samples drawn under BIS product certification activity, though improved in the last 3 years, needs to be further enhanced to the tune of 10 lakh samples per year.

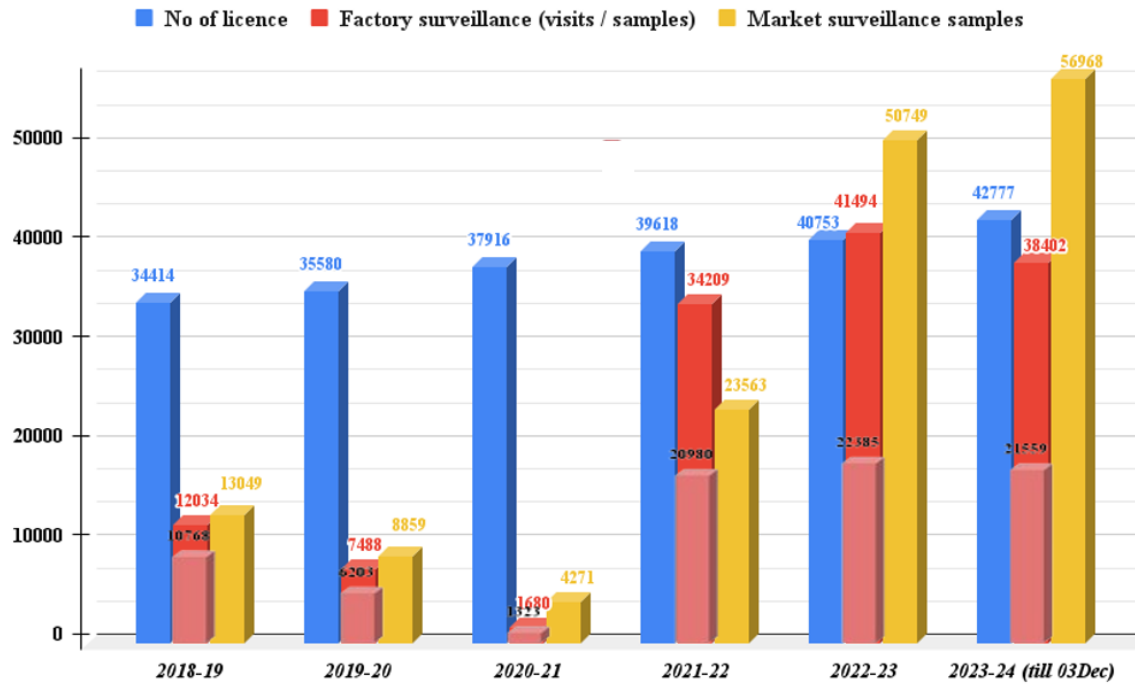


Figure 1: Surveillance under BIS product certification activity for domestic manufacturers - Presented in its Governing Council meeting dated 18 December 2023

**1.4** To examine the scope and coverage of surveillance under product certification activity at BIS, a committee was constituted with composition as indicated in figure 2.

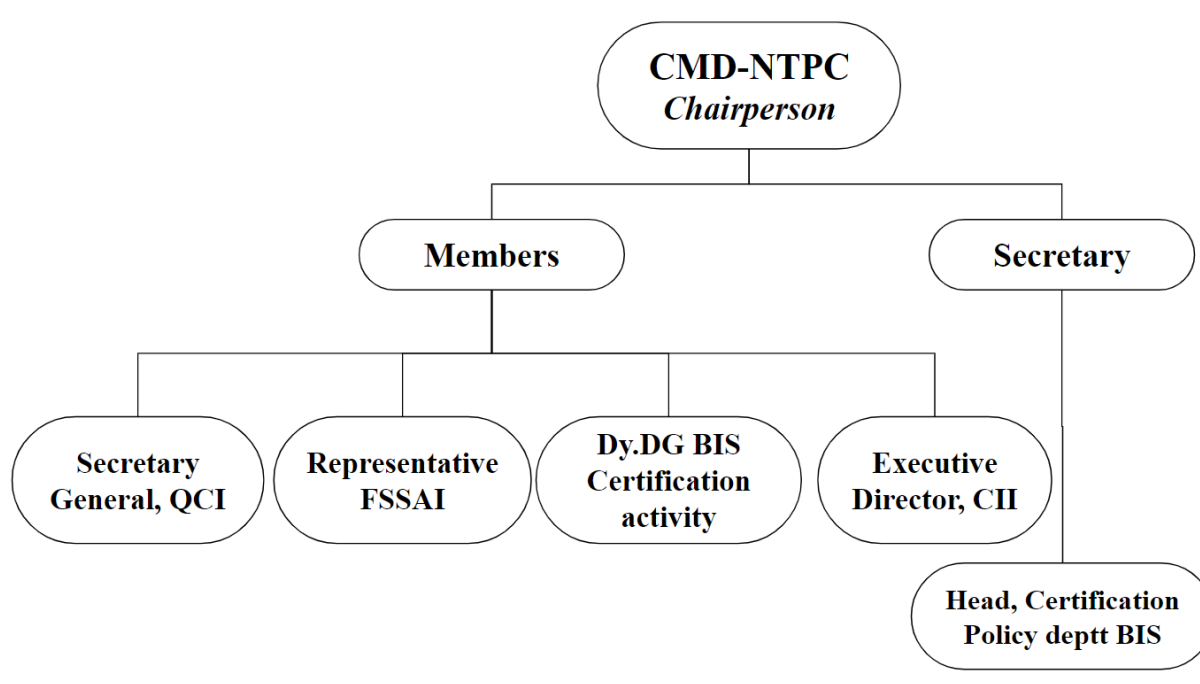


Figure 2: Composition of the Committee

**1.5** Two meetings of the committee were held on 11 January 2024 and 28 February 2024 to examine the scope and avenues of enhancing the coverage of the surveillance system at BIS for its product certification activity.

## **2. Scope and coverage of surveillance system at BIS - Current practice**

**2.1** The certification system and associated surveillance activities at BIS were reviewed by the committee members.

**2.1.1** BIS product certification Scheme-I is based on and harmonised with type 4 scheme of ISO/IEC 17067:2013 Standard. It covers both products notified under TR/QCOs as well as voluntary certification opted by the Industry. Both the elements of inspection i.e. evaluation of manufacturing & testing capability and compliance of product to the relevant Standard through testing in an independent laboratory are covered in this scheme.

**2.1.2** These certification services are also available to the foreign manufacturers and especially focusing on products notified under TR/QCOs. For this purpose, foreign manufacturers certification scheme is operated by BIS.

**2.1.3** BIS is also operating product certification (**registration**) scheme, which is based on and harmonised with type 2 scheme of ISO/IEC 17067:2013 Standard. It covers only the compulsory registration products notified under TR/QCOs and no voluntary registration services are offered by BIS. Majority of registrations (more than 22000 out of 23,500) under this scheme are pertaining to Electronic & IT goods regulated by MeitY. This scheme has no provision of factory inspection and only the compliance of product to relevant Standard through independent laboratory testing is being ensured.

**2.1.4** The products sold in the market without BIS Standard Mark or with unscrupulous BIS Standard Mark, the enforcement activities are undertaken by BIS including search and seizure operations. These operations at BIS don't form part of accounting market surveillance numbers under its product certification activity.

**2.2** The methodologies and various modes of market surveillance undertaken by BIS were reviewed by the committee members.

**2.2.1** Pro-active pre-market surveillance - factory surveillance and product sampling for independent laboratory testing before it reaches the market.

**2.2.2** Pro-active pre-despatch/lot inspection - carried out only for products like cylinder/valve/regulator for use with LPG/CNG as part of PESO approval process.

**2.2.3** Post-market surveillance - Purchase of samples from the market or any point in the supply chain.

**2.2.4** Feedback from organised buyers - Feedback from organised sector especially in the government sector is taken towards the purchases of products bearing Standard Mark. This is even more important for products which are bulky, difficult to transport etc. like RCC pipe, Medical X-ray equipment.

**2.2.5** Reactive surveillance - For any adverse feedback received from consumers, reactive investigation surveillances are also carried out under BIS product certification activity.

**2.2.6** Risk based dynamic surveillance - The data generated from past surveillance activity also acts as a feedback mechanism to increase surveillance frequency. For example, manufacturers whose samples are found non-conforming are

kept under higher surveillance frequency. Additionally, mass consumer item products and products with higher non-conformity rates are kept under higher surveillance frequency.

**2.3** Under its product certification activity, the intent of BIS is to annually cover every licence under surveillance. Out of the 44,000+ licences under product certification, it has been observed that around 12-15% of the licences remain inoperative during a particular financial year due to various reasons like lack of orders or other operational constraints. Therefore, samples of such manufacturers are not available for drawal during that operative year.

**2.3.1** Further, some of the manufacturers have multiple licences for different products in the same premises out of which they do not carry out production activities for some of the products on a regular basis, resulting in non-availability of samples.

**2.3.2** In addition, for several products, samples are not available throughout the year because they are produced by manufacturers based on customer orders in a limited quantity. For example, irrigation equipment, safety footwear, are only produced against orders and supplied. In case the order is already fulfilled, they do not produce any additional material. Therefore, in such cases, although attempts are made by BIS to collect factory and market samples, these attempts are infructuous.

**2.3.3** For 127 products accounting for 6% of licences, it is not possible to draw samples due to considerations such as large size/bulkiness of the products making it difficult to transport the product to labs (such as distribution transformers, diesel engines, power threshers, precast concrete pipes, concrete paving blocks etc.), and as such they are tested in the factory itself. In such cases, BIS makes efforts to take feedback from organised buyers as a method of market surveillance. Such licences cannot be taken for calculating the number of market sample targets during the year.

**2.3.4** Accordingly drawl of 10 lakh samples limited to present product certification licence manufacturer base may result in testing of 30-40 samples in a year/licence. That means drawl of sample for a licence with a frequency of once in every week/fortnight for independent laboratory testing.

### **3. Avenues for enhancement - Deliberations by the committee**

**3.1** The market surveillance efforts of BIS should extend beyond the efforts to annually cover each individual certified manufacturer. It is imperative that these activities also prioritise the surveillance of a diverse array of product ranges/varieties produced by these certified manufacturers. This comprehensive approach to market surveillance would ensure a thorough evaluation of the manufacturer's adherence to Indian Standards across various product categories. By surveilling multiple varieties, better insights would be gained into the consistency and quality as per Indian Standards maintained by



manufacturers. This broader scope of market surveillance would enhance the effectiveness of regulatory oversight and contribute to bolstering consumer confidence.

**3.2** Though the number of manufacturers covered under the umbrella of BIS product certification activity is increasing, it may still take quite some time to reach the lakh figures. Drawing surveillance samples at a higher frequency like once (or more) in every month for complete testing in independent laboratory needs to be carefully approached. Over time, with an increasing trend in the number of BIS product certifications held by manufacturers, the complete testing of 10 lakh surveillance samples in independent laboratory would be easily achievable.

**3.3** As a starting point, these two aspects (1) drawl of surveillance sample and (2) independent laboratory testing needs to be delinked. More surveillance samples with maximum possible coverage of varieties needs to be drawn. Individually each of such samples may not be tested for a complete set of parameters prescribed in Indian Standards, as in many cases it may lead to duplication of efforts. Parameters may be identified and rotated among these higher numbers of drawn samples for overall performance assessment. However, few of these samples should still be tested completely for all the parameters in the Indian Standard.

**3.4** In the food sector, FSSAI focussing on staple food planned 'flash surveillance' focussing on identified products. The product samples are tested in independent testing for selected parameters. In 2022, about 25,000 samples were drawn for independent testing and additionally state authorities also undertake their market surveillance activities. Unlike routine plans which happen periodically, flash surveillance involves spontaneous and often unannounced surveillance operations. During flash surveillance, focus is on specific areas or products of concern based on emerging risks, consumer complaints, or intelligence gathered through various channels. BIS can also add such additional elements in its market surveillance approach to supplement the overall market surveillance sample targets.

**3.5** The market surveillance operations of BIS should also extend to and cover E-commerce platforms. As this is an emerging area and e-commerce platforms are driving the sales growth in common consumers items, dedicated focus to cover e-commerce platforms is required.

**3.6** The committee noted that there are more than 23,500 licences under the product registration scheme of BIS. More than 22,000 of them are for Electronic & IT goods notified by MeitY. These are important consumer items which involve safety aspects. Provision of factory inspection is not available under the product registration scheme. However, the available provision for purchase of samples from the market should be utilised. MeitY which has taken over the role to undertake market surveillance for these products should also enhance the samples procurement and share information with BIS.

**3.7** The committee noted that the authorities are working on development of an overall market surveillance framework at the National level. The product categories like food, drugs, cosmetics, explosive items are of very high risk and need enhanced surveillance. If all products at the National level are considered, then the desired level of market surveillance could be even much higher than the figure of 10 lakh. However, most of these items are beyond the scope of BIS activities. The committee members liaising with the associated authorities on the subject of national level market surveillance framework may take note of desirable level of sample drawl figures.

**3.8** As a restructuring measure at the Government level, the food products would be exclusively dealt by FSSAI including the certification and surveillance aspects. After the notification to this regard is published by FSSAI, the certification base available with BIS to carry out its surveillance activities would be temporarily reduced by about 8,000 licences.

#### **4. Conclusion and recommendations of the committee**

**4.1** The market surveillance efforts of BIS should extend beyond the efforts to annually cover each individual certified manufacturer. In addition, during the market surveillance operations, focus should be kept to draw the maximum possible number of varieties covered under scope of certification of each certified manufacturer.

**4.2** BIS may consider increased market surveillance frequency. The complete testing as per relevant Standards in independent laboratory may be limited to a few samples. For other samples, independent testing in laboratory may be limited to certain parameters of the relevant Standards.

**4.3** In addition to routine plans, elements like flash surveillance may be added by BIS and may consider to supplement its market surveillance activities. These flash surveillances may cover selected focussed products every year on a rotation basis. For selection of production, market intelligence and consumer complaints may be taken as feedback for input triggers.

**4.4** BIS may also consider pro-active market surveillance for covering the products sold on e-Market Place and online apps.

**4.5** For the Electronic & IT products, MeitY has taken responsibility for market surveillance. MeitY may be requested to share information about market surveillance undertaken by it for electronic & IT products covered under BIS registration scheme.