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BUREAU OF INDIAN STANDARDS

MINUTES

Name of the Committee	No. of Meeting	Day	Date	Time	Mode	Venue
Solid Electrical Insulating Materials and Insulation Systems Sectional Committe (ETD 02)	28th	Wednesday	11/09/2024	1500 h	Hybrid	Mimaansa (White Room) BIS HQ, New Delhi

MEMBERS PRESENT

Sl. No.	Organization	Member	Email	Mode of Participation
1	Power Grid Corporation of India, Chief GM (Engg-S/S)	Sh. S. J. Lahiri (*Chairman)*	sjlahiri@powergrid.in	Physical
2	Bureau of Indian Standards, New Delhi	Sh. Abinash Bordoloi (*Member Secretary)*	eetd@bis.gov.in	Physical
3	3A Associates Incorporated, Vapi	Sh. Anand Gadodia	akgadodia@3aassociate.com	Virtual
4	BSES Yamuna Power Limited, New Delhi	a) Sh. Puneet Duggal b) Sh. Abhishek Vashistha	a) puneet.duggal@relianceada.com b) abhi.vashistha.ee@gmail.com	Virtual
5	Bharat Heavy Electricals Limited, New Delhi	a) Sh. Surya Prasad MNV b) Smt. Ratnadeepika Kommuri	a) mnvsprasad@bhel.in b) krdeepika@bhel.in	Virtual
6	Central Electricity Authority, New Delhi	Sh. Bhanwar Singh Meena	bhanwar.cea@gov.in	Virtual
7	Central Power Research Institute, Bengaluru	Ms Ashitha P N	ashitha@cpri.in	Virtual
8	Consumer Voice, New Delhi	Sh. H Wadhwa	technical@consumer-voice.org	Virtual
9	Dupont, India	Sh. Sailesh Purohit	saileshpurohit@gmail.com	Virtual
10	Electrical Research & Development Association, Vadodara	Ms. Sneha Sheth	sneha.sheth@erda.org	Physical
11	Fine Finish Organics Pvt. Ltd, Mumbai	a) Dr. G. S. Prabhu b) Ms. Karishma Prabhu	a)gopalakrishna.prabhu@finefinish.net b) karishma.prabhu@finefinish.net	Virtual
12	National Test House, Ghaziabad	Sh. Ritu Raj Srivastava	r.srivastava@nth.gov.in	Virtual
13	Sabic Research & Technology Private Limited, Bengaluru	Sh. Sunil Kumar Rauto	sunil.rauto@sabic.com	Virtual

14	Schneider Electric India Private Limited, Gurugram	Sh. Satheesh Kumar Paramasivam	Satheesh.paramasivam@se.com	Virtual
15	Electrical Testing Centre, Vadodara	Sh. Nilesh Pandya	etc@etcglobal.in	Virtual
16	National Institute of Technology, Warangal	Dr. Palash Mishra	pmishra@nitw.ac.in	Virtual
17	* 3 M Electro & Communication Pvt. Ltd	a) Sh. Sanjay Jha b) Sh. Permeet Singh c) Sh. Ashish Agarwal	a) sjha@mmm.com b) psingh@mmm.com c) aagrawal@mmm.com	* Invitee

Item 0 GENERAL

0.1 Welcome and Opening Remarks by the Chairman

Sh. S. J. Lahiri, Chairman welcomed all the members present in the meeting. He requested the to participate actively in the discussions during the course of the meeting.

Sh. Abinash Bordoloi, Member Secretary welcomed all the members present in the meeting. He briefed about the agenda items of the meeting. He also briefed the committee about the sector wise classification of Sectional Committees, Structuring of Working Groups/Panels as per the Sector wise classification of the Sectional Committee, Designation of IEC Projects as per Level of Interest (High/Medium/Low), Designation of Experts against the IEC Projects and working groups under IEC TCs, Roles and Responsibilities of the designated experts, Debriefing the committee about the discussions held in the working group meetings by the experts designated in the various working groups of IEC TCs after attending the meetings of the working groups, International Relations (IR) Portal. He further requested the members to ensure participation in all the meetings of the committee and wished for the active participation of the members in the discussions during the meeting.

Item 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The minutes of the 27th Meeting of ETD 02- Solid Electrical Insulating Materials and Insulation Systems Sectional Committee held on 19.06.2024 has been confirmed by the committee.

Item 2 COMPOSITION OF ETD 02-SOLID ELECTRICAL INSULATING MATERIALS AND INSULATION SYSTEMS SECTIONAL COMMITTEE

2.1 The committee noted the composition of ETD 02-Solid Electrical Insulating materials and Insulation Sectional Committee as given in Annex 1 of the agenda.

2.2 The committee noted the status of participation of Members in previous two meetings as given in Annex 2 of the agenda.

2.3 The committee noted the sector wise classification of ETD 02 Sectional Committee as given in Annex 3 of the agenda. It has been decided to restructure the composition of the existing working panels and constitute new working panels in line with the sector wise classification of ETD 02 Sectional Committee in consultation with the chair. Furthermore, it has been decided to remove the inactive members from the Working Panels and Working Groups in consultation with the Chair.

2.4 a) The committee requested the members of 3 M Electro & Communication Pvt. Ltd present during the meeting to introduce themselves. The members introduced themselves to the committee. After deliberations, Nomination/Co-option requests of M/s 3 M Electro & Communications Pvt. Ltd was accepted by the committee.

b) CV's of the nominated members of M/s NTPC Limited were not available and therefore couldn't be presented to the committee during the meeting. However, after deliberations, the committee accepted the Nomination request of NTPC Limited and requested the Member Secretary to circulate the CV's/Profile of the nominated members from NTPC Limited.

Item 3 ACTIONS ARISING OUT OF PREVIOUS MEETING

Sl. No.	Item No. of last minutes	Subject	Decision taken during the last meeting.	Decision taken during the meeting
2	5.0	NWIP-Heat Shrinkable Sleeve Testing	It has been decided to study the IEC Standards available on 'Heat Shrinkable Sleeves' and their test methods and explore the possibility of their adoption as Indian Standards. The working Panel 2 has been requested to complete the study before the next meeting of the ETD 02 Sectional Committee. It has also been decided to obtain inputs from the relevant stakeholders with respect to the usage of Dual Wall and Triple Wall Heat Shrinkable Sleeves. Decision with respect to the finalization of Draft TOR on 'testing of heat Shrinkable Sleeves' has been deferred by the committee due to the aforesaid reasons.	It was informed to the committee by the Member Secretary that the subject has also been given to an intern Ms. Prajakta Pawar as an internship project for submitting a pre-standardization report on the same. The report was awaited and would be circulated to the committee on receipt of the same. Working Panel 2 has been asked to complete the study of IEC Standards available on 'Heat Shrinkable Sleeves' and examine the pre-standardisation report on Heat Shrinkable Sleeves after circulation and submit a report to the committee. Decision on the TOR will be taken after receipt of the report of the Working Panel 2.

Item 4 PRESENT POSITION OF WORK OF ETD 02 SECTIONAL COMMITTEE

The committee noted the present position of work of ETD 02 Sectional Committee as given in Annex 4 of the agenda.

Item 5 REVIEW OF INDIAN STANDARDS FOR REVISION/REAFFIRMATION

5.1 The committee noted the list of Indian Standards due for review as mentioned in Annex 5 of the agenda. It was informed by the Member Secretary that the reports of the Action Research Projects (ARP) submitted by the BIS officers have been circulated to the members of ETD 02 Sectional Committee through Standards Portal and requested the members to review and provide inputs on the reports so that decision for further course of action (i.e. Revision/Reaffirmation/Archiving/Withdrawal) can be taken.

5.2 Indian Standards adopted /Harmonized with IEC which are due for review

The committee decided to review the standards mentioned at Annex 6 and Annex 7 in the agenda (except for the standards reaffirmed in the last meeting dated 19.06.2024) and submit a report on the further course of action (i.e. Revision/Reaffirmation/Archiving/Withdrawal) by 24.09.2024.

5.3 Revision of IS 7809 (Series) and IS 15652:2006

a) The Committee decided to constitute a working panel for the revision of IS 7809 (Series) in consultation with the chair. The Working panel would review the report submitted by intern Sh. Apoorv Chauhan, prepare and submit the draft for the revision of IS 7809 (Series) before the next meeting of ETD 02 Sectional Committee.

b) The committee requested Working Panel 01 constituted for the revision of IS 15652:2006 to complete the examination of all the comments received on IS 15652, review the report submitted by intern Sh. Annu Kumari and submit a report by 24.09.2024.

5.4 Indian Standards Published/Reviewed:

The committee noted the list of Indian Standards Published/Reviewed.

Item 6 COMMENTS RECEIVED ON INDIAN STANDARDS UNDER ETD 02-SOLID ELECTRICAL INSULATING MATERIALS AND INSULATION SYSTEMS SECTIONAL COMMITTEE

The committee requested Working Panel 01 constituted for the revision of IS 15652:2006 to complete the examination of all the comments received on IS 15652, review the report submitted by intern Sh. Annu Kumari and submit a report by 24.09.2024

6.1 Comments by M/s 3 M Electro & Communications Pvt. Ltd on IS 7809 (Part 3/Sec 1): 1986

Sh. Sanjay Jha briefed the committee regarding the comments submitted by M/s 3 M Electro & Communications Pvt. Ltd on IS 7809 (Part 3/Sec 1): 1986. After deliberations, the following inputs have been provided by the committee.

Sl. No.	IS 7809 (Part 3/Sec 1)	3M Professional Grade Electric Tape (3M Super 33+/Scotch 35/Super 88)	Reason for not covered under BIS	Remarks of the Committee
1	IS : 7809 (P a r t 3/Sec 1) - 1986 "2. TYPES AND DESIGNATION 2.1 The tapes have been classified in two types. The tapes with their designations are given below. 2.1.1 *General Purpose Type* — This type is suitable for application at temperature above 0°C, and designated as F-PVC/90/0/Tp. NOTE — Experience has shown that these tapes have a temperature index of 90. 2.1.2 *Low Temperature Application Type* — This type is suitable for application at temperature not less than —18°C, and designated as F-PVC/75/18/T. NOTE — Experience has shown that these tapes have a temperature index of 75. "	3M professional grade tapes are suitable for applications at temperatures above -18°C and up to 105°C. This application temperature range is needed for applications as determined by end-users, where general use or low temperature vinyl electrical tape, as defined in IS 7809-3-1, is not a suitable option.	IS 7809-3-1 does not include a type as 'Professional grade' that have a designation as F-PVC/105/-18/Tp that is appropriate for temperature ratings of 3M tapes. To our understanding, there is a limitation to manufacture such tapes in India due to the limitations of current state of indigenous manufacturing technology of the film as well as adhesives.	Comments with respect to inclusion of tapes having temperature ranges -40°C to 105°C, - 40°C to 85°C, -40°C to 125°C and -18°C to 80°C in IS 7809 (part 3/Sec 1) have already been discussed and clarified in the 27th ETD 02 Sectional Committee meeting dated 19.06.2024. The variety mentioned by the 3M also falls under the similar category of temperature ranges i.e. -18 to 105 deg. C. The comments received with respect to the temperature ranges have been noted and will be taken into consideration during the revision of IS 7809 (Part 3/Sec 1): 1986.

2	BIS Standard does not restrict use of hazardous chemicals like Di Octyl Phthalate in line with RoHS requirements. Use of PVC film having this hazardous ingredient is quite common in India, while internationally, compliance to RoHS is widely expected.	All 3M tape variants incorporate materials which are safer and user friendly. 3M tapes are ROHS compliant which guarantees that it doesn't contain any DOP.	The PVC film material used by 3M is of different category that eliminates use of DOP and is therefore safer for the end user. It involves superior material technology which should not be treated at par with DOP containing formulations which is nowadays outdated.	The comments have been noted and will be taken into consideration during the revision of IS 7809 (Part 3/Sec 1): 1986.
3	Standard does not cover tapes for outdoor applications. This is an important application need and for critical indoor and outdoor operations as determined by many end-users, where vinyl electrical tape meeting IS 7809-3-1is not a suitable option. Inadvertent use of such tapes can lead to higher maintenance and breakdown costs in the industry.	3M tapes are specially developed considering outdoor application requirements like UV & weathering resistance and provide protection to equipment where used. The colors of 3M tapes are fade resistant over years of exposure to outdoor conditions	The PVC film material used by 3M is of different category that provides outdoor performance. It should not be treated at par with tapes meeting IS 7809-3-1 which are not even intended for outdoor applications. Outdoor application tapes serve a different customer need and belong to a completely different type and class of tapes not covered under IS 7809-3-1.	Tests i.e. UV & Weathering Resistance and Colour Fastness are not covered in IS 7809 (Part 3/Sec 1): 1986. However, the comments have been noted and will be taken into consideration during the revision of IS 7809 (Part 3/Sec 1): 1986.
4	Testing Facility Shortcomings - We have encountered significant challenges with the recommended testing laboratories, as they don't offer comprehensive testing against the standard. This makes it challenging to conduct a 3rd party test against all the requirements of the standard.	3M professional grade tapes are tested extensively at 3M labs in US according to UL and CSA requirements which are more comprehensive and relevant to cover the tape parameters as explained above. We are proud that 3M tapes are widely regarded as the gold standard in terms of performance and quality.	We seek your assistance in making suitable updates to the IS standard to cover the relevant parameters as detailed above and help with comprehensive test lab facilities that can support independent testing in India.	Complete Testing Facilities are available in the BIS recognised laboratories as per IS 7809 (Part 3/Sec 1):1986. The details of the laboratories are available on the BIS website. The laboratories recognized by BIS for testing as per a particular Indian Standard are communicated for submission of compliance to the requirements of the revised standard within a time specified by the Competent Authority whenever that Indian Standard is revised.

Item 7 NEW WORK ITEM PROPOSAL ON 'TESTING OF HEAT SHRINKABLE SLEEVES'

It was informed to the committee by the Member Secretary that the subject has also been given to an intern Ms. Prajakta Pawar as an internship project for submitting a pre-standardization report on the same. The report was awaited and would be circulated to the committee on receipt of the same. Working Panel 2 has been asked to complete the study of IEC Standards available on 'Heat Shrinkable Sleeves' and examine the pre-standardisation report on Heat Shrinkable Sleeves after circulation and submit a report to the committee. Decision on the TOR will be taken after receipt of the report of the Working Panel 2.

Item 8 QUERIES RECEIVED ON AVAILABILITY OF INDIAN STANDARDS ON 'SILICON SLEEVES FOR OVERHEAD CONDUCTORS'

It was informed to the committee by the Member Secretary that the subject has also been given to an intern Sh. Nawaz Mandevali as an internship project for submitting a pre-standardization report on the same. The committee requested the Member Secretary to circulate the pre-standardisation report on 'Silicone Sleeves for overhead conductors' to the ETD 02 Sectional Committee on receipt of the same from intern Sh. Nawaz Mandevali, for review. Further, it has been decided that the committee may collect inputs from utilities and relevant stakeholders with respect to the usage of 'Silicon Sleeves for Overhead Conductors', that may be useful for the formulation of Indian Standard on the same.

Item 9 INTERNATIONAL ACTIVITIES

9.1 The committee noted the Programme of Work (POW) of IEC TC 15 and IEC TC 112 as given in Annex 8 of the agenda.

9.2 The committee noted the balloting details pertaining to IEC TC 15 and IEC TC 112 as given in Annex 9 of the agenda.

9.3 a) The committee decided to review all the Indian standards which have been adopted from the IEC Standards; whenever the corresponding base IEC standards get revised.

b) The committee noted the list of published IEC standards corresponding to IEC TC 15 and IEC TC 112 as given in Annex 10 of agenda.

9.4 Nomination of Experts in WG-1, WG-3, WG-4, WG-5 and WG-8 under IEC TC 112

Sl. No	Working Group under IEC TC 112	Name and Organization of the Nominated Experts
1	WG 1-Thermal Endurance	Ms. Sneha Sheth, ERDA Vadodara
2	WG 3- Electric Strength	a. Ms. Sneha Sheth, ERDA Vadodara b. Mr. Abinash Bordoloi, BIS
3	WG 4- Dielectric/Resistive Properties	Ms. Sneha Sheth, ERDA Vadodara
4	WG 5- Tracking	a. Ms. Sneha Sheth, ERDA Vadodara b. Mr. Abinash Bordoloi, BIS
5	WG 8-Various Material Properties	Ms. Sneha Sheth, ERDA Vadodara

The committee approved the nomination of Ms. Sneha Sheth (ERDA Vadodara) as an expert in Working Groups (WG-1, WG-3, WG-4, WG-5 and WG-8) and Sh. Abinash Bordoloi (BIS) as an expert in Working Groups (WG-3, WG-5) under IEC TC 112.

9.5 Review of the Projects under IEC TC 15 and IEC TC 112 and designation of experts

The committee reviewed the following projects under IEC TC 14 and designated experts against them.

Sl. No.	Project No.	Title of the Project	TC	WG/MT/PT	Level of Interest (High/Medium /Low)	Designated Expert
1	112/628/NP	Electrical insulating Materials and Systems-DC Voltage Endurance Evaluation	TC 112	WG-3	High	a. Ms. Sneha Sheth, ERDA, Vadodara b. Ms. Ashitha Parambalath Narendran, CPRI Bengaluru
2	112/644/NP	Evaluation of hydrophobicity retention of polymeric insulating materials under high	TC 112	WG-5	High	a. Ms. Sneha Sheth, ERDA, Vadodara

		voltage stress with the dynamic drop test.				b. Ms. Ashitha Parambalath Narendran, CPRI Bengaluru c. Dr. Palash Mishra, NIT Warangal
3	112/643/CDV	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	TC 112	WG-5	High	a. Ms. Sneha Sheth, ERDA, Vadodara b. Ms. Ashitha Parambalath Narendran, CPRI Bengaluru
4	112/654/CD	Recommended test methods for determining the relative resistance of insulating materials to breakdown by surface discharges	TC 112	WG-3	High	a. Ms. Sneha Sheth, ERDA, Vadodara b. Ms. Ashitha Parambalath Narendran, CPRI Bengaluru
5	112/635/CD	Electrical insulating materials -Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results	TC 112	WG-1	High	a. Ms. Sneha Sheth, ERDA Vadodara b. Dr. Nilesh Pandya, Electrical Testing Centre, Vadodara
6	15/986/NP	Specification for cellulosic papers for electrical purposes – Part 3: Specifications for individual materials – Sheet 6: Press paper	TC 15	PT 60554-3-6	Medium	Ms. Sneha Sheth, ERDA Vadodara
7	15/1034/CDV	IEC 60684-2 ED4 Flexible insulating sleeving - Part 2: Methods of test	TC 15	WG-5	High	a. Ms. Sneha Sheth, ERDA Vadodara b. Ms. Ashitha Parambalath Narendran, CPRI Bengaluru

9.6 Review of Nominated Experts in IEC TC 15 and IEC TC 112

9.6.1 The committee noted the experts removed from the working groups under IEC TC 112.

9.6.2 a) The committee reviewed the nominated experts in the various working groups of IEC TC 112 as given in Annex 11 of the agenda and decided to remove the following expert since the expert is no longer a member of ETD 02 Sectional Committee.

Sl. No.	Name of the expert	Technical Committee	Working Groups
1	Mr. R Sarathi	IEC TC 112	a. WG-3 (Electric Strength) b. WG-4 (Dielectric/Resistive Properties) c. WG-5 (Tracking)

b) The committee has nominated the following members of ETD 02 Sectional Committee as experts in the working groups under IEC TC 112 and IEC TC 15 as given in table 1 and table 2 below.

Table 1- Experts nominated in the working groups under IEC TC 112

Sl. No	Working Group under IEC TC 112	Name and Organization of the Nominated Experts
1	WG 1-Thermal Endurance	a. Ms. Sneha Sheth, ERDA Vadodara b. Dr. Nilesh Pandya, Electrical Testing Centre, Vadodara
2	WG 3- Electric Strength	a. Ms. Sneha Sheth, ERDA Vadodara b. Mr. Abinash Bordoloi, BIS
3	WG 4- Dielectric/Resistive Properties	Ms. Sneha Sheth, ERDA Vadodara
4	WG 5- Tracking	a. Ms. Sneha Sheth, ERDA Vadodara b. Dr. Palash Mishra, NIT Warangal c. Mr. Abinash Bordoloi, BIS
5	WG 6-General Methods of Evaluation of Electrical Insulation Systems	Sh. Sunil Kumar Rauto, Sabic Research & Technology Private Limited, Bengaluru
6	WG 8-Various Material Properties	Ms. Sneha Sheth, ERDA Vadodara

Table 2- Experts nominated in the working groups under IEC TC 15

Sl. No	Working Group under IEC TC 15	Name and Organization of the Nominated Experts
1	WG 5-Flexible insulating sleeving for electrical purposes	a. Ms. Sneha Sheth, ERDA Vadodara b. Mr. Anand Gadodia, 3 A Associate Incorporated, Vapi
2	WG 6- Rigid fibrous reinforced laminates for electrical purposes	a. Mr. Anand Gadodia, 3 A Associate Incorporated, Vapi b. Dr. G S Prabhu, Fine Finish Organics Pvt. Ltd, Mumbai
3	WG 7- Resins and Varnishes	a. Ms. Sneha Sheth, ERDA Vadodara b. Dr. G S Prabhu, Fine Finish Organics Pvt. Ltd, Mumbai
4	PT 60554-3-6 IEC 60554-3-6 Specification for cellulosic papers for electrical purposes Part 3: Specifications for individual materials, Sheet 6: Requirements for press paper, types P.2.1, P.4.1, P.4.2, P.4.3 and P.6.1	Ms. Sneha Sheth, ERDA Vadodara
5	MT 10-Combined Flexible Materials	a. Ms. Sneha Sheth, ERDA Vadodara b. Mr. Anand Gadodia, 3 A Associate Incorporated, Vapi
6	MT 14- Pressboard and Related Material	a. Ms. Sneha Sheth, ERDA Vadodara b. Mr. Raju Jaiswal, PGCIL Gurugram
7	MT 15- Cellulosic paper products	a. Ms. Sneha Sheth, ERDA Vadodara b. Mr. Raju Jaiswal, PGCIL Gurugram
8	MT 16- Miscellaneous	a. Mr. Sanjay Jha, 3 M Electro & Communications Pvt. Ltd b. Mr. Abinash Bordoloi, BIS
9	JMT 60076-26-Functional requirements of insulating liquids for use in power transformers Managed by TC 14	Ms. Sneha Sheth, ERDA Vadodara

Item 10: Participation of Indian Delegation in the Plenary Meeting of IEC TC 112 scheduled in Viena (Austria) on 04th October 2024.

Indian Delegation comprising of Mr. Abinash Bordoloi (BIS) and Ms. Sneha Sheth (ERDA, Vadodara) briefed the committee about the projects that are included in the agenda and will be taken up for discussion during the plenary meeting of IEC TC 112. The committee was briefed about the projects on which comments/inputs have been submitted/provided by India and have been indicated as high level of Interest by India. Additional Inputs (If any) were sought from the members during the meeting. However, there was no additional inputs from the

committee on the same. The committee expressed its agreement with the comments/inputs provided by India on the projects and extended best wishes to the delegation for the upcoming meeting.

Item 11: **Participation of Indian Delegation in the Technical Committee meetings under IEC TC 15 scheduled in Vienna, Austria during 11/11/2024 to 14/11/2024.**

It was informed by the Member Secretary that update with respect to the participation in the IEC TC 15 meetings have been received from the nominated delegates (Ms. Sneha Sheth (ERDA, Vadodara) and Ms. Ashitha PN (CPRI, Bengaluru)). However, update with respect to the participation were awaited from the nominated delegates (Sh. S J Lahiri (PGCIL, Gurugram), Sh. Raju Jaiswal (PGCIL, Gurugram) and Sh. Anand Gadodia (3A Associates Incorporates). They were requested to submit confirmation on their participation in IEC TC 15 meetings scheduled during 11/11/2024 to 14/11/2024 in Vienna (Austria) by 20/09/2024.

Item 12: Inputs on Bondable Silicon Rubber Tapes

It was informed by the member secretary that inputs from the utilities and relevant stakeholders with respect to the usage of 'Bondable Silicone Rubber Tapes used for Electrical Insulation is to be collected as decided during the last meeting. The committee has been requested to obtain inputs from utilities and relevant stakeholders with respect to the usage of 'Silicon Sleeves for Overhead Conductors', that may be useful for the formulation of Indian Standard on the same.

Item 13 DATE AND PLACE FOR THE NEXT MEETING

It has been decided to hold the next meeting in Physical mode in the next quarter as per the Annual Action Plan for Standardization (2024-2025) in consultation with the Chair. The venue will be decided after consultation with the chair. The feasibility of holding the meeting at an MOU Partner Institute of BIS will also be explored.

Item 14 ANY OTHER BUSINESS

There being no other business, the meeting ended with a vote of thanks to the chair and other members of the committee.