

**BUREAU OF INDIAN STANDARDS**  
**ELECTROTECHNICAL DEPARTMENT (ETD)**  
**RESOLUTIONS OF SECTIONAL COMMITTEE MEETING**

<b>Sectional Committee</b>	<b>Meeting No</b>	<b>Date</b>	<b>Mode</b>
Solid Electrical Insulating Materials and Insulation Systems Sectional Committee (ETD 02)	28 <sup>th</sup>	11/09/2024	Hybrid
<b>Chairperson</b> Sh. S. J. Lahiri		<b>Member Secretary</b> Shri Abinash Bordoloi	

**Resolution 1**

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

**Resolution 2**

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.

**Resolution 3**

- a. The co-option requests of M/s 3 M Electro & Communications Pvt. Ltd and M/s NTPC Limited have been accepted by the committee.
- b. CV's/Profile of the nominated members from NTPC Limited to be circulated with the committee.

**Resolution 4**

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 is awaited and will 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 and submit a report to the committee by 25.09.2024. Decision on the TOR will be taken after receipt of the report of the Working Panel 2.

**Resolution 5**

- a) It has been decided to constitute a working panel for the revision of IS 7809 (Series) in consultation with the chair. The Working Panel to examine the review 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) ETD 02 Sectional committee 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.
- c) Working Panel 01 constituted for the revision of IS 15652:2006 to complete the examination of the comments on IS 15652 and submit a report by 24.09.2024.

**Resolution 6**

The pre-standardisation report on Silicone Sleeves for overhead conductors to be circulated to the ETD 02 Sectional Committee on receipt of the same from intern Sh. Nawaz Mandevali, for review by the committee. The committee to 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..

**Resolution 7**

- 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	

b) The committee has ratified 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.

**Resolution 8**

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.

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-Variou s Material Properties	Ms. Sneha Sheth, ERDA Vadodara

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

**Resolution 9**

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 voltage stress with the dynamic drop test.	TC 112	WG-5	High	a. Ms. Sneha Sheth, ERDA, Vadodara 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

**Resolution 10**

The nominated delegates (Sh. S J Lahiri, Sh. Raju Jaiswal, Sh. Anand Gadodia) have been 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.

**Resolution 11**

ETD 02 Sectional Committee to 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.

\*Note: The detailed Minutes of the Meeting will follow.