

BUREAU OF INDIAN STANDARDS

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MINUTES

**Eighteenth meeting of Fibre Optics, Fibres, Cables
and Devices Sectional Committee, LITD 11**

दिनांक/DATE 21 नवम्बर /November 2023 दिन / DAY : मंगलवार/Tuesday समय / TIME : 1100 बजे h	स्थान / Venue मीमांसा मानक भवन भारतीय मानक ब्यूरो 9, बहादुर शाह ज़फर मार्ग, नई दिल्ली- 110002 White Room, Manak Bhavan, Bureau of Indian Standards 9, B.S.Z. Marg Delhi -110002
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Members Present:

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| 1. Chairman Shri Rakesh Desai | 2.Member Secretary Shri Bipin Jambholkar |
| 3. Shri Narendra Jain | Birla Ericsson Optical Ltd |
| 4. Shri V. P. Singh | Birla Ericsson Optical Ltd |
| 5. Dr. Samir Mondal | CSIR - Central Scientific Instruments Organisation |
| 6. Dr. Somnath Bandyopadhyay | CSIR - Central Glass and Ceramic Research Institute |
| 7. Shri Prashant Kr. Rathore | Centre for Development of Telematics (C-DOT) |
| 8. Shri Saurabh Kumar Singh | Consumer Electronics and Appliances Manufacturers Association (CEAMA) |
| 9. Shri Sanjay Kumar Sharma | Directorate General of Aeronautical Quality Assurance (DGAQA) |
| 10. Brig Rajeev Negi | Directorate General of Quality Assurance (DGQA) |
| 11. Dr. PS Porwal | Ministry of Defence, Dte. Of Standardisation |
| 12. Shri Mukund Sawant | Finolex Cables Ltd |
| 13. Shri Shaikh Sadik | Finolex Cables Ltd |
| 14. Shri Stanley Chand | Himachal Futuristics Communication Ltd |
| 15. Prof. Rajesh Kumar | Indian Institute of Technology, Roorkee |
| 16. Prof. Vipul Rastogi | Indian Institute of Technology, Roorkee |
| 17. Dr. Samuel Varghese | Nest Group,SFO Technologies Pvt Ltd |
| 18. Shri Roshan Kumar | Sterlite Technologies Limited |
| 19. Prof. N K Goyal | Telecom Equipment Manufactures Assn. of India |
| 20. Shri Sandeep Aggarwal | Telecom Equipment Manufactures Assn. of India |
| 21. Dr. Ranjan Sen | In Personal Capacity |

Invitees from IIT/NIT(s) :

22. Prof. Deepak Jain IIT, Delhi

Other participants/Invitee

23. Shri Udit Dogra Polycab India Limited

24. Shri Rajkumar Patel Polycab India Limited

25. Shri Balram Mishra. Usha Martin Company

26. Shri Swapnil Gaikwad Usha Martin Company

REGRETS (Attending IEC TC 86 Meetings)

27. Shri Komal P Barhate Directorate General of Aeronautical Quality Assurance (DGAQA)

28. Shri Sudipta Bhaumik Sterlite Technologies Limited

ITEM 0 WELCOME

0.1 Member Secretary welcomed all members and invitee to the eighteenth meeting of LITD 11. Shri Rakesh Desai, Chair LITD 11 also expressed a warm welcome to the members and invitee who were present either physically/online for the meeting.

Member Secretary informed about the main Agenda points of the meeting, one of which was to approve the Research and Development project while forming the Standards as per Indian requirements. He also informed the members that all Standardization work of BIS is being carried out through its portal only. He requested all members to login themselves if not already done so. In case of any difficulty, they may contact member secretary for resolution.

ITEM 1 FORMAL CONFIRMATION OF THE MINUTES OF LAST MEETING

1.1 The Committee after deliberations formally confirmed the minutes of 17th meeting of LITD 11 held on 6th July 2023, which were circulated vide BISDG letter LITD 11/A-2.17 dated 31st July 2023.

ITEM 2 COMPOSITION OF LITD 11

2.1 The Committee noted the composition of Fibre Optics, Fibres, Cables and Devices Sectional Committee LITD 11, which was given in ANNEX 1 (Pg 6-7) of the Agenda. The committee decided to write to all the members who have not attended last 3 sectional

meetings from next (19th) meeting onwards for requesting fresh nomination and active participation in the meeting.

ITEM 3 DRAFT INDIAN STANDARDS FOR FINALIZATION

3.1 The Committee noted the Draft Standards were sent for comments under wide circulation from time-to-time. It was decided to discuss the finalization of the Standards in the next meeting of LITD 11.

ITEM 4 PRESENT POSITION OF WORK OF LITD 11

4.1 The Committee noted the present position of work of LITD 11 as given in Annex 2 (Pg 8-11) of the Agenda.

4.1.1 Committee noted proposal of LITD 06 to circulate formulated IEC 62807-1: 2017, IEC 62807-3: 2023 and IEC 62807-3-10: 2023. These three Standards were formulated by joint efforts of IEC SC 46 C and IEC SC 86A.

4.2 & 4.2.1 Member Secretary informed that as per the BIS procedure, every Sectional Committee (SC) review the published Indian Standards formulated by Electronics and Information Technology Department (LITD) every 3 years for revision/reaffirmation.

4.3 Committee noted the latest status of standards to be reviewed along with the status of the ISO/IEC standards, on which they are based. The detail regarding Standards under review were requested by the members and the same were circulated as Action Research Project (ARP) through email on 19th Sept 2023 to all members. After deliberation, Committee decided to reaffirm the following Standards.

Sl. No	IS.No.	Title	Reaffirmation date
1	IS 15480 (Pt 1/ Sec 2018) : 2021	Fibre Optic Interconnecting Devices And Passive Components Fibre Optic Passive Power Control Devices Part 1: Generic Specification (1st Revision)	Mar 2024
2	IS 16180 (Pt 1) : 2014	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces: Part 1 General and guidance	Dec 2023
3	IS 16282 : 2014	Fibre Optic Graphical Symbolology	Sep 2023
4	IS 16283 : 2014	Fibre Optic Terminology	Dec 2023
5	IS 16285 : 2020	End-face Image Analysis Procedure for the Calibration of Optical Fibre Geometry Test Sets (1st Revision)	Jul 2023
6	IS 16438 (Pt 1) : 2021	Fibre optic interconnecting devices and passive components Performance standard Pt 1: General and guidance (1st Revision)	Mar 2024
7	IS/IEC 60794-2 : 2017	Optical fibre cables Pt 2 Indoor cables Sectional specification (1st Revision)	Mar 2024
8	IS/IEC 60794-2-11 : 2020	Optical fibre cables Pt 2 Indoor cables Section 11 Detailed specification for simplex and duplex cables for use in premises cabling (1st Revision)	Feb 2024
9	IS/IEC 61757 : 2018	Fibre Optic Sensors - Generic Specification	Jul 2023

4.4 & 4.5 In addition to Standards due for review, the list of Indian standards whose base ISO/IEC standards have been revised/withdrawn were also deliberated by Committee and decided to discuss in detail in next meeting of LITD 11.

ITEM 4.6 Panel for Review of Indian Standards

It was decided to discuss the Panel minutes in next meeting.

ITEM 5 Research and Development Project

5.1 The Committee noted the BIS Guidelines for Research & Development Projects for Formulation and Review of Standards.

5.2 One of the proposals for R&D Project

Committee discussed the Term of Reference of Research and Development Project of "**Requirements for the Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres**" The Committee decided to deliberate on R&D project in further meetings,

ITEM 6 INTERNATIONAL STANDARDIZATION ACTIVITIES

6.1 The Committee noted the information given in the agenda for the meeting.

6.1.2 Committee decided that India Status may be upgraded as P-Member in IEC TC 86C also.

6.2 The committee noted the list of standards published by IEC TC 86, SC 86A, SC 86B & SC 86C as given at Annex 3 of Agenda.

6.3 The committee noted the list of experts of the working groups under IEC/TC 86 and its Sub-Committees as circulated in the minutes of 17th meeting.

All members were requested to contribute as an expert in IEC TC 86 and its SCs based on their experience. The committee noticed that few members have requested for nomination as an expert in IEC TC 86 and its Sub Committees/Working Groups. It was decided that Members will submit a short profile for the Subcommittee/Working Groups to be nominated. It will be discussed in next meeting.

ITEM 7 ANY OTHER ITEM

ITEM 8 DATE AND PLACE FOR THE NEXT MEETING

8.1 It was decided to hold the next meeting in consultation with the chair.

8.2 As there is no other business, the meetings ended with thanks to the Chair and the members present.