

**BUREAU OF INDIAN STANDARDS****Minutes**

<b>Committee Name</b>	<b>Meeting No</b>	<b>Date &amp; Time</b>	<b>Mode</b>
Railway Electric Traction Equipments and Systems Sectional Committee, ETD 47	05	16 May 2024 (Thurs) 1100 h	Online

**Chairman :** Shri Jagdish Kumar**Member Secretary :** Shri Emanuel Abhishek Murmu**Members Present :**

<b>Sr. No.</b>	<b>Name</b>	<b>Organization</b>	<b>Email</b>
1	Shri Jagdish Kumar (Chairperson)	Delhi Metro Rail Corporation Limited, Delhi	jagdish.2390@dmrc.org
2	Shri Anand Kumar	Delhi Metro Rail Corporation Limited, Delhi	anand7495@gmail.com
3	Shri Yugal Agarwal	Central Power Research Institute, Bengaluru	yugal@cpri.in
4	Shri Ravi Singh	Electrical Research and Development Association, Vadodara	ravi.singh@erda.org
5	Shri Arvind Kumar Maurya	Dedicated Freight Corridor Corporation India Limited, New Delhi	akmaurya@dfcc.co.in
6	Shri Amit Kumar Tripathi	National High Speed Rail Corporation Limited (NHSRCL), New Delhi	dgmeleclldi@nhsrcl.in
	Shri Vinay Gupta		agmelec@nhsrcl.in
7	Shri Vishal	Indian Electrical and Electronics Manufacturers Association, New Delhi	vishal.chib@ieema.org
8	Ms. Kumari Smita	Central Electricity Authority, New Delhi	smita.cea@gov.in
9	Shri K V Koteswara Rao	Medha Servo Drives Private Limited, Hyderabad	koteswararaok@medha.com

## **ITEM 0 WELCOME & OPENING REMARKS BY THE CHAIRPERSON**

**0.1** Shri Jagdish Kumar, Chairman of ETD 47, welcomed all the members of the Committee present in the meeting. The chairman elaborated that incidentally in the past, only Indian railways used to own and run the Railway systems in India, and RDSO used to formulate standards for the construction and maintenance of the railway assets. Now Metro Rails and High Speed Rails are also constructing and maintaining the Traction assets. However, the traction system of metro rail and high-speed rail are slightly different from the conventional designs of Indian Railways. Therefore, there is a need for Indian Standards for each item used in traction systems for better interoperability and efficiency and also expressed the growing importance of the standards. He also expressed that as far as railway systems are concerned, there are no Indian Standards available except for the specifications developed by RDSO. He solicited active participation and contribution from all the members for development and finalization of Indian Standards.

**0.2** Shri Emanuel Abhishek Murmu, Member Secretary ETD 47 also welcomed everyone. He thanked everyone for participating in the meeting. He briefed the members of the various issues to be deliberated upon during the course of the meeting and requested active participation of the members in the deliberations on various issues covered in the agenda.

## **ITEM 1 CONFIRMATION OF THE LAST MEETING MINUTES**

**1.1** In view of no comments received, the committee confirmed the minutes of the last sectional committee meeting of ETD 47, held on 07 Feb 2024.

## **ITEM 2 COMPOSITION OF SECTIONAL COMMITTEE**

**2.1** The committee reviewed present composition of Railway Electric Traction Equipments and Systems Sectional Committee, ETD 47, is given at **Annex 1** of agenda.

**2.2** The co-option request of Mr Chandrashekhar A. Mane (M/s TisCon Testing & Research Institute, Pimpri-Chinchwad) was rejected by the committee due to lack of experience in Railway Traction, Design, Systems and Equipments.

The co-option requests of Mr Vijay Tukaram Wankhede (M/s VERTO Engineering Corporation, Pune) and Mr Vijay Kumar (M/s JACOBS Engineering, Mumbai) were accepted by the committee.

### ITEM 3 ACTION ARISING OUT OF THE PREVIOUS MEETING

Sr. No.	Item no. of last minutes	Subject	Decision taken during the last meeting	Action/ Remarks
1	2.1	Composition of the Committee	The committee decided to seek nomination from all Metro for co-option in the sectional committee. Contact details will be provided by DMRC.  Details awaited from DMRC	DMRC informed that it will provide the contact details of metros by the end of the day.
2	3.1	Composition of the Committee	It was decided to write to the following organizations for nominations: BEML Ltd Bombardier Alstom Crompton Greaves	The committee decided to send final reminder to the organisations for nomination.
3	3.3	Composition of the Railway Electric Traction Equipments and Systems Sectional Committee, ETD 47	1. It was observed that members from RDSO have to be updated. Dr Sujeet Mishra conveyed that he will provide contacts of RDSO. 2. It was decided to seek fresh nominations from M/s Skipper Seil Limited, Gurugram. 3. Shri Ravi Agarwal suggested co-option of MRVC.  The committee decided to write to these organizations for fresh nominations.	1. The committee decided to send reminder to RDSO for co-option. 2. The committee decided to send a final reminder to the organisations for nomination. 3. MRVC has been co-opted.

### ITEM 4 PROCESS REFORMS IN BIS

#### 4.1 Process Reforms in Formulation of Standards

The committee noted the information given in the agenda.

##### 4.1.1 Annual Action Plan for the year 2024-25

The committee noted the information given in the agenda.

- i. The committee requested Mr Anand Kumar, DMRC to review IEC 60913: 2024, 'Railway applications - Fixed installations - Electric traction overhead contact lines systems' and explore the possibility of its adoption as Indian Standard.
- ii. The committee also decided for review of SDO standard on 'Power Quality Restorer

(PQR) for 25kV and 2x25kV Traction Substation in Indian Railways' by RDSO as Indian Standard. DMRC and NHSRCL were requested to review and ratify the standard for its adoption as Indian Standard.

**4.1.2 Annual Calendar of Technical Committee Meetings**

The committee noted the information given in the agenda.

**4.1.3 Research Projects to be taken up for inclusion of empirical data and insights**

The committee noted the information given in the agenda.

**4.1.4 Closer examination of the new work item proposals received from IEC**

The committee noted the information given in the agenda.

**4.1.5 Measures to ensure effective participation by the Indian experts at IEC level**

The committee noted the information given in the agenda.

**4.1.6 National and International events to be participated.**

The committee noted the information given in the agenda.

**4.1.7 Scientific journals and periodicals to be subscribed.**

The committee noted the information given in the agenda.

**4.1.8 Creation of pool of experts**

The committee noted the information given in the agenda.

**4.1.9 Recognition of Standards of Recognised SDOs (Standards Developing Organisations) as Indian Standards**

The committee noted the information given in the agenda.

**4.2 Latest structural and process reforms**

The committee noted the information given in the agenda.

**ITEM 5 INTERNATIONAL ACTIVITIES**

The committee noted the information given in the agenda.

**ITEM 6 ANNUAL CALENDAR OF TECHNICAL COMMITTEE MEETINGS**

The committee decided the annual meeting plan for the FY 2024-25 as follows,

<b>Sectional Committee</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
ETD 47	16/05/2024	07/08/2024	12/11/2024	05/02/2025

**ITEM 7 ANY OTHER BUSINESS**

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