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भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

AGENDA

Meeting	Date and Day	Time
24th Meeting of Energy Management and Energy Savings Sectional Committee, MED 39	12 December 2024 (Thursday)	11:00 hrs
Chairperson/Convener: Shri S. R. Lohokare, In Individual Capacity		
Member Secretary: Ms Ankita Vidhyarthi, Scientist 'D'/Joint Director, Bureau of Indian Standards, New Delhi		
Meeting Link: https://bismanak.webex.com/bismanak/j.php?MTID=mf7c3c46f1b303ded64268bc3e6bea0c8		
Meeting number: 2518 637 5166		
Password: MED@123		

ITEM 0 WELCOME AND OPENING REMARKS

0.1 Welcome & Opening remarks by Head (Mechanical Engineering Department), BIS.

0.2 Welcome & Opening remarks by Chairperson, MED 39.

0.3 Annual Meeting Calendar

Proposed Meeting Calendar for FY 2024-25 is as follows-

	Q1 2024-25	Q2 2024-25	Q3 2024-25	Q4 2024-25
	May	September	December	February
	22nd Meeting	23rd Meeting	24th Meeting	25th Meeting
MED 39	May 30, 2024 Thursday	September 10, 2024 Tuesday	December 12, 2024 Thursday	February 19, 2025 Wednesday

The Committee may DISCUSS and DECIDE.


ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The Minutes of **23rd** Meeting of Energy Management and Energy Savings Sectional Committee, MED 39 held on 10 September 2024 were circulated to the members vide our letter No. **MED 39/A-2.23** dated 11 October 2024. No Comments have been received.



The Committee may formally CONFIRM the Minutes.

ITEM 2 ACTION ARISING OUT OF THE PREVIOUS MEETING

2.1 The summary of actions taken on the minutes of the last meeting and present status are given below:

Sl No.	Item No.	Decision of 22 nd Meeting	Action Taken on 22 nd Meeting	Decision of 23 rd Meeting	Action Taken on 23 rd Meeting
1)	2.1 (2)	<p>The committee approved the following committee members to attend the next meeting of ISO/TC 301:</p> <p>1) Shri S. R. Lohokare, Chairman, MED 39;</p> <p>2) Shri Rajeev Bhargava from RR Kabel, Silvassa.</p> <p>3) Shri Shubham Tiwari, Sc-C & Member secretary, MED 39</p> <p>Other committee members may also request for nomination after circulation of the agenda of the ISO</p>	<p>The draft agenda for 13th Plenary meeting of ISO TC 301 is attached for your reference:</p> <p>DRAFT AGENDA 13TH PLENARY MEETING ISO _25-9-24.pdf</p> <p>The committee may please note the information, examine and discuss the draft agenda and decide further actions.</p>	<p>1) Smt. Gauri B. Bholay from M/s Reliance India Limited informed that Shri Sujit Das has superannuated and is no longer in the employment of RIL (Reliance Industries Limited). She informed that for revised nominations, she will be the principal member and Shri Nitin S Mehta and Shri Dharmesh Sharma will be alternate members from RIL (Reliance Industries Limited).</p> <p>EMAIL_RIL_NEW NOMINATION_11_SEP_2024_MED 39.pdf</p> <p>EMAIL_RIL_MED39 NOMINATION UPDATED.pdf</p> <p>EMAIL_MED39_DECLARATION_DHARMESH_Declaration MED39.pdf</p> <p>Declaration NITIN_RIL MED 39.pdf</p> <p><i>The Committee approved the</i></p>	<p>1) RIL Nominations have been updated in the BIS Portal. Declaration from Shri Dharmesh Sharma and Shri Nitin Mehta is also received. (However specific working groups were not mentioned in the nomination received. Email for the same was sent on 04.12.2024.)</p> <p> EMAIL...</p>

		<p>meeting.</p>		<p><i>revised nominations from RIL mentioned above and requested Smt. Gauri to send the required declaration etc. of newly nominated members.</i></p> <p>2) Shri Shibojyoti Dutta from M/s Tata Steel Limited (principal member) has recommended the name of Shri Abir Ranjan Pal; Senior Manager, Environment; Metaliks Division, Tata Steel Limited as alternate member. The committee agreed to the revised nominations and requested him to send required details regarding alternate member nomination and declaration.</p> <p>EMAIL TATA STEEL NEW NOMINATION MED 39.pdf TATA_MG_CV_PROFILE.pdf Declaration BIS MG TATA .pdf Declaration TATA Mr.Abir Ranjan Pal_MED39_BIS.pdf</p> <p><i>The Committee also requested members from M/S Reliance Industries Limited, M/s Tata Steel Limited, Bureau of Energy efficiency to nominate experts for participation in ISO Working groups under ISO TC 301 like WG1, WG17 and WG 18 etc. of National (Indian) Interest.</i></p> <p>3) <i>The Committee also requested MS to follow up with the above mentioned organizations as well as organizations like M/s RR</i></p>	<p>2) Shri Muruganarayanan Ganapathiraman</p> <p>Nomination from Tata Steel was updated in BIS Portal.</p> <p>Compostion MED39_1733 381664.pdf</p> <p>3) Email was sent to BEE and M/s R.R Kabel for the same, on 06</p>
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				<p><i>Kabel Limited to nominate experts for participation in ISO Working groups under ISO TC 301.</i></p> <p><i>The Committee also advised MS to follow up with organizations like TERI and CII to nominate themselves in MED 39 as well as working groups under ISO mirror committee TC 301 after becoming a member.</i></p>	<p>Dec 2024.</p> <p> [MED ...</p> <p> EMAIL...</p> <p>The Committee may suggest e-mail and other contact information of the concerned personnel to be contacted at and TERI and CII for participation in MED 39.</p>
<p>Background:</p> <p>Last meeting of ISO/TC 301 was held from 30th September 2024 to 04th October 2024 in Vancouver (Canada) in Hybrid mode.</p>					
2)	6.1	<p>The Committee decided to ask the Member Secretary to follow up to them.</p> <p>The Chairperson recommended to MS to follow up with Sh. Rohit Chashta from M/s Schneider Electric India Pvt. Ltd., M/s Tata Steel Limited, Ms Gauri B. Bholay from M/s Reliance Industries Limited, M/s TERI, M/s R. R. Kabel Limited to nominate themselves for attending the meeting and may also request to</p>	<p>As advised, the concerned members have been contacted and Email dated 02.09.2024 has been sent in this regard:</p> <p>MED39 Actions taken for decision taken during 22nd MEETING, MED 39 PART 5.pdf</p> <p>MED39 Actions taken for decision taken during 22nd MEETING, MED 39 PART 4.pdf</p>	<p>The Committee also requested members from M/S Reliance Industries Limited, M/s Tata Steel Limited, Bureau of Energy efficiency to nominate experts for participation in ISO Working groups under ISO TC 301 like WG1, WG17 and WG 18 etc. of National (Indian) Interest.</p> <p>The Committee also requested MS to follow up with above- mentioned organizations as well as organizations like M/s RR Kabel Limited to nominate experts for participation in ISO Working groups under ISO TC 301.</p> <p><i>The Committee also advised MS to follow up with organizations like TERI and</i></p>	<p>Nomination for the working group was received from M/s Tata Steel Ltd. regarding nominating the experts in ISO TC 301 Meeting/ work groups as subject matter expert(s) on 11 Oct 2024.</p> <p>EMAIL TATA STEEL NEW NOMINATION MED 39.pdf</p>

	<p>become a member of the working group in the Committee.</p> <p><i>MS is requested to send a reminder for comments of the Committee Members for the Open ISO ballots as on present date.</i></p>	<p>MED39 Actions taken for decision taken during 22nd MEETING, MED 39 PART 3.pdf</p> <p>MED39 Actions taken for decision taken during 22nd MEETING, MED 39 PART 2.pdf</p> <p>MED39 Actions taken for decision taken during 22nd MEETING, MED 39.pdf</p> <p><i>The Committee may please discuss and decide.</i></p>	<p><i>CII to nominate themselves in MED 39 as well as working groups under ISO mirror committee ISO TC 301 after becoming members.</i></p>	
<p>Background:</p> <p>Following standards are under development stage in ISO:</p> <ol style="list-style-type: none"> 1) ISO/DIS 50002-1 - Energy audits — Requirements with guidance for use — Part 1: General requirements 2) ISO/DIS 50002-2 - Energy audits — Requirements with guidance for use — Part 2: Buildings 3) ISO/DIS 50002-3 - Energy audits — Requirements with guidance for use — Part 3: Processes <p><i>The Committee requested TERI, Schneider and RIL to nominate themselves in the relevant working group of ISO/TC 301 as a subject expert and participate in standard formulation at ISO level.</i></p>				

The Committee may DISCUSS and DECIDE.

ITEM 3 COMPOSITION OF THE SECTIONAL COMMITTEE

3.1 Co-options and the Revised Nominations

3.1.1 Co-options/revised nominations recommended during previous Meetings-

Sl No.	Organisation/Individual	Committee Decision	Action Taken	Status
1)	Havells India Limited, Noida	Request for the Standards for study & feedback for MED 32 TC. Nomination received regarding Co-option via Email for join the MED 39 Sectional Committee on dated 10 Oct 2024. <ul style="list-style-type: none"> 📧 Email med 39 ... 📧 MED 39 HA... 	Nomination updated in BIS Portal.	<i>The Committee may CONSIDER and DECIDE .</i>

3.2 The following directions have been received from the Competent Authority of the Bureau for reviewing the composition of the Sectional Committee:

- i) Major Government purchasing organizations like DGS&D, RDSO, CPWD, Defence etc are to be given representation in the committees wherever applicable.
- ii) Examine the justification and need for continuation of a member in an individual capacity who is continuing for more than six years in a sectional committee.
- iii) New members are to be co-opted who are expected to contribute to emerging new technology.
- iv) In case a representative of the concerned organization is not attending the meeting regularly or not continuing even by correspondence, the organization may be informed for substituting their member.
- v) Members who are represented in individual capacity, the continuation of their membership is to be considered on the basis of their past attendance and contribution.
- vi) Efforts should be made to include representatives of different product segments as per the scope of the committee.

The Committee may NOTE.

3.3 The desire of the Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India, which is the Controlling Ministry of the Bureau that the composition of Sectional Committees be reviewed to replace the persons who are continuing for longer periods, to co-opt the members/organizations which are capable of contributing in emerging new technologies and new areas of work and strength of the manufacturers should be restricted to 1/3 of the total strength of the Technical Committees. In this committee manufacturers are more.

The Committee may NOTE.

3.4 The present composition along with attendance of the last three meetings of the Energy Management and Energy Savings Sectional Committee, MED 39 is given in **Annex A**.

The Committee may CONSIDER and DECIDE for any addition/deletion/acceptance in view of 3.1, 3.2, 3.3 and 3.4 above.

ITEM 4 INTERNATIONAL ACTIVITIES

India has membership on ISO committees as listed below, related to **MED 39**. Being a **P-member**, it is obligatory for India to vote on all the documents. The documents received from time to time are being sent to committee members for comments and voting is done accordingly.

Standards Published by ISO Committee- ISO /TC 301

Published ISO Standards	24
ISO standards Under Development	7
Participating Members	51
Observing Members	43

Standards Published by ISO Committee ISO/TC 301

24 Total ISO Standards	20 Latest version of ISO adopted	0 Older version of ISO adopted
3 ISO standards not adopted	0 Indigenously developed Standards	1 Amendment issued by ISO, not adopted

The Committee may NOTE.

4.1 The list of active various working group working under ISO/TC 301 in liaison with MED 39 Sectional Committee is as under:

SI No.	ISO/TC	Title
1)	ISO/TC 301	Energy Management And Energy Savings (P-Member)
2)	ISO/TC 301/WG 1	Energy Management (P-Member)
3)	ISO/TC 301/WG 16	Net Zero Energy
4)	ISO/TC 301/WG 17	Energy Audits
5)	ISO/TC 301/WG 18	Energy data collection plan
6)	ISO/TC 301/WG 19	Integrated District Energy System (IDES) Concepts and practices

7)	ISO/TC 301/AHG 12	Development of ISO 14019
8)	ISO/TC 301/AHG 13	Integrated District Energy System (IDES)
9)	ISO/TC 301/CAG	Chair's Advisory Group
10)	ISO/TC 301/STTF 1	Spanish translation task force
11)	ISO/TC 301/TG 2	Communication Task Group
12)	ISO/TC 301/TG 3	Terminology Task group
13)	ISO/TC 301/TG 5	Maintenance of requirements documents

[ISO/TC 301 - Energy management and energy savings](#)

The Committee may NOTE.

4.2 Working Groups under ISO/TC 301 and members nominated from India

The Committee had decided to formulate internal Working Groups under MED 39 corresponding to ISO Working Groups with the objective to have a discussion group for deliberating on ISO draft standards and ballots. The members mentioned below expressed their interest to be part of the Working Groups. Nominations of the Working Groups are open and as decided in the committee, internal Working Groups structure are being circulated to all committee members to suggest more names for inclusion in the Working Groups.

M/s Tata Steel had nominated members for WG ISO TC 301-

[EMAIL TATA STEEL NEW NOMINATION MED 39.pdf](#)

Sl No	WG	Project Number	Project Title	Participation by	Internal Working Group
1)	ISO/TC 301 WG 01	ISO/C D 24492 -2	ISO/CD 24492.2 Energy management systems and energy savings --Decarbonization — Requirements with guidance for use	Mr Shibojoyoti Dutta; Head Environment Centre of Excellence; Tata Steel Limited; M: 7763807725; E: shibojoyoti@tatasteel.com	To be decided by the committee.
2)	ISO/TC 301 WG 17	ISO/D IS 50002 -1	ISO/DIS 50002-1 Energy audits — Requirements with guidance for use — Part 1: General requirements	Mr Abir Ranjan Pal M/s Tata Steel Limited, Kolkata Mob: 8420002262; Email: abir.pal@tatasteel.com	To be decided by the committee.
3)	ISO/TC 301 WG 17	ISO/D IS 50002 -3	ISO/DIS 50002-3 Energy audits — Requirements with guidance for use — Part 3: Processes	Mr Abir Ranjan Pal M/s Tata Steel Limited, Kolkata Mob: 8420002262; Email: abir.pal@tatasteel.com	To be decided by the committee.
4)	ISO/TC 301 WG 18	ISO/A WI 22265	ISO/AWI 22265 Energy measurement and monitoring plan — Design and implementation — Principles for energy data collection	Mr Abir Ranjan Pal M/s Tata Steel Limited, Kolkata Mob: 8420002262; Email: abir.pal@tatasteel.com	To be decided by the committee.

The Committee may NOTE.

4.3 Published Standards by ISO/TC 301 Energy Management and Energy Savings

Standards and/or projects under the direct responsibility of ISO/TC 301 Secretariat. Below the list of Published Standards by ISO/TC 301 Energy management and energy savings Committee:

SI No.	Standard No.	Standard Title	Status of Adoption as Indian Standard
1)	ISO/IEC 13273-1 : 2015	Energy efficiency and renewable energy sources — Common international terminology — Part 1: Energy efficiency	Adopted as IS/ISO/IEC 13273-1 : 2015
2)	ISO/IEC 13273-2 : 2015	Energy efficiency and renewable energy sources — Common international terminology — Part 2: Renewable energy sources	Adopted as IS/ISO/IEC 13273-2 : 2015
3)	ISO 17741 : 2016	General technical rules for measurement, calculation and verification of energy savings of projects	Adopted as IS/ISO 17741 : 2016
4)	ISO 17742 : 2015	Energy efficiency and savings calculation for countries, regions and cities	Adopted as IS/ISO 17742 : 2015
5)	ISO 17743 : 2016	Energy savings — Definition of a methodological framework applicable to calculation and reporting on energy savings	Adopted as IS/ISO 17743 : 2016
6)	ISO 50001 : 2018	Energy management systems — Requirements with guidance for use	Adopted as IS/ISO 50001 : 2018
7)	ISO 50001 : 2018/Amd 1 : 2024	Energy management systems — Requirements with guidance for use — Amendment 1: Climate action changes	Adopted as Amendment in publication stage . Ready for the gazette. (Doc. No. 26050)
8)	ISO 50002 : 2014	Energy audits — Requirements with guidance for use	Adopted as IS/ISO 50002 : 2014
9)	ISO 50003 : 2021	Energy management systems — Requirements for bodies providing audit and certification of energy management systems	Adopted as IS/ISO 50003 : 2021

10)	ISO 50004 : 2020	Energy management systems — Guidance for the implementation, maintenance and improvement of an ISO 50001 energy management system	Adopted as IS/ISO 50004 : 2020
11)	ISO 50005 : 2021	Energy management systems — Guidelines for a phased implementation	Adopted as IS/ISO 50005 : 2021
12)	ISO 50006 : 2023	Energy management systems — Evaluating energy performance using energy performance indicators and energy baselines	Adopted as IS/ISO 50006 : 2023
13)	ISO 50007 : 2017	Energy services — Guidelines for the assessment and improvement of the energy service to users	Adopted as IS/ISO 50007 : 2017
14)	ISO/TS 50008 : 2018	Energy management and energy savings — Building energy data management for energy performance — Guidance for a systemic data exchange approach	Not Adopted
15)	ISO 50009 : 2021	Energy management systems — Guidance for implementing a common energy management system in multiple organizations	Adopted as IS/ISO 50009 : 2021
16)	ISO/PAS 50010 : 2023	Energy management and energy savings — Guidance for net zero energy in operations using an ISO 50001 energy management system	Adopted as IS/ISO/PAS 50010 : 2023
17)	ISO/TS 50011 : 2023	Energy management systems — Assessing energy management using ISO 50001:2018	Adopted as IS/ISO/TS 50011 : 2023
18)	ISO 50015 : 2014	Energy management systems — Measurement and verification of energy performance of organizations — General principles and guidance	Adopted as IS/ISO 50015 : 2014
19)	ISO 50021 : 2019	Energy management and energy savings — General guidelines for selecting energy savings evaluators	Not Adopted
20)	ISO/TS 50044 : 2019	Energy saving projects (EnSPs) — Guidelines for economic and financial evaluation	Not Adopted
21)	ISO 50045 : 2019	Technical guidelines for the evaluation of	Adopted as IS/ISO

		energy savings of thermal power plants	50045 : 2019
22)	ISO 50046 : 2019	General methods for predicting energy savings	Adopted as IS/ISO 50046 : 2019
23)	ISO 50047 : 2016	Energy savings — Determination of energy savings in organizations	Adopted as IS/ISO 50047 : 2016
24)	ISO 50049 : 2020	Calculation methods for energy efficiency and energy consumption variations at country, region and city levels	Adopted as IS/ISO 50049 : 2022

The Committee may NOTE.

4.4 OPEN (ACTIVE) ISO BALLOTS AS ON DATE

4.4.1 Open ballots in ISO/TC 301 Committee till now:

Sl No.	Type	Committee / Working Group	Reference	Cast Vote	Status	Start date	End date	Role
1)	WDRL	ISO/TC 301	ISO/TS 50008 : 2018	Approval	Open	2024-10-15	2024-12-10	Voter
2)	WDRL	ISO/TC 301	ISO 50021:2019	Approval	Open	2024-10-15	2024-12-10	Voter
3)	WDRL	ISO/TC 301	ISO 50045:2019	Approval	Open	2024-10-15	2024-12-10	Voter
4)	CD	ISO/TC 301	ISO/CD 50012	Abstain	Open	2024-10-24	2025-01-02	Obligated voter
5)	CD	ISO/TC 301	ISO/CD 50100.3	Abstain	Open	2024-11-16	2025-01-11	Obligated voter

Under Development Standards of ISO/TC 301

Sl No.	Standard No. & Title
1)	<u>ISO/DIS 50002-3</u> Energy audits — Requirements with guidance for use — Part 3: Processes
2)	<u>ISO/DIS 50002-2</u> Energy audits — Requirements with guidance for use — Part 2: Buildings
3)	<u>ISO/DIS 50002-1</u> Energy audits — Requirements with guidance for use — Part 1: General requirements
4)	<u>ISO/AWI 22265</u> Energy measurement and monitoring plan — Design and implementation — Principles for energy data collection

4.4.2 Open ballots in ISO/TC 301/WG 1 Committee till now:

There are **No** open ballots for ISO/TC 301/WG 1.

The Committee may NOTE.

ITEM 5 DRAFT STANDARDS FOR FINALIZATION

There is no draft for finalization.

The Committee may NOTE.

ITEM 6 POSITION OF WORK

6.1 The Program of Work of **MED 39** is given below:

[MED39_POW_DEC_2024.pdf](#)

Link: Programme of work

6.2 Status of Indian Standards under BIS Certification

IS/ISO 50001 : 2018 (first revision) prepared by MED 39 is under the BIS Management system certification scheme.

The Committee may NOTE.

6.3 Review of Published Indian Standards

6.3.1 As on-going activity, the Sectional Committee reviews the Indian Standards formulated by it at an interval of five years from the date of publication. During review the committee may decide either to reaffirm or to revise/withdraw the standards based on the latest technology available on the subject at the time of review. **05** standards pertaining to MED 39 have fallen due for reaffirmation.

Sl No.	IS No.	TITLE	Year of Publication	ISO Status	Action Taken
1	IS/ISO 50001 : 2018	Energy management systems - Requirements with guidance for use (First Revision)	September 2018	This standard has 1 amendment.	The draft amendment no. 1 to the IS/ISO 50001:2018 is ready for gazette. WCMED39_ISO 50001_2018_Amd1.pdf ISO 50001_2018_Amd1_2024.pdf

ITEM 7 SELECTIONS OF SUBJECTS

7.1 As per the policy and guidelines, before any new subject is taken up for formulation of National Standard the following issues are to be examined by BIS.

- i) Whether the subject is financed by the proposer;
- ii) Sale ability of the standard;
- iii) Standards shall be user friendly;and
- iv) Social needs with regards to safety, health and environment.

Only after assessing the above aspects will it be possible for BIS to consider the formulation of the Indian standard. The proposal should essentially be taken in the prescribed Performa, as a preliminary work item as given in **Annex B**. When members propose in the Technical Committee (TC) Meeting, they have to fill-in the Performa beforehand which is then considered by the TC.

[ANNEX-B-MED39.docx](#)

The Committee may NOTE.

ITEM 8 INTERNATIONAL ACTIVITY

8.1 India is having P-Membership on ISO/TC 301 ‘Energy management and energy savings’ committee related to MED 39.

The Committee may NOTE.

8.2 The list of ISO Standards published by ISO/TC 301 are given in **Annex C**. The committee may review ISO Standards published and identify the Standards for possible adoption as Indian Standards or inputs can be taken for revising the existing Indian Standards.

[ANNEX C-MED 39](#)

The Committee may NOTE.

8.3 In case of ‘P-membership’ of ISO Technical Committees, it is obligatory on the part of Member Organization (country) to send ballots on documents. Committee drafts (CD), Draft International Standards (DIS) and Final Draft International Standards (FDIS) are received from the respective ISO Secretariat of the Technical Committee through Email only. The documents are sent to members of the committee through E-mail for eliciting their comments. The comments so received are reviewed and collated by BIS Secretariat and then put up to Chairman of the committee and a final decision is taken as to whether to send an approval/ disapproval or abstention ballot. The approval/disapproval ballots can be sent with comments also. Once an approval ballot is sent on the document, as per WTO, the member organization may be under obligation to use the ISO Standard in International Trade. It is not practically feasible to send the documents by post, accordingly all members are requested to keep BIS Secretariat updated about E-mail addresses of their respective members.

The Committee may NOTE.

8.4 Next meetings of ISO TC 301 and ISO/TC 301/WG 1

SI No.	Number of Meeting	Committee	Date	Location	Status	Remarks
1)	13th Meeting	ISO TC 301	30 Sep 2024 To 04 Oct 2024	Location (Hybrid) Virtual location: MS Teams Face-to-Face location: 333 Dunsmuir St Vancouver Canada	Closed	-
2)	89th Meeting	ISO/TC 301/WG 1	17 Feb 2025 To 21 Feb 2025	Location (Hybrid) Virtual location: Zoom Face-to-Face location: 160 Av. des Martyrs, 38000 Grenoble, France <ul style="list-style-type: none"> 📎 Draft Agenda 17 Fe... 📎 WG 1 Feb 2025 Me... 📎 Template_VISA_In... 	Registration Open https://sd.iso.org/meetings/154762	10 participation(s) confirmed

The Committee may NOTE.

While providing nomination, following points should be taken care by an Indian delegate:

- a) Once a decision is taken that India should be represented in the International Committee meeting, the Member Secretary of the concerned Sectional Committee shall seek options from committee members whether they wish to participate in the meeting. The Member Secretary shall examine the positive responses so received and put up to the Sectional Committee for taking a decision.
- b) Sectional Committee may identify suitable delegates from amongst the committee members who will be presenting India's view point. Sectional committee may also consider the participation of BIS officer(s)/Member Secretary based on the importance of the subject, total size of the Indian delegation composed of non BIS delegates, likely contribution from BIS officer(s) etc.
- c) The Sectional Committee/ Chairman (Sectional Committee) will also approve the stand to be taken by the Indian delegation participating in the meeting regarding India's view point on agenda items.

In view of the above members may kindly give their nomination with justification in the points mentioned below

- 1) Matter to be discussed in the meeting.
- 2) India's comments on the agenda

3) How the contribution will benefit standardization in India.

The Committee may NOTE.

8.5 BIS through its various sectional committees is trying to increase the participation of India in the meetings of ISO.

All the members of MED 39 are requested to comment on ISO standards and participate actively in the ISO/TC 301 meetings.

The Committee may DISCUSS and DECIDE.

8.6 The details of standards being developed by various Working Groups pertaining to ISO/TC 301 is given as under:

WG No.	Title	Standard(s)
ISO/TC 301/WG 17	Energy Audits	ISO/CD 50002-1 ISO/CD 50002-2 ISO/CD 50002-3

The Committee may NOTE.

8.7 Research projects to be taken up for inclusion of empirical data and insights.

The Committee may DISCUSS and DECIDE.

ITEM 9 RECOMMENDATION OF THE PLANNING AND DEVELOPMENT ADVISORY COMMITTEE (PDAC) OF BUREAU OF INDIAN STANDARDS

The Planning and Development Advisory Committee (PDAC) of Bureau of Indian Standards has decided as follows:

- a) Technical Committee should be sensitized for Eco requirements and standards should be formulated considering the environmental aspects.
- b) The committee felt that BIS should be proactively involved so as to have greater impact in International Standardization. For this purpose, the key areas are to be identified for formulating standards for new products.

The Committee may NOTE.

ITEM 10 TRANSLATION OF INDIAN STANDARDS FROM ENGLISH TO HINDI

As per directive issued by ‘Raj Bhasha Vibhag’ to the Bureau “henceforth all new standards (or standards to be revised) are to be published both in Hindi and English simultaneously.”

Whereas a panel for Hindi translation has been identified by Hindi Deptt. of the Bureau however, the **members of the technical committees of BIS may undertake translation of Indian standards from English to Hindi.** Remuneration of Rs.250/- per A-4 size page (approximately 300 words) is

provided for the translation. The members who are interested to do this work of translation can register their name with BIS, details available at: <http://www.bis.org.in/other/EOIHT.htm>

The Committee may NOTE.

ITEM 11 E-SALE OF INDIAN STANDARDS

The Bureau has recently started online sales of Indian Standards. This will help the customer to procure Indian Standards through the internet without facing the hassles of going to the sales office of BIS to purchase Indian Standard or to get the standard by post. Please visit our website www.bis.org.in for details.

The Committee may NOTE.

ITEM 12 IDENTIFICATION AND INVOLVEMENT OF TALENT AVAILABLE IN THE COUNTRY RELATED TO THE SUBJECT DEALT BY THE COMMITTEE AND METHODOLOGY TO INVOLVE THEM IN THE PROCEEDINGS OF THE COMMITTEE

Creation of a pool of experts.

The Committee may NOTE.

ITEM 13 FUTURE PLANS AND STRATEGIES TO BE ADOPTED BY THE COMMITTEE DURING THE NEXT 3 YEARS AIMING AT THE CONTRIBUTION IN RELATED STANDARDIZATION ACTIVITY AT NATIONAL AND INTERNATIONAL LEVEL.

The Committee may DISCUSS and DECIDE.

ITEM 14 GENDER RESPONSIVE STANDARDS INITIATIVE

Bureau of Indian Standards is a signatory to the UNECE Gender Responsive Standards Declaration. The UNECE Gender Responsive Standards Initiative aims to provide a practical framework for standards bodies seeking to make the standards they develop, and the standards development process they follow, gender-responsive. Established in 2016, the Initiative has the objectives of:

- a) Strengthening the use of standards and technical regulations as powerful tools to attain SDG 5 (Achieve Gender Equality and Empower all Women and Girls);
- b) Integrating a gender lens in the development of both standards and technical regulations; and
- c) Elaborating gender indicators and criteria that could be used in standards development.

In line with these objectives, BIS aims to work towards:

- a) Gender-responsive standards;
- b) Gender balance at all levels in all Committees including leadership positions; and
- c) Enhanced expertise to create and deliver gender inclusivity.

*The Committee members **ARE REQUESTED** to work in tandem with these aims to create a gender balanced environment in all walks of life through standards.*

ITEM 15 ACCESSIBILITY

A Request was received from the Department of Empowerment of Persons with Disabilities, Government of India to include additional requirements in the relevant Indian standards that will help/assist the specially-abled person under the Accessible India Campaign (AIC).

ITEM 16 DATE AND PLACE FOR THE NEXT MEETING

The Committee may DISCUSS and DECIDE.

ITEM 17 ANY OTHER BUSINESS

The Committee may DISCUSS and DECIDE.

ANNEX A
(Clause 4.3)

COMPOSITION OF ENERGY MANAGEMENT SECTIONAL COMMITTEE, MED 39

Meeting No.	Date	Place
23rd	10 September 2024	Hybrid
22nd	30 May 2024	Virtual Webex
21st	08 December 2023	Virtual Webex

Sl No.	Organization Represented	Principal Member/ Alternate Member	21st	22nd	23rd	Total
1)	In Personal Capacity	Shri S. R. Lohokare (<i>Chairperson</i>)	Y	Y	Y	3/3
2)	Bharat Heavy Electrical Limited, New Delhi	Shri Saumen Kumar Bhaumik Shri Rajesh Ranjan (<i>Alt-1</i>) Shri Mohit Sharma (<i>Alt-2</i>)	Y	Y	Y	3/3
3)	Bureau of Energy Efficiency, New Delhi	Ms Pravatanalini Samal Shri Kamran Shaikh (<i>Alt-1</i>) Dr Alka Bharti (<i>Alt-2</i>)	Y	Y	Y	3/3
4)	Cement Manufacturers Association, Noida	Shri Raju Goyal Shri Vivek Kumar Mishra (<i>Alt-1</i>) Shri Vaibhav Gupta (<i>Alt-2</i>)	N	Y	N	1/3
5)	Central Electricity Authority, New Delhi	Shri Shantanu Biswas Shri K. K. Sharma (<i>Alt</i>)	N	N	Y	1/3
6)	Energy Management Centre Kerala, Thiruvananthapuram	Shri R. Hari Kumar Shri Johnson Daniel (<i>Alt</i>)	Y	Y	Y	3/3
7)	International Copper Promotion Council (India), Mumbai	Shri Manas Kundu Shri Jyotish Pande (<i>Alt</i>)	Y	Y	Y	3/3
8)	Lloyd Insulations (India) Limited, Mumbai	Shri K. K. Mitra Shri Mohit Khanna (<i>Alt</i>)	Y	Y	Y	3/3
9)	NTPC Ltd, Noida	Shri A. P. Samal Shri Bibek Kumar (<i>Alt</i>)	Y	Y	Y	3/3
10)	Ordnance Factory Bhandara, Bhandara	Dr Onkar S Mondhe Shri Nishith Dwivedi (<i>Alt</i>)	Y	Y	Y	3/3
11)	Reliance Industries Limited, Navi Mumbai	Ms Gauri B. Bholay Shri Sujit Das (<i>Alt</i>)	N	Y	Y	2/3
12)	RR Kabel, Silvassa	Shri Rajeev Bhargava	N	Y	N	1/3

13)	Rifle Factory, Ministry of Defence, Ishapore	Shri Subhrendu Kar	Y	Y	N	2/3
14)	Schneider Electric India Pvt Ltd, Gurgaon	Shri Rohit Chashta	N	N	N	0/3
15)	Steel Authority of India Limited (SAIL), New Delhi	Shri Gulshan Kumar Shri A. M. Danny (<i>Alt</i>)	Y	Y	Y	3/3
16)	Tata Steel Limited, Jamshedpur	Shri Shibojyoti Dutta	N	Y	Y	2/3
17)	The Fertilizer Association of India, New Delhi	Shri Manish Goswami	N	Y	Y	2/3