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**MINUTES**

MEETING	DAY & DATE	TIME
34 <sup>th</sup> Meeting of Utensils, Cutlery & Domestic Hardware Sectional Committee, MED 33	02 September 2024 (Monday)	10:30 AM (Physical) Green Room, BIS HQ, Manak Bhawan, New Delhi

**CHAIRPERSON:** Shri G. Shanmuganathan, In Personal Capacity, Chennai

**MEMBER SECRETARY:** Shri Lokraj Meena, Sc. 'C' & Deputy Director, MED, BIS HQ, New Delhi.

**MEMBER(s) PRESENT:** Please see *Annex-A* for details.

**0.1 Welcome by Head (MED)**

Shri K.V Rao, Sc-F and Head (MED) welcomed all the members present during the meeting. He apprised the members about the recent standardization reforms undertaken by the BIS to streamline the standardization process. He also requested the members for active participation in the meetings and commenting on draft documents. At last, he hoped that Committee will have a fruitful discussion during the meeting on various agenda items

**0.2 Opening remarks by Chairperson, MED 33**

Shri G. Shanmuganathan, Chairperson, MED 33 extended hearty welcome to the Head (MED) and all members present in the 34th Meeting of Utensils, Cutlery And Domestic Hardware Sectional Committee, MED 33. He further appreciated the efforts of BIS for conducting training programs for the committee members where by information was imparted on smart standards. He requested the members to utilize the digital platforms of the BIS at best. At last, he hoped that Committee will have good, fruitful, and unbiased technical deliberations during the meeting on various agenda items.

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

There being no comments on the minutes of the last meeting, the Committee formally confirmed the minutes of the last meeting.

## **ITEM 2 SCOPE AND COMPOSITION OF COMMITTEE**

**2.1** The Committee noted the information given in the agenda.

### **2.2 COMPOSITION OF THE COMMITTEE**

**2.2.1** The Committee discussed on the composition of the Committee and decided to send a letter to the following organizations seeking their active participation in the future committee meetings:

- a) Consumer Voice, New Delhi
- b) M/s Anna Aluminium Ltd, Chennai

Further, the Committee also decided to send a final reminder to Chief Engineer (CPWD) and Office of Commissioner (MSME) for seeking their active participation.

Shri Amiya Kumar Mallick attended the meeting from DGQA. The Committee welcomed him and requested to be present in all the future meetings.

**2.2.2** The Committee noted the requests received from various organizations and decided as follows:

#### **a) M/s Cello World Limited, Mumbai**

The Committee agreed to their request considering their expertise in stainless steel vacuum flask, water bottles and insulated container and also contributions made by them under various Panels of MED 33. The Committee requested the Member Secretary to seek their details in the prescribed nomination proforma.

#### **b) All India Steel Bottles Association, Delhi**

The Committee discussed and was of the view that organization may be given membership in the Panels on stainless steel vacuum flask and water bottles under the Committee. Further, on the basis of the contribution made by them, their requested will be reconsidered for inclusion in the Committee.

#### **c) M/s LLM Appliances Pvt Ltd, Chennai**

The Committee discussed and was of the view that organization may be given membership in the Panels on Stainless Steel and Aluminium Utensils under the Committee. Further, on the basis of the contribution made by them, their requested will be reconsidered for inclusion in the Committee.

#### **d) Nirma University, Gujarat**

The Committee discussed and was of the view that organization may be given membership in the Panels on Pressure Cooker, Stainless Steel and Aluminium Utensils under the Committee. Further, on the basis of the contribution made by them, their requested will be reconsidered for inclusion in the Committee.

**e) In Personal Capacity**

The Committee discussed and didn't agree with the request of Shri Rohit Madan due to lack of sufficient experience in the field.

Further, the Committee also reconsidered the request from M/s Avon Appliances Pvt Ltd, Gujarat and agreed to add him as member in the Committee considering his active participation in the Panel on Stainless Steel Utensils and Tri-ply standards.

Considering the numerous nomination requests being received from various stakeholders regularly, the Committee decided to create an exclusive Panel for evaluation of the nomination requests and present its recommendations to the Committee:

- a) Shri B. Viswanath Shenoy, Expert In Personal Capacity
- b) Shri Rajiv Agarwal, M/s Autopress
- c) Shri Amiya Kumar Mallick, DGQA
- d) Chairperson and Member Secretary (MS)

Further, it also advised the Panel to draft selection criteria/policy for onboarding the new members in the Committee.


**2.2.3** The committee noted the information given in the agenda.



**2.2.4** The committee noted the information given in the agenda.

**Item 3 ACTIONS ARISING OUT OF THE MINUTES OF THE 33<sup>rd</sup> MEETING**


The summary of actions taken on the minutes of 33<sup>rd</sup> meeting of **Utensils, Cutlery & Domestic Hardware Sectional Committee, MED 33** and present status is given below:

Sl No.	Item	Decision taken during the 33 <sup>rd</sup> Meeting	Action taken on the decision of the 33 <sup>rd</sup> Meeting	Decision taken during the 34 <sup>th</sup> Meeting
1.	3.1 (2)	The Committee noted the information given and considered the recommendations of the Panel. As per the recommendations made by the Panel, the Committee decided to put up the draft amendment to IS	As decided during the last meeting, the draft amendment no. 2 to <b>IS 17790 (MED/33/25900) Insulated Flask for Domestic use — Specification -Amendment</b>	The Committee noted the recommendations of the Panel meetings and deliberated on the same.  Considering the urgency of the matter in view of QCO on

		<p>17790 into wide circulation for 1 month.</p> <p>If no comments received by the due date, then draft amendment will be sent into printing in consultation with the Chairperson.</p> <p>However, M/s Hamilton was not in agreement with the recommendations of the Panel. It requested that market samples of M/s Cello Housewares Pvt. Ltd may be tested by the BIS for heat and cold retention values as per IS 17790 and reports to be submitted to the Committee for decision on the matter</p> <p>The Committee agreed with request of M/s Hamilton and asked the MS to do the needful.</p> <p>Further, it was suggested by some members that categorization on the basis of performance provided by the product may be included in the standard like Class-A (as per current standard heat and cold retention values) &amp; Class-B (as per BS EN 12546-1 heat and cold retention values). The Committee requested the M/s Hamilton to explore the feasibility of the same and provide their suggestions/views.</p>	<p><b>No – 2</b> was put up into wide circulation dated 19 June 2024.</p> <p>The last date for the comments was 19 July 2024.</p> <p>All comments received during the wide circulation period were put before the Panel. Recommendations arising out from the Panel meetings are as follows:</p> <div style="text-align: center;">  <p>Minutes_Panel meeting_22 Aug 202</p> </div> <p>The Committee may kindly note and decide.</p>	<p>Insulated Flask, it decided to send the draft amendment no 2 to IS 17790 (MED/33/25900) into printing.</p>
2.	3.1 (4)	<p><b>MED/33/24506 (Safety Relief Device for Pressure Cookers Specification)</b></p> <p>The Committee noted the information given and requested the members to send their comments before the last date of commenting.</p>	<p>Shri Vivek Kulkarni, M/s Stovekraft and Shri Ravindra Mali, M.s Hawkins Cookers provided their comments on <b>MED/33/24506 ‘Safety Relief Device for Pressure Cookers-Specification’</b>.</p> <p>The comments received</p>	<p>The Committee noted the comments received from various stakeholders on document <b>MED/33/24506 ‘Safety Relief Device for Pressure Cookers-Specification’</b> and had a detailed deliberation on the issues raised.</p>

		<p>Further, it was decided that all the comments received till last date, will be put up to the Panel P14 for disposal and submit its recommendations to the MS. MS to circulate the Panel recommendations to the committee members for 15 days.</p> <p>If no comments received till last date, then document will be sent into printing in consultation with the Chairperson</p>	<p>have been enclosed below:</p> <p> comments on Safety relief device.c</p> <p> Hawkins Cookers Ltd - Comments on !</p> <p>Further, various representations from other manufactures and associations have been also received to drop the formulation of this draft standard citing that it would cause unnecessary burden and confusion among the manufacturers.</p> <p>The Committee may kindly note and decide.</p>	<p>After the discussion, it was of the view that formulating a separate standard on safety device will shift onus on the supplier rather than manufacturer which may cause confusion and uproar among both the manufacturers and consumers. Hence, the Committee decided to put up the draft document on hold.</p>
3.	3.1 (5)	<p>The Committee noted the information given and finalized the document for printing. Further, it requested M/s Nanobot Housewares Pvt. Ltd. to provide the legible drawings of tea dispenser</p> <p><b>Background</b></p> <p>The draft document MED/33/22710 <b>‘Insulated Stainless Steel Thermos For Dispensing Tea — Specification’</b> was put up into wide circulation dated 11 March 2024.</p> <p><a href="https://drive.google.com/file/d/1L8hDz5syp3pSpBn8afS62sxH0Yk4YQwc/view?usp=drive_link">https://drive.google.com/file/d/1L8hDz5syp3pSpBn8afS62sxH0Yk4YQwc/view?usp=drive_link</a></p> <p>Last date for comments was 10</p>	<p>The draft document <b>MED/33/22710 ‘Insulated Stainless Steel Thermos for Dispensing Tea — Specification’</b> has been sent into printing.</p> <p>It is currently under print.</p> <p>The Committee may kindly note.</p>	<p>The Committee noted the information given in the agenda.</p> <p>Further, it was emerged during the discussion that requirements for Vacuum based Stainless Steel dispenser called as <b>‘Air Pot’</b> may also be covered in this standard via draft amendment when it is published.</p> <p>The Committee noted the same and requested M/s Hamilton, M/s Cello and M/s Nanobot to share their inputs in this regard.</p>

		<p>May 2024.</p> <p>No comments have been received till last date.</p> <p>Further, inputs on legible drawings of tea dispenser and heat &amp; cold retention values are still awaited.</p> <p>The Committee may kindly discuss and decide.</p>		
4.	3.1 (6)	<p>The Committee noted the information given.</p> <p><b>Background</b></p> <p>The draft document MED/33/22563 ‘Wrought and Cast Aluminium Utensils – Specification (Second Revision)’ has been sent into printing.</p> <p>The document is currently under print.</p> <p>The Committee may kindly note.</p>	<p>The draft standard <b>MED/33/22563 - IS 1660: 2024 ‘Wrought and Cast Aluminium Utensils – Specification (Second Revision)’</b> has been published.</p> <p>A complimentary copy of the standard has been also sent to the committee members.</p> <p>The Committee may kindly note.</p>	<p>The Committee noted the information given in the agenda.</p> <p>Further, MS informed the Committee about the recommendations emerging out of the Panel meeting on IS 1660 which was held on 29 August 2024 to discuss on comments received from Federation of Aluminum Utensils Manufacturer’s Association.</p> <p>The Committee noted the recommendations of the Panel and requested the MS to prepare the draft amendment to IS 1660 as per the recommendations and put it up into wide circulation for a period of 1 month.</p> <p>Further, the Committee also decided that if no comments received by the last date, then it will be sent into printing in consultation with the Chairperson.</p>
	3.1 (7)	<p>The Committee noted the information given and discussed</p>	<p>As decided during the last meeting, the modified draft</p>	<p>The Committee noted the information given in the</p>

5.		<p>on the recommendations submitted by the Panel on draft standard 'Cylinder Cartridge Locks – Specification'.</p> <p>After the deliberations, the Committee agreed to modify the tolerances from -0.1 mm to -0.2 mm and send the modified document into printing.</p> <p>It also requested the M/s Godrej to provide the revised drawings. Further, it also authorized the MS to do the editorial corrections, if any.</p> <p>The Committee also discussed on the recommendations of the Panel regarding IS 9131:2021 'Rim Locks and Latches (Mechanically Operated) – Specification' and decided to revise the standard. Shri Kshitij R. Gaikar kindly agreed to provide the revised draft within 1 month. After the receipt of the draft, it will be circulated among the committee members for 15 days. If no comments received, then it will be put up into wide circulation in consultation with the Chairperson.</p>	<p>standard MED/33/22203 'Cylinder Cartridge for Locks – Specification' has been sent into printing.</p> <p>It is currently under print.</p> <p>The Committee may kindly note.</p> <p>Further, Shri Kshitij Gaikar, M/s Godrej vide his mail dated 21 June 2024 provided the status of the draft revision of IS 9131. His response is enclosed below:</p>  <p>IS 9131 status.pdf</p> <p>The Committee may kindly note and decide.</p>	<p>agenda.</p> <p>Shri Kshitij Gaikar informed the Committee about the current status of status of the draft revision of IS 9131: 2021 'Rim Locks and Latches (Mechanically Operated) – Specification'. Further, it was also agreed by the Panel members to have a meeting on 13 Sept 2024.</p> <p>The Committee requested the Panel to provide the draft revision of IS 9131 within 2 months.</p>
6.	3.1 (8)	<p>The Committee noted the information given in the agenda.</p> <p><b>Background</b></p> <p>The draft document no. MED/33/23267 'Method for Sampling of Utensils (First Revision of IS 9040)' is currently under print.</p> <p>The Committee may kindly note.</p>	<p>The draft document MED/33/23267 - IS 9040 : 2024 'Method for Sampling of Utensils (First Revision)' has been published.</p> <p>A complimentary copy of the standard has been also sent to the committee members.</p> <p>The Committee may kindly note.</p>	<p>The Committee noted the information given in the agenda.</p>



7.	3.1 (9)	<p>The Committee noted the information given in the agenda.</p> <p><b>Background</b></p> <p>The draft document MED/33/23265- ‘Tubs and Baths - Specification (First Revision of IS 4120)’ is currently under print.</p> <p>The Committee may kindly note.</p>	<p>The draft document IS 4120 has been published.</p> <p>A complimentary copy of the standard has been also sent to the committee members.</p> <p>The Committee may kindly note.</p>	<p>The Committee noted the information given in the agenda.</p>
8.	3.1 (10)	<p>The Committee noted the information given in the agenda.</p> <p><b>Background</b></p> <p>The draft document MED/33/23266- ‘Clasp Knife Specification (First Revision of IS 6291) is currently under print.</p> <p>The Committee may kindly note.</p>	<p>The draft document IS 6291 has been published.</p> <p>A complimentary copy of the standard has been also sent to the committee members.</p> <p>The Committee may kindly note.</p>	<p>The Committee noted the information given in the agenda.</p>
9.	3.1 (11)	<p>The Committee noted the information given in the agenda.</p> <p><b>Background</b></p> <p>The draft amendment no. 1 to <b>IS 17869: 2022 (MED/33/24172) ‘Low Pressure Steam Cooker - Specification’</b> is currently under print.</p> <p>The Committee may kindly note.</p>	<p>The draft amendment to IS 17869 has been published.</p> <p>A complimentary copy of the standard has been also sent to the committee members.</p> <p>The Committee may kindly note.</p>	<p>The Committee noted the information given in the agenda.</p>
10.	3.1 (12)	<p>The Committee noted the information given and considered the recommendations of the Panel. As per the recommendations made by the Panel, the Committee decided to put up the draft amendment to IS 17803 into wide circulation for 1 month.</p>	<p>As decided during the last meeting, the draft amendment no. 1 to <b>IS 17803:2022 (MED/33/25891- Potable Water Bottles – Specification)</b> was put up into wide circulation dated 19 June 2024.</p>	<p>The Committee noted the information given in the agenda.</p>





		<p>If no comments received by the due date, then draft amendment will be sent into printing in consultation with the Chairperson.</p> <p>Further, MS informed the Committee that an amendment to IS 17803 (Doc. MED/33/24148) is already in process. The Committee noted the same and decided to drop that document.</p>	<p>The last date for the comments was 19 July 2024.</p> <p>All comments received during the wide circulation period were put before the Panel. On the basis of the recommendations arising out from the Panel meetings, the draft amendment has been sent into printing in Consultation with the Chairperson.</p> <p>It is currently under print.</p> <p>The Committee may kindly note.</p>	
<b>11.</b>	<b>3.1 (13)</b>	<p>The Committee noted the comments received from various organizations and decided to refer them to the Panel P-1. Further, it requested the Panel to have a meeting in the month of June 2024 for disposal of all comments received and submit its recommendations to the MS. MS to circulate the Panel recommendations to the committee members for 15 days.</p> <p>If no comments received till last date, then document will be sent into printing in consultation with the Chairperson.</p>	<p>As decided during the last meeting, all the comments received during the WC period were put up before the Panel.</p> <p>The Panel had a series of Panel meetings dated 25 June, 02 July, 11 July, and 30 July 2024. It recommended to send the modified draft document into printing. Further, the document has been sent into printing in consultation with the Chairperson.</p> <p>The draft document is currently under print.</p> <p>The Committee may kindly note.</p>	<p>The Committee noted the information given in the agenda.</p> <p>Further, Shri B. Viswanath Shenoy (Convener, P-17) informed the Committee about the progress of work on draft standard on '<i>Cutlery Items</i>'.</p> <p>The Committee noted the same and agreed to also add M/s Nanobot and M/s Stovekraft Ltd to the Panel.</p>

<b>12.</b>	<b>3.1 (14)</b>	<p>The Committee noted the information given.</p> <p><b>Background</b></p> <p>As decided during the last meeting, the draft amendment no. 1 to <b>IS 15960: 2013 (MED/33/24546)</b> was modified to incorporate the changes in title and was sent into printing in consultation with the Chairperson.</p> <p>The draft amendment is currently under print.</p> <p>The Committee may kindly note.</p>	<p>The draft amendment no. 1 to <b>IS 15960:2013 ‘Composite Bottom for Stainless Steel Cooking Utensils –Specification’</b> has been published.</p> <p>A complimentary copy of the amendment has been also sent to the committee members.</p> <p>The Committee may kindly note.</p>	The Committee noted the information given in the agenda.
<b>13.</b>	<b>3.1</b>	The Committee noted the	As decided during the last	The Committee noted the

	(15)	<p>information given and considered the recommendations of the Panel. As per the recommendations made by the Panel, the Committee decided to put up the draft amendment to IS 17526 into wide circulation for 1 month.</p> <p>If no comments received by the due date, then draft amendment will be sent into printing in consultation with the Chairperson.</p>	<p>meeting, the draft amendment no. 2 to <b>IS 17526:2021 (MED/33/25885- Stainless Steel Vacuum Flask– Specification)</b> was put up into wide circulation dated 19 June 2024.</p> <p>The last date for the comments was 19 July 2024.</p> <p>All comments received during the wide circulation period were put before the Panel. On the basis of the recommendations arising out from the Panel meetings, the draft amendment has been sent into printing in Consultation with the Chairperson.</p> <p>It is currently under print.</p> <p>The Committee may kindly note.</p>	<p>information given in the agenda.</p>
14.	3.1 (16)	<p>The Committee noted the information given and considered the recommendations of the Panel. As per the recommendations made by the Panel, the Committee decided to put up the draft amendment to IS 17569 into wide circulation for 1 month.</p> <p>If no comments received by the due date, then draft amendment will be sent into printing in consultation with the Chairperson.</p> <p>However, M/s Hamilton was not in agreement with the recommendations of the Panel. It requested that market samples of</p>	<p>As decided during the last meeting, the draft amendment no. 1 to <b>IS 17569:2021 (MED/33/25904) Insulated Containers for Food Storage — Specification - Amendment No. – 1</b> was put up into wide circulation dated 19 June 2024.</p> <p>The last date for the comments was 19 July 2024. All comments received during the wide circulation period were put before the Panel. Recommendations arising out from the Panel meetings are as follows:</p>	<p>The Committee noted the recommendations of the Panel meetings and deliberated on the same.</p> <p>Considering the urgency of the matter in view of QCO on Insulated Containers for Food Storage, it decided to send the draft amendment no 2 to IS 17569 (MED/33/25904) into printing.</p>

		<p>M/s Cello Housewares Pvt. Ltd may be tested by the BIS for heat and cold retention values as per IS 17569 and reports can be submitted to the Committee for decision on the matter.</p> <p>The Committee agreed with request of M/s Hamilton and asked the MS to do the needful.</p> <p>Further, it was suggested by some members that categorization on the basis of performance provided by the product may be included in the standard like Class-A (as per current standard heat and cold retention values) &amp; Class-B (as per BS EN 12546-1 heat and cold retention values). The Committee requested the M/s Hamilton to explore the feasibility of the same and provide their suggestions/views.</p>	 <p>Minutes_Panel meeting_22 Aug 202</p> <p>The Committee may kindly note and decide.</p>	
<p><b>15.</b></p>	<p><b>3.1 (17)</b></p>	<p>The Committee noted the information and considered the recommendations of the Panel. As per the recommendations, it decided to put up the draft amendment to IS 2347 into wide circulation for 1 month.</p> <p>If no comments received by the due date, then draft amendment will be sent into printing in consultation with the Chairperson.</p>	<p>As decided, the draft amendment no. 1 to <b>IS 2347:2023 ‘Domestic Pressure Cooker – Specification (Seventh Revision)’ MED 33/ 26004</b> was put up into wide circulation dated 27 June 2024.</p> <p>The last date for comment was 28 July 2024.</p> <p>Comments have been received from M/s Butterfly M/s TTK and GZBO.</p>  <p>IS 2347_GZBO comments.pdf</p>	<p>The Committee noted the comments received from various stakeholders on <b>IS 2347: 2023 ‘Domestic Pressure Cooker – Specification (Seventh Revision)’</b> and deliberated on them.</p> <p>After the discussion, it was of the view that as comments need further deliberation in Panel, so a meeting shall be called by the Convener in the month of September 2024. On the basis of the recommendations of the Panel, a draft amendment will be issued to the standard. It also requested other members to send their comments at the earliest for discussion in the Panel.</p>

			 TTK IS 2347 comment 25082024.1   IS 2347_butterfly.pptx	Further, it also decided to send amendment no 1 to IS 2347: 2023 (MED/33/26004) into printing as it would not be viable to keep the amendment on hold considering the demand for its earliest release by the industry.
16.	3.1 (18)	M/s Godrej kindly agreed to provide the working draft on 'Electronic Locks' within 1 month. After the receipt of the draft, it will be circulated among the committee members for 30 days as P draft seeking their views/comments.	The working draft on ' <b>Electronic Locks</b> ' is awaited.  The Committee may kindly discuss and decide.	Shri Deodatta Joshi briefed the Committee about the progress of the work on draft standard on ' <b>Electronic Locks – Specification</b> ' and agreed to provide the copy of the working draft by end of the October 2024.
17	8	Shri Rahul Khera, M/s Pritam International suggested that currently, there is no separate available on ' <b>Pressure Regulating Device</b> ' and it is required to have a standard on the subject. The Committee appreciated his suggestion and requested him to provide the working draft before next meeting.	A letter dated 25 June 2024 was written to Shri Rahul Khera requesting him to share the working draft.  However, the working draft is still awaited.  The Committee may kindly note and decide.	The Committee noted the information given and decided that it would be more viable to cover the requirements of Pressure Regulating Device (PRD) in IS 2347:2023 only rather than making a separate standard on the subject.  So, it requested Shri Rahul Khera to provide his inputs/comments for further improvement in the current requirements of PRD which are covered in IS 2347: 2023.
18	15	The Committee noted the information given in agenda and appreciated this initiative of BIS to encourage R&D projects. Shri B. Shenoy suggested that R&D project on ' <b>Determination of Heat and Cold Retention Capability for non-vacuum (PUF) Insulation</b> ' may be carried out. The Committee noted his suggestion and requested him	A letter dated 25 June 2024 was written to Shri Rahul Khera requesting him to share the draft ToR on ' <b>Determination of Heat and Cold Retention Capability for non-vacuum (PUF) Insulation</b> '.  However, the draft ToR is still awaited.	Shri B. Viswanath Shenoy kindly agreed to provide the draft ToR within a week.

		to provide the draft ToR on the subject.	The Committee may kindly note and decide.	
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#### **ITEM 4 COMMENTS ON PUBLISHED INDIAN STANDARDS**

The Committee discussed on the comments received from SUBO on *IS 16286: 2014 ‘Spoons – Specification’* and decided to put up the draft amendment to IS 16286 into wide circulation for 1 month.

Further, the Committee also decided that if no comments received by the last date, then it will be sent into printing in consultation with the Chairperson.

#### **ITEM 5 INDIAN STANDARDS TAKEN FOR REVIEW**

The Committee noted the information given in the agenda.

#### **ITEM 6 STATUS OF INDIAN STANDARDS UNDER BIS CERTIFICATION**

The Committee noted the information given in the agenda.

#### **ITEM 7 POSITION OF WORK**

The Committee noted the information given in the agenda.

#### **ITEM 8 SELECTIONS OF SUBJECTS**

The Committee noted the information given in the agenda.

#### **ITEM 9 INTERNATIONAL ACTIVITY**

**9.1** The Committee noted the information given in the agenda.

**9.2** The Committee noted the information given in the agenda.

**9.3** The Committee noted the information given in the agenda.

#### **ITEM 10 RECENT INITIATIVES IN THE STANDARD DEVELOPMENT PROCESS OF BIS**

The Committee noted the information given in the agenda.

##### **10.1 Green Initiative by BIS**

The Committee noted the information given in the agenda.

##### **10.2 Interaction with SDO**

The Committee noted the information given in the agenda.

### **10.3 Training of Committee Members**

The Committee noted the information given in the agenda.

### **ITEM 11 LETTER OF APPRECIATION TO COMMITTEE MEMBERS**

The Committee noted the information given in the agenda.

### **Item 12 NATIONAL AND INTERNATIONAL LEVEL EVENTS TO BE PARTICIPATED IN**

The Committee noted the information given in the agenda. On the basis of the inputs of the members, following international level events were identified for participation:

- a) Ambiente 2025 (07-11 Feb), Frankfurt, Germany; and
- b) Canton Fair 2024-25, China

### **Item 13 SCIENTIFIC JOURNALS AND PERIODICALS TO BE SUBSCRIBED**

The Committee noted the information given in the agenda.

### **Item 14 CREATION OF POOL OF EXPERTS**

The Committee noted the information given in the agenda.

### **Item 15 RESEARCH PROJECT TO BE TAKEN UP FOR INCLUSION OF EMPIRICAL DATA AND INSIGHTS**

The Committee noted the information given in the agenda.

### **ITEM 16 GUIDELINES FOR MEMBERS OF TECHNICAL COMMITTEES**

The Committee noted the information given in the agenda.

### **Item 17 TRANSLATION OF INDIAN STANDARDS FROM ENGLISH TO HINDI**

The Committee noted the information given in the agenda.

### **Item 18 DATE AND PLACE FOR THE NEXT MEETING**

The Committee discussed and finalized IIT Madras as the venue for the next meeting which will be held tentatively in the month of December 2024. Along with the Committee meeting, a seminar and exposure visit for the members will also be held.

### **Item 19 ANY OTHER BUSINESS WITH PERMISSION OF CHAIR**

There being no other comments, the meeting ended with a hearty vote of thanks to the Chair and the Committee members.

**Annex-A**  
(Item 2.2.1)

<b>Sl. No</b>	<b>Organization</b>	<b>Member</b>	<b>Email</b>
1	In Personal Capacity, Chennai	Shri G. Shanmuganathan	shanmuganathan1961@gmail.com
2	Expert Member	Shri B. Viswanath Shenoy	viswanath.shenoy@gmail.com
3	All India Stainless Steel Industries Association, Mumbai	Shri Sailesh Shah	scshah56@gmail.com
4	Autopress India Private Limited, Pune	Shri Rajiv Agarwal Shri Dhruv Agarwal	rajiv@autopressindia.com dhruv@autopressindia.com
5	Avon Appliances Pvt Ltd	Shri Ashwin Vora ( <i>Invitee</i> )	ashwininfo@avanappliances.com
6	Butterfly Gandhimathi Appliances Private Limited, Chennai	Shri Kumar A ( <i>Alt</i> )	kumar.a@butterflyindia.com
7	Cello World Limited, Mumbai	Shri Mukesh Kothari	mukesh.kothari@celloworld.com



8	Directorate General Quality Assurance, Ministry of Defence, Kanpur	Shri Amiya Kumar Mallick	amiya.mallick@gov.in
9	Delhi Test House, Delhi	Shri Barun Kumar Mishra (representative)	varun@delhitesthouse.com
10	DP Garg and Company. Pvt. Ltd.	Shri K.S. Arya (Alt)	mdplnoida@yahoo.com
11	Federation of All India Aluminium Utensils Manufacturers, Rourkela	Shri Bharat Garg  Shri Tarun Kumar Goyal (Alt)	bharat@jkmatal.com  tarun@prakashalloy.com
12	Federation of Hardware MFG and Traders Welfare Association, Gurgaon	Shri Vikas Narwal (Alt)	vikasnarwal@dorsetindia.com
13	Godrej & Boyce Manufacturing Company Limited, Mumbai	Shri Deodatta Joshi  Shri Kshitij R. Gaikar (Alt)	deodatta@godrej.com  krg@godrej.com
14	Hamilton Housewares Private Limited, Mumbai	Shri Induprakash Singh (Alt)	ips@hamiltonindia.in
15	Hawkins Cookers Limited, Thane	Shri Ravindra Mali (Alt)	ravindra.mali@hawkinscookers.com
16	Jindal Stainless Limited, Hisar	Ms Nisha Goel (Alt)  Shri Sagar Parashar (Representative)  Shri Sanjiv Dala (Representative)	nisha.goel@jindalstainless.com  sagar.parashar@jindalstainless.com  sanjiv.dala@jindalstainless.com s
17	Nanobot Housewares Solutions Private Limited, Jodhpur	Shri Vikas Jain  Shri Shantanu Rajpurohit (YP)	vikas@nanobotsolutions.com  shantanu@nanobotsolutions.com
18	Pritam International, New Delhi	Shri Rahul Khera	rahulkhera@pritaminternational.com
19	Royal Kitchen Appliances Private Limited, Haryana	Shri Suresh Agarwal	royaltempo@hotmail.com
20	Shriram Institute for Industrial Research, Delhi	Shri Alok Kumar  Shri Aneesh Kumar (Alt)	alok@shriramintitute.org  aneeshkumar@shriramintitute.org
21	Sat Rattan Engineering Works, New Delhi	Shri G. L. Khera	glkhera@pritaminternational.com
22	<u>Steel Authority of India Limited (SAIL) - Salem Steel Plant, Salem</u>	Shri Arul Ram Murugesan (Alt)	arulram@sail.in
23	Stovecraft Ltd.	Shri Vivek L Kulkarni (Invitee)	vivek.kulkarni@stovecraft.com
24	TTK Prestige Limited, Bengaluru	Shri S. Rajasekaran	rajasekar@ttkprestige.com

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