



**FOR BIS USE ONLY**

**BUREAU OF INDIAN STANDARDS**

**MINUTES**

Name of the Committee	No. of Meeting	Day	Date	Time	Venue
Electrical Appliances Sectional Committee, ETD 32	38 <sup>th</sup>	Wednesday	28.07.2021	1030 hrs	Online

**CHAIRMAN: Shri A K Rajput**

**MEMBER SECRETARY: Shri Sumit Bhardwaj**

**Members present:**

Sr. No.	Name	Organization
1.	Shri A K Rajput	Central Electricity Authority
2.	Shri Ezhilarasan	Venus Home Appliances
3.	Shri Diwan Singh Kholia	Havells India Ltd
4.	Shri Rajeev Kumar Gupta	Havells India Ltd
5.	Shri Shailendra Singh	Havells India Ltd
6.	Shri Jagdish Singh	Havells India Ltd
7.	Shri Pramod Deshpande	Havells India Ltd
8.	Shri Vijay Kumar	BSH Household Appliances Manufacturing Private Limited, Chennai
9.	Shri Balasubramanian Anand	BSH Household Appliances Manufacturing Private Limited, Chennai
10.	Shri Sekh Faridi	Dyson Technology India Pvt Ltd, Gurugram, Haryana.
11.	Shri Vivek Sharma	Philips India Limited, Gurugram
12.	Ms. Shweta Mahajan	CERC, Ahmedabad
13.	Shri Anoop Singh	CG Electrical consumers limited
14.	Shri Ankit Gupta	CG Electrical consumers limited
15.	Shri Jitendra Agrawal	Indian Fan Manufacturer association



16.	Shri Ravinder Gambhir	Indian Fan Manufacturer association
17.	Shri Venkatesh D	CPRI, Bangalore
18.	Shri Abhijit Banshelkikar	Racold Thermo Limited , Pune
19.	Shri Manjunath V	UL India Pvt Limited
20.	Shri Rakesh Patel	ERDA, Vadodara
21.	Shri P. K Mukherjee	Individual capacity
22.	Shri Socratees Chandrasekaran	Bajaj electrical Ltd
23.	Shri Chandra Veer Singh	Bajaj electrical Ltd
24.	Shri Abhinandan	Bajaj electrical Ltd
25.	Shri Safadar Imam	Bajaj electrical Ltd
26.	Ms. Rekha	BIS

## **Item 0 GENERAL**

### **0.1 OPENING REMARKS BY THE CHAIRMAN**

The Chairman, Shri A K Rajput welcomed all the members present to the meeting. He emphasised the impact of covid on the country and appreciated active participation from members. He solicited the co-operation of the members for completing the agenda in time.

The member secretary welcomed the members present to the meeting and wished for a fruitful discussion of all agenda points.

The meeting started with a brief introduction of the members of the committee.

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

**1.1** There being no comments, the committee formally confirmed the minutes of the last meeting (37<sup>th</sup> meeting) of Electrical Appliances Sectional Committee, ETD 32 held on 04 July 2019 held at BIS HQ, circulated vide BISDG letter no. ETD 32/A-2.37 dated 05 July 2019.

### **Item 2 COMPOSITION OF ELECTRICAL APPLIANCES SECTIONAL COMMITTEE, ETD 32**

**2.1** The members note the information given in the Agenda.

**2.2** The members note the information given in the Agenda.



### Item 3 PROGRAMME OF WORK

3.1 The members noted the information given in the Agenda.

#### 3.2 Review of Published Standards for Revision/Reaffirmation

The members noted the information given in the Agenda.

Members were informed that the Bureau has taken up review of old standards, that are in A5 format, and relevant standards have been identified. The committee decided that the list of such standards shall be circulated among the committee members for review. Based on the inputs received, the standards shall be taken up for revision/reprint or withdrawal.

Further, the chairman informed the members regarding the deliberation on the nominal voltage to be followed in the country, which is intended to be changed from 415/240 V to 400/230V. As it may significantly impact the household appliances' design and performance, members were encouraged to participate in CEA and ETD 01 deliberations.

### Item 4 APPROVALS OF DRAFT INDIAN STANDARDS FOR FINALIZATION

Sl. No.	Doc No	TITLE	Remarks	Decision Taken
1	ETD 32 (15971) (IS 302-2-2)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 2 Vacuum Cleaners And Water-Suction Cleaning Appliances	No comments received.	1. Members examined the comments received from Havells and noted that these comments relate to the existing standards and are not relevant to the draft documents circulated.
2	ETD 32 (15972) (IS 302-2-4)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 4 Spin Extractors	No comments received.	2. In view of above, the committee decided for wide-circulation of the documents for one month. In order to avoid confusion, it was decided that the documents may be circulated with a new document number.
3	ETD 32 (15973) (IS 302-2-6)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 6 Cooking Ranges Hobs Ovens and Similar Appliances	Comments received from Bajaj are placed at Annex-3.	3. Further the comments received from MED regarding 24 L electric pressure cooker were considered by the committee. It was decided that the revised draft document may be circulated incorporating the comments.
4	ETD 32 (15974) (IS 302-2-7)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 7 Domestic Electric Clothes Washing Machines	No comments received.	
5	ETD 32 (15975) (IS 302-2-15)	Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 15 Appliances for Heating Liquids	Comments received from Havells and MED, BIS are placed at Annex 4 & 5 respectively.	

Sl. No.	Doc No	TITLE	Remarks	Decision Taken
6	ETD 32 (16013) (IS 302-2-9)	Safety of household and similar electrical appliances part 2 particular requirements section 9 particular requirements for grills toasters and similar portable cooking appliances	No comments received.	
7.	ETD 32 (16833) (IEC 60456)	Domestic electric clothes washing machines for household use specification	Comments received from BSH is attached at Annex-9	The committee noted that the comment received and decided that panel with following members may review the comment for consideration of technical committee.  <ol style="list-style-type: none"> <li>1. Shri P K Mukherjee</li> <li>2. Shri Shekh Tazimul Haque Faridi, Dyson</li> <li>3. Shri Balasubramanian Anand, BSH</li> <li>4. Shri Rakesh Patel, ERDA</li> <li>5. Shri Manjunath, UL</li> <li>6. M/S IFB or M/s LG shall be coopted into the panel.</li> <li>7. National Water Mission.</li> </ol>
8.	ETD 32 (16992)	Household electric cooking appliances performance requirements of electric hobs	No comments received	It was decided for wide-circulation of the draft document for a period of 1 month. In case of no comments received, the document shall be sent for printing with the approval of chairman.

## Item 5 COMMENTS ON PUBLISHED STANDARDS

### 5.1 IS 302-2-30

Comments received from Shri Shekh Tazimul Haque Faridi, Dyson were considered and it was decided to issue an amendment incorporating the comments.

### 5.2 IS 374

**5.2.1.** The Comment was received from CETL, Kakkalur regarding testing of mechanical strength of ceiling fans and were considered together with comments from IFMA.

**5.2.2.** The committee deliberated that mechanical strength for 10000 N as per IS 302-2-80 is well established test method and keeping in view the latest practices, it was decided that draft amendment deleting the provision of safety cords may be widely circulated for a period of one month.

**5.2.3.** The committee deliberated upon the draft amendment for IS 374 submitted by IFMA and decided for wide-circulation of the draft amendment incorporating the agreed upon changes for a period of one month.



### **5.3 Draft standards of IS 4250**

The committee deliberated upon the draft document submitted by the panel and decided that panel may review the comments received and submit its final recommendation in the next meeting of the committee.

The committee also took note of M/s BSH comments regarding the seasonal availability of the carats and their varying quality affecting the juicing efficiency of juicer under test.

### **Item 6 DATE AND PLACE FOR THE NEXT MEETING**

The date of place of the next meeting shall be decided in consultation with the chairman.

### **Item 7 ANY OTHER BUSINESS**

**7.1** The issue was discussed during the meeting and it was decided that ISO/IEC GUIDE 71:2014 and IEC 63008 - Household and similar electrical appliances – Accessibility of control elements, doors, lids, drawers and handles shall be circulated among members for discussion in the next committee meeting.

**7.2** Shri Pramod Deshpande suggested that IS 2082 shall be in line with the latest BEE guidelines. The committee requested Shri Pramod and Shri P. K. Mukherjee to provide the copy of guidelines for reference by committee members.

**7.3** Shri P. K. Mukhaerjee informed the committee that no Indian Standard exist for halogen type cooktop. The same was discussed during the meeting and Shri P K Mukhaerjee and Shri Manjunath were requested to explore the possibility of standardisation in the subject area.

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