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BUREAU OF INDIAN STANDARDS

AGENDA

Name of the Committee	No. of Meeting	Day	Date	Time	Venue
Electrical Appliances Sectional Committee, ETD 32	42 nd	Tuesday	04 June 2024	10:00 A.M	Lal C Verma Hall, Manak Bhawan, 9 Bahadur Shah Zafar Marg, New Delhi 110002

Chairman: Shri Atul Gupta, CEO Certification/Scientist 'G', STQC Directorate, MeitY

Member Secretary: Shri Tushar Sharma, Scientist-D, BIS

Item 0 GENERAL

0.1 WELCOME AND OPENING REMARKS BY THE CHAIRMAN

Item 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

1.1 The minutes of the last meeting (41st meeting) of Electrical Appliances Sectional Committee, ETD 32 held Online on 08-11-2023, were circulated vide e-mail dated 09-11-2023. No comments have been received.

The Committee may formally confirm the minutes.

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

2.1 The present composition and attendance of last 2 meetings of ETD 32 are given in **Annex 1**.

2.2 The committee members are requested to provide suggestions for ensuring active participation of members.

Standardization is a collaborative effort and its success largely depends on the participation and contribution of the members of the concerned technical committees. Further, for standards to be relevant it is also important that viewpoints of all interested stakeholders are brought on board and duly considered while building consensus on the standard being developed. Hence, participation in the technical committee meetings is extremely important in order to ensure that the views of all stakeholder interests are given due consideration by the committee in the formulation of Indian Standards.

The committee may note.

2.3 Request for co-option is received from following organisations:

Sl. No.	Organization	Name
1.	Narayana Engineering College, Nellore	K V Kishore
2.	V-Guard Industries Ltd.	Anoop Singh
3.	Franke Faber India Pvt Ltd	Anand Sharma

The details of above nominations are placed at Annex 15.

The committee may consider.

Item 3 ACTIONS ARISING OUT OF PREVIOUS MEETINGS

Sl. No.	Item No. of last minutes	Item	Decision	Action Taken/Proposed
1.	3.2 a.	Revision of IS 1416: 1972 --Specification for stationary, portable single phase safety transformers with extra low output voltage with a rated supply voltage not exceeding 250 V and a rated output not exceeding 5 kVA.	The committee requested the Member Secretary to inquire with the ETD16 Sectional Committee on Transformers regarding the inclusion of the subject within the scope of ETD 16. The committee will make a decision on the Terms of Reference (ToR) for the next meeting based on the feedback received from ETD 16.	ETD 16 sectional committee, in its 32 nd meeting held on 04-04-2024, decided to refer the ToR on IS 1416:1972 to ETD 32 since the standard pertains to ETD 32. The ToR is placed at Annex-16 for consideration of the committee.
2.	3.2 b.	Revision of IS 2268: 1994--Electrical call bells and buzzers for indoor use - Specification.	Shri Satish Kumar from UL India Ltd has volunteered to revise this standard and provide the draft in accordance with the latest IEC standard. As a result, the committee has recommended not to proceed with the R&D project at this moment.	The IS is proposed to be archived.
3.	3.2 c.	Validation of New methodology of Endurance Testing of	The committee considered and approved the Terms of reference (ToR) of this	Proposals received against the project did not qualify

		motors in IS 4250 “Specification For Electric Food – Mixers (Liquidizers And Grinders) & Centrifugal Juicers” and also suggest methodology for endurance testing of blades, couplers etc used in food mixers.	R&D project	
4.	3.2 d.	Revision of IS 3588: 1987 --Specification for electric axial flow fans.	The committee considered and approved the Terms of reference (ToR) of this R&D project	Proposals received for the project are under examination by Research Evaluation Committee
5.	3.2 f.	Revision of IS 4327: 1967 --Specification for electric fans and regulators for use in ships	The committee considered and approved the Terms of reference (ToR) of this R&D project	Proposals received against the project did not qualify. The project has been proposed to be re- hosted.
6.	3.2 g.	Revision of IS 4894 :1987 -- Specification for centrifugal fans	The committee considered and approved the Terms of reference (ToR) of this R&D project	Proposals received for the project are under examination by Research Evaluation Committee
7.	3.2 h.	Revision of IS 5159: 1969 --Specification for mains-Operated electric shavers.	The committee considered and approved the Terms of reference (ToR) of this R&D project	The project has been awarded to Dr Vinay Pratap Singh, MNIT, Jaipur and his team
8.	3.2 j.	Revision of IS 14144 :1994 --Specification for Electric coffee makers	The committee considered and approved the Terms of reference (ToR) of this R&D project	Proposals received against the project did not qualify
9.	3.2 k.	Study the effect of air temperature and air Flow on human hairs for the Revision of IS 7154:1994- Hair Dryer Performance Standard.	The committee considered and approved the Terms of reference (ToR) of this R&D project	Proposals received against the project did not qualify. The project has been proposed to be re- hosted.

10.	3.1.1 (39 th meeti ng)	ETD 32 (17877) (IS 302-2-2) Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 2 Vacuum Cleaners And Water-Suction Cleaning Appliances	During the 39 th meeting of ETD 32, committee finalized the document for printing as no comments were received. Also, Latest IEC 60335-2-2: 2019 was Wide circulated on 20-04-2023.	The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
11.	3.1.2 (39 th meeti ng)	ETD 32 (17858) (IS 302-2-4) Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 4 Spin Extractors	During the 39 th meeting of ETD 32, committee finalized the document for printing as no comments were received. Also, Latest IEC 60335-2-4:2021 Wide circulated on 20-04-2023.	The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0
12.	3.1.4 (39 th meeti ng)	ETD 32 (17878) (IS 302-2-6) Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 6 Cooking Ranges Hobs Ovens and Similar Appliances	During the 39 th meeting of ETD 32, committee finalized the document for printing. Also, Latest IEC 60335-2-6: 2018 (Ed. 6.1) Wide circulated on 03-04-2023 with Doc No ETD 32 (22186).	Document dropped as the committee decided to revise the IS as per latest IEC standard.
13.	3.1.3 (39 th meeti ng)	ETD 32 (17880) (IS 302-2-7) Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 7 Domestic Electric Clothes Washing Machines	During the 39 th meeting of ETD 32, committee finalized the document for printing. Also, Latest IEC 60335-2-7:2019 Wide circulated on 20-04-2023.	IS 302 : Part 2 : Sec 7 : 2024 has been published in January 2024. The committee may note.
14.	3.1.6 (39 th meeti	ETD 32 (17882) (IS 302-2-9) Safety of household and similar	During the 39 th meeting of ETD 32, committee finalized the document for	The document may be dropped as the same is not aligned with IEC

	ng)	electrical appliances part 2 particular requirements section 9 particular requirements for grills toasters and similar portable cooking appliances	printing. Also, Latest IEC 60335-2-9:2019 Wide circulated on 20-04-2023 with Doc no ETD 32 (22312)WC	60335-1, Ed-6.0
15.	3.1.5 (39 th meeting)	ETD 32 (17884) (IS 302-2-15) Safety of Household And Similar Electrical Appliances Part 2 Particular Requirements Section 15 Appliances for Heating Liquids	During the last meeting of ETD 32 , committee finalized the document for printing. Latest IEC 60335-2-15:2012+ AMD1:2016 +AMD2:2018 Wide circulated on 20-04-2023.	The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0
16.	3.1.7 (39 th meeting)	ETD 32 (16833) (IS 14155) Domestic Electric Clothes Washing Machines for Household Use Specification	It was decided to wide circulate the document incorporating the decisions of committee for a period of 15 days and to finalize the document for printing, with approval of chairman, in the absence of any technical comments during wide circulation.	Under advanced stage of printing. The committee may note.
17.	3.2.3 (39 th meeting)	ETD 32 (19649) (IS 302-2-30) Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 30 room heaters (First Revision) Amendment - 3	It was decided to finalize the document for printing as no comments were received.	Amendment No 3 (2023) to IS 302-2-30: 2007 was published in August 2023. The committee may note.
18.	6.1 (39 th meeting)	(ETD/32/21941) 'Household and similar electrical appliances – Accessibility of control elements, doors, lids, drawers and handles	Committee approved the document for printing.	IS/IEC 63008 : 2024 was printed in March 2024. The committee may note.

		(Identical to: IEC 63008:2020)		
19.	4.13 (40 th meeting)	Revision of IS 2082: 2018: Stationery storage type electric water heaters	It was decided that the draft standard will be discussed in the panel meeting.	A panel may be constituted for revision of the IS.
20.	10 (40 th meeting)	Proposal of transfer of IS 302 (Part 2/Sec 24) : 1994 'Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 24 refrigerators, food - Freezers and ice - Makers' to Mechanical Engineering Department of BIS.	Committee decided to transfer this standard to MED 03 sectional Committee as per the request received from the Mechanical Engineering Department (MED) of BIS.	The IS has been transferred to MED 03.
21.	4.14 (40 th Meeting)	Standards on Dishwasher	It was decided that M/s BSH and M/s VOICE will provide revised draft standard within a period of 1 month.	Draft Document submitted is placed at Annex-17. The committee may discuss.

Item 4 DRAFT STANDARDS/AMENDMENTS FOR FINALIZATION

Sl. No.	Doc. No.	Title	Remarks
1.	(ETD/32/22184) Revision of IS 302: Part 1: 2008 (Identical to: IEC 60335: 2020)	Household and similar electrical appliances Safety Part 1: General requirements	Wide circulated on 03-04-2023. Comments received are placed at Annex-5

2.	(ETD/32/22185) Revision of IS 302: Part 2: Sec 3: 2007 (Identical to: IEC 60335-2-3: 2022)	Household and similar electrical appliances Safety Part 2-3: Particular requirements for electric irons	Wide circulated on 03-04-2023. (Latest corresponding IEC is aligned with IEC 60335-1, Ed-6.0) Comments received are placed at Annex-6
3.	(ETD/32/22403) Revision of IS 302: Part 2: Sec 8: 1994 (Identical to: IEC 60335-2-8:2022)	Household and similar electrical appliances Safety Part 2-8: Particular requirements for shavers hair clippers and similar appliances	Wide circulated on 03-05-2023. (Latest corresponding IEC is aligned with IEC 60335-1, Ed-6.0) (No comments received)
4.	(ETD/32/22302) Revision of IS 302: Part 2: Sec 13: 1994 (Identical to: IEC 60335-2-13:2021)	Household and similar electrical appliances Safety Part 2-13: Particular requirements for deep fat fryers frying pans and similar appliances	Wide circulated on 20-04-2023. (Latest corresponding IEC is aligned with IEC 60335-1, Ed-6.0) (No comments received)
5.	(ETD/32/22310) Revision of IS 302: Part 2: Sec 21: 2018 (Identical to: IEC 60335-2-21:2022)	Household and similar electrical appliances Safety Part 2-21: Particular requirements for storage water heaters	Wide circulated on 20-04-2023. (Latest corresponding IEC is aligned with IEC 60335-1, Ed-6.0) Comments received are placed at Annex-7

6.	(ETD/32/22303) Superseding IS 302-2-46: 1993 (Identical to: 60335-2-42:2021)	Household and similar electrical appliances Safety Part 2-42: Particular requirements for commercial electric forced convection ovens steam cookers and steam- convection ovens	Wide circulated on 20-04-2023. (Latest corresponding IEC is aligned with IEC 60335-1, Ed-6.0) (No comments received)
7.	(ETD/32/22308) Revision of IS 302: Part 2: Sec 59: 1999 (Identical to: 60335-2-59:2021)	Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers	Wide circulated on 20-04-2023. (Latest corresponding IEC is aligned with IEC 60335-1, Ed-6.0) (No comments received)
8.	(ETD/32/22249) Superseding IS 302 (Part 2/Sec 201) : 2008 (Identical to: IEC 60335-2-74: 2021)	Household And Similar Electrical Appliances Safety Part 2-74: Particular Requirements For Portable Immersion Heaters	Wide circulated on 03-04-2023. (Latest corresponding IEC is aligned with IEC 60335-1, Ed-6.0) (No comments received)
9.	ETD/32/23559 IS 4250: 1980	Specification for Electric Food Mixers Liquidizers and Grinders Centrifugal Juicers Second Revision	Wide circulated on 13-09-2023. Comments received have been discussed in panel meetings dated 18-03-2024 and 03-04-2024. Draft for finalization is placed at Annex- 18.
10.	ETD 32 (24047)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 23 appliances for skin or hair	Wide circulated on 09-11-2023. Comments received are placed at Annex-8

		care (First Revision) Amendment - 1	
11.	(ETD/32/22294) Revision of IS 302: Part 2: Sec 2: 1997 (Identical to: IEC 60335-2-2: 2019)	Household and similar electrical appliances Safety Part 2-2: Particular requirements for vacuum cleaners and water- suction cleaning appliances	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
12.	(ETD/32/22296) Revision of IS 302: Part 2: Sec 4: 1993 (Identical to: IEC 60335-2-4:2021)	Household and similar electrical appliances Safety Part 2-4: Particular requirements for spin extractors	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
13.	(ETD/32/22186) Revision of IS 302: Part 2: Sec 6: 2009 (Identical to: IEC 60335-2-6: 2018 (Ed. 6.1))	Household and similar electrical appliances Safety Part 2-6: Particular requirements for stationary cooking ranges hobs ovens and similar appliances	Wide circulated on 03-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
14.	(ETD/32/22297) Revision of IS 302: Part 2: Sec 7: 2010 (Identical to: IEC 60335-2-7:2019)	Household and similar electrical appliances Safety Part 2-7: Particular requirements for washing machines	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
15.	(ETD/32/22298) Revision of IS 302: Part 2: Sec 9: 2009 (Identical to: IEC 60335-2-9:2019)	Household and similar electrical appliances Safety Part 2-9: Particular requirements for grills toasters and similar portable cooking appliances	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
16.	(ETD/32/22299) Revision of IS 302: Part 2: Sec 11: 1994 (Identical to: IEC 60335-2-11:2019)	Household and similar electrical appliances Safety Part 2-11: Particular requirements for tumble dryers	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
17.	(ETD/32/22300) Revision of IS 302: Part 2: Sec 12: 1993	Household and similar electrical appliances Safety Part 2-12: Particular requirements	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC

	(Identical to: IEC 60335-2-12:2002+AMD1:2008 +AMD2:2017)	for warming plates and similar appliances	60335-1, Ed-6.0.
18.	(ETD/32/22187) Revision of IS 302: Part 2: Sec 14: 2009 (Identical to: IEC 60335-2-14: 2019 (Ed. 6.1))	Household and similar electrical appliances Safety Part 2-14: Particular requirements for kitchen machines	Wide circulated on 03-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
19.	(ETD/32/22307) Revision of IS 302: Part 2: Sec 15: 2009 (Identical to: IEC 60335-2-15:2012+AMD1:2016 +AMD2:2018)	Household and similar electrical appliances Safety Part 2-15: Particular requirements for appliances for heating liquids	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
20.	(ETD/32/22312) Revision of IS 302: Part 2: Sec 23: 2009 (Identical to: IEC 60335-2-23:2016+AMD1:2019)	Household and similar electrical appliances Safety Part 2-23: Particular requirements for appliances for skin or hair care	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
21.	(ETD/32/22315) Revision of IS 302: Part 2: Sec 24: 1994 (Identical to: 60335-2-24:2020)	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances ice-cream appliances and ice makers	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
22.	(ETD/32/22193) Revision of IS 302: Part 2: Sec 25: 2014 (Identical to: 60335-2-25: 2020 (Ed. 7.0))	Household and similar electrical appliances Safety Part 2-25: Particular requirements for microwave ovens including combination microwave ovens	Wide circulated on 03-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
23.	(ETD/32/22207) Revision of	Household and similar electrical appliances-	Wide circulated on 03-04-2023.

	IS 302: Part 2: Sec 26: 2014 (Identical to: 60335-2-26:2008 (Ed. 4.1))	Safety Part 2-26: Particular requirements for clocks	The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
24.	(ETD/32/22208) Revision of IS 302: Part 2: Sec 30: 2007 (Identical to: 60335-2-30:2021 (Ed. 5.2))	Household and similar electrical appliances Safety Part 2-30: Particular requirements for room heaters	Wide circulated on 03-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
25.	(ETD/32/22314) Revision of IS 302: Part 2: SEC 31: 2009 (Identical to: IEC 60335-2-31:2012+AMD1:2016 +AMD2:2018)	Household and similar electrical appliances Safety Part 2-31: Particular requirements for range hoods and other cooking fume extractors	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
26.	(ETD/32/22295) Revision of IS 302: Part 2: Sec 32: 1994 (Identical to: 60335-2-32:2019)	Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
27.	(ETD/32/22301) Revision of IS 302: Part 2: Sec 35: 2017 (Identical to: 60335-2-35:2012+AMD1:2016+AMD2:2020)	Household and similar electrical appliances Safety Part 2-35: Particular requirements for instantaneous water heaters	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
28.	(ETD/32/22305) Revision of IS 302: Part 2: Sec 45: 1994 (Identical to: 60335-2-45:2002+AMD1:2008+AMD2:2011)	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
29.	(ETD/32/22309) Revision of IS 302: Part 2: Sec 75: 2018	Household and similar electrical appliances - Safety - Part 2-75: Particular requirements	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC

	(Identical to: 60335-2-75:2012+AMD1:2015+AMD2:2018)	for commercial dispensing appliances and vending machines	60335-1, Ed-6.0.
30.	(ETD/32/22311) Revision of IS 302: Part 2: Sec 76: 1999 (Identical to: 60335-2-76:2018)	Household and similar electrical appliances - Safety - Part 2-76: Particular requirements for electric fence energizers	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
31.	(ETD/32/22313) Revision of IS 302: Part 2: Sec 80: 2017 (Identical to: 60335-2-80:2015)	Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans	Wide circulated on 20-04-2023. The document may be dropped as the same is not aligned with IEC 60335-1, Ed-6.0.
32.	ETD/32/23639 IS 6365: 1971	Specification for Laboratory Electric Ovens-First Revision	Wide circulated on 25-09-2023. Comments received are placed at Annex-9

Item 5 DRAFTS UNDER PREPARATION

Sl. No.	IS No.	Title	Remarks
1.	IS 5790 : 1985	Specification for domestic electric cooking ovens	Draft Document submitted is placed at Annex-19. The committee may discuss.

Item 6 COMMENTS ON PUBLISHED STANDARDS

Sl. No.	IS No.	Title	Remarks
1.	IS 302: Part 2: Sec 80: 2017	Household and similar electrical appliances - Safety: Part 2 - 80 particular requirements for fans	Comments received are placed at Annex-10

2.	IS 302 : Part 2 : Sec 23 : 2009	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 23 appliances for skin or hair care	Comments received are placed at Annex-11
3.	IS 8978 : 1992	Specification for electric instantaneous water heaters	Comments received are placed at Annex-12
4.	IS 374 : 2019	Specification for electric ceiling type fans and regulators	Comments received are placed at Annex-13
5.	IS 302 (Part 2/Sec 7) : 2024	Safety of Household and Similar Electrical Appliances Part 2 Particular Requirements Section 7 Domestic Electric Clothes Washing Machines	Comments received are placed at Annex-14

Item 7 PRESENT POSITION OF WORK OF ETD 32

7.1 The present position of work under ETD 32 is given in **Annex 2**.

The committee may note.

7.2 Review of Standards - Taking up Revision of pre-2000 standards

Status of revision of pre-2000 published standards discussed during the 40th meeting of ETD 32 is given below:

Sl No.	IS No.	Title	Decision taken during 40 th meeting of ETD 32	Status/Remarks
1.	IS 365 : 1983	Specification for electric hot plates (Second Revision)	It was decided that a team of M/s Philips , M/s Havells and M/s Bajaj will provide the draft for revision of this standard in 3 months time.	To be archived
2.	IS 366 : 1991	Electric iron - Specification (Fourth Revision)	It was decided that a team of M/s Philips , M/s Havells and M/s Bajaj will provide the draft for revision of this standard in 3 months time.	Member(s) to update and provide the draft
3.	IS 367 : 1993	Electric kettles and jugs for household and similar use - Specification (Fourth Revision)	It was decided that a team of M/s Philips , M/s Havells and M/s Bajaj will provide the draft for revision of this standard in 3 months time.	Member(s) to update and provide the draft
4.	IS 555 : 1979	Specification for electric table type fans and regulators (Third Revision)	It was decided that IFMA will provide the draft for revision of this standard in 3 months time.	Member to updated and provide appropriate draft incorporating previous amendments etc.
5.	IS 959 : 1994	Specification for electric soldering irons (Third Revision)	It was decided that IEEMA will provide the draft for revision of this standard in 3 months time.	To be archived

6.	IS 1169 : 1967	Specification for electric pedestal type fans and regulators (First Revision)	It was decided that IFMA will provide the draft for revision of this standard in 3 months time.	Member to updated and provide appropriate draft incorporating previous amendments etc.
7.	IS 1287 : 1993	Electric toasters - Specification (Third Revision)	It was decided that a team of M/s Philips , M/s Havells and M/s Bajaj will provide the draft for revision of this standard in 3 months time.	Member(s) to update and provide the draft
8.	IS 1415 : 1966	Specification for electric hand - Lamps (Revised)	It was decided to withdraw this standard as the requirement of this standard is covered in Requirements given in IS 10322(Pt 5/Sec 6) :2013	It will be taken up in the upcoming meeting of ETDC in July 2024 for final decision.
9.	IS 1416 : 1972	Specification for safety transformers (First Revision)	It was decided that ERDA will provide the draft for revision of this standard .	Member(s) to update and provide the draft
10.	IS 2082 : 2018	Stationary storage type electric water heaters - Specification (Fifth Revision)	It was decided that the draft standard prepared by the panel will be discussed in the panel meeting.	A panel may be constituted for revision of the IS.
11.	IS 2268 : 1994	Electrical call bells and buzzers for indoor use - Specification (Third Revision)	It was decided that Shri Anil Mehta, M/s Panasonic Ltd will provide the draft for revision of this standard .	To be archived

12.	IS 2312 : 1967	Specification for propeller type AC ventilating fans (First Revision)	It was decided that IFMA will provide the draft for revision of this standard .	Member(s) to update and provide the draft
13.	IS 2994 : 1992	Electric stoves - Specification (Second Revision)	It was decided that a team of M/s Philips , M/s Havells and M/s Bajaj will provide the draft for revision of this standard in 3 months time.	Member(s) to update and provide the draft
14.	IS 2997 : 1964	Specification for air circulator type electric fans and regulators	It was decided that IFMA will provide the draft for revision of this standard	Member(s) to update and provide the draft
15.	IS 3412 : 1994	Electric water boilers - Specification (Second Revision)	It was decided that M/s Venus Ltd will provide the draft for revision of this standard	To be archived
16.	IS 3481 : 1966	Specification for electric portable lamp stands and brackets	It was decided to transfer this standard to ETD 23 sectional committee .	To be archived
17.	IS 3588 : 1987	Specification for electric axial flow fans (First Revision)	It was decided that IFMA will provide the draft for revision of this standard .	Member(s) to update and provide the draft

18.	IS 3963 : 1987	Specification for roof extractor units (First Revision)	It was decided that MED Department may be consulted for transfer of this standard .	Reply from MED is awaited
19.	IS 4250 : 1980	Specification for domestic electric food - Mixers (Liquidizers And Grinders) (First Revision)	It was decided that the draft standard prepared by the panel will be discussed in the panel meeting.	Comments received on WC have been discussed in panel meetings dated 18-03-2024 and 03-04-2024. Draft for finalization is placed at Annex-18.
20.	IS 4327 : 1967	Specification for electric fans and regulators for use in ships	It was decided that IFMA will provide the draft for revision of this standard .	Member(s) to update and provide the draft
21.	IS 4894 : 1987	Specification for centrifugal fans (First Revision)	It was decided that IFMA will provide the draft for revision of this standard .	Member(s) to update and provide the draft
22.	IS 6390 (Part 2) : 1992	Domestic electrical clothes washing machines - Specification: Part 2 requirements for tumbler dryers	It was decided that M/s BSH will provide the draft for revision of this standard .	Member(s) to update and provide the draft

23.	IS 7154 : 1994	Mains operated electric hair dryers (First Revision)	It was decided that M/s Dyson will provide the draft for revision of this standard .	Member(s) to update and provide the draft
24.	IS 7603 : 1975	Specification for portable low speed food grinding machines	It was decided that a team of M/s Philips , M/s Havells and M/s Bajaj will provide the draft for revision of this standard in 3 months time.	Member(s) to update and provide the draft
25.	IS 8506 : 1977	Specification for laboratory electrical resistance furnaces		To be archived
26.	IS 8978 : 1992	Specification for electric instantaneous water heaters (Second Revision)	It was decided that M/s Crompton Greaves will provide the draft for revision of this standard .	Member(s) to update and provide the draft
27.	IS 11676 : 1995	Microwave ovens for household and similar purposes - Specification (First Revision)	It was decided that Shri P K Mukherjee will provide the draft for revision of this standard .	Member(s) to update and provide the draft
28.	IS 6272 : 1987	Specification for industrial cooling fans (Man Coolers) (First Revision)	It was decided that IFMA will provide the draft for revision of this standard .	Member(s) to update and provide the draft

Item 8 INTERNATIONAL ACTIVITIES

8.1 India is Participating member in TC 61 and IEC TC 59.

Present position of work of TC 61 and TC 59 is given at **Annex 3**.

The committee may note.

Item 9 Annual Programme for Standardization for the year 2024-25

Annual Programme for Standardization is an important instrument as it helps to plan for the entire year the activities to be undertaken by the committee. It, inter-alia, includes documents under development, meetings, new subjects to be taken up, etc. However, the programme should also have agility to accommodate new requirements arising at any point of time. BIS management therefore emphasizes on preparation of the Annual Programme for Standardization and advises committees to prepare the one for the year 2024-2025.

Considering the current work in hand, the committee may CONSIDER the draft Annual Programme for Standardization for the year 2024-25 given at **Annex 4** for approval.

Committee members are also requested to actively participate in the development and execution of this programme.

Item 10 Indian Standard on "POLYMER COATED INNER TANKS FOR STORAGE WATER HEATER

Due to the growing demand for water heaters with polymer-coated inner tanks in the market, requests have been received to formulate an IS on such tanks for storage water heaters.

On ETD's request, CHD is in the process of formulating an Indian Standard on Polymer Coated Inner Tanks for Storage Water Heater. The draft IS in Wide Circulation stage was also circulated among ETD 32 members, requesting them to share their comments on the same with CHD. As informed by CHD, the draft standard is currently under printing. The committee may note.

Further, the committee may discuss whether, instead of specifying different materials such as copper, stainless steel and vitreous enamel for inner tank/container of storage water heater, common requirements for inner tank/container can be prescribed, rendering Cl. 22.110 of IS 302-2-21: 2018 material independent, without diluting the safety aspects ensured by the IS.

Item 11 DATE AND PLACE FOR THE NEXT MEETING

Sectional Committee	Q1	Q2	Q3	Q4
ETD 32	04/06/2024	20/08/2024	20/11/2024	18/02/2025

Item 12 ANY OTHER BUSINESS