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BUREAU OF INDIAN STANDARDS
RESOLUTIONS

Name of the Committee	No. of Meeting	Day	Date	Time	Venue
Lifts, Escalators and Moving Walks Sectional Committee, ETD 25	32 nd	Thursday	October 24, 2024	10:30 h	VMCC Hall, IIT, Mumbai + Virtual

1. CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The minutes of the last meeting (31st meeting) of Lifts, Escalators and Moving Walks Sectional Committee, ETD 25 held on 12-April-2024 were formally confirmed by the committee.

2. COMPOSITIONS OF LIFTS, ESCALATORS AND MOVING WALKS SECTIONAL COMMITTEE, ETD 25

- a) It was decided to co-opt Electrical Inspectorates of following states in the committee so as to have active participation from states with Lift Acts and Rules in place:
 - i) Electrical Inspectorate, U.P
 - ii) Electrical Inspectorate, Kerala
 - iii) Electrical Inspectorate, Bihar
 - iv) Electrical Inspectorate, Himachal Pradesh
 - v) Electrical Inspectorate, Jharkhand
- b) It was decided to remove National Safety Council and DLF from the committee due to lack of participation.
- c) It was decided to co-opt Mitsubishi in the committee based on their contribution in the Panel P4. Further, it was decided to include more MSMEs in the Panel P4 and working groups, especially from the area of hydraulic lifts. Once included in the Panel and working groups, it was decided to evaluate the performance of each of the MSMEs for their further inclusion in the sectional committee.
- d) It was decided to write to the Govt. departments having inadequate participation in the committee one last time and if no response is received, their membership from the committee is to be removed/cancelled.

3. Identification of Sectors, Sub-sectors and sub-sub-sectors in Sectional Committee

The committee agreed to review the sector, sub-sector classification given in Annex 2 of the agenda and submit the following proposals for final consideration and approval of sectional committee:

- a) Indicate approval/propose changes in the classification shared by MS.
- b) In case, changes are proposed in a) above, indicate the Indian Standards (from ETD 25 POW) to be shifted to each of the sectors.
- c) Composition of each of the sector/sub-sector to be proposed.

- d) Allocate clearly the scope of work and tasks to each Panel and Working Group.
- e) Allocate time lines to already identified tasks in this sectional committee meeting.

The above task shall be spearheaded and completed by Panel P4 in 15 days so that scope of each new working group does not overlap with each other and the recommendation of the panel based on due deliberation shall be reviewed by the sectional committee in its meeting scheduled in the 1 month's time.

Further, it was proposed to have Mr Tipnis as the convener of the newly formed/to be formed working groups so that the documents drafted under each Panel/WG have a general state of uniformity before submission to the sectional committee.

4. COMMENTS ON PUBLISHED INDIAN STANDARDS

- a) The committee re-iterated that the IS 17900 does not restrict the use of hydraulic buffers and decided to clarify the above again to the repeat request of M/s Oleo Buffers.
- b) The committee decided to request ETD 09 to consider revision of IS 4289 (Part 2) in line with the latest IEC 60227-6. The committee also approved the nomination of Mr U Viswanathan, M/s Kone and Mr Vishnu Parashar, M/s TK Elevator to ETD 09 for this particular agenda point subject to agreement and approval of ETD 09 committee, so as to have the view point of lift stakeholders represented aptly while development of standards on the subject of travelling cables for lifts.

5. P-DRAFTS APPROVED FOR CIRCULATION

The committee approved the following drafts for P-draft circulation among ETD 25 committee members for a period of 1 month:

- i) IS 17900 (Part 7/Sec 7) Lifts for the Transport of Persons and Goods: Part 7 Lifts for Special Applications, Section 7 Lifts under **Seismic Conditions (NEW)**

6. P-DRAFT APPROVED FOR WORKING DRAFT DEVELOPMENT

The committee approved the following new work items to be initiated for Working Draft preparation:

- i) Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Stairlifts and inclined lifting platforms intended for persons with impaired mobility (**NEW**) –
 - It was decided to draft a 2 different sections (viz. IS 17900 (Part X/Sec 1) and IS 17900 (Part X/Sec 2) addressing vertical lifting platforms and powered stairlifts respectively.
 - Adhoc Working Group to be created with composition including : Convener – Mr Tipnis
Members – Mr Raju Joseph Pulikkunnel (M/s Aarding India) + 2 members to be identified and finalized based on sector/sub-sector classification.
- ii) IS 17900 (Part 7/Sec 3) Lifts of the transport of persons and goods Part 7: Lifts for special application, Section 3: Private residence lifts (Home lifts) (*Superseding IS 15259*) (**REVISION**)
 - It was decided to drop Doc: ETD 25 (24463) and draft a fresh new working draft on the subject

- Panel P4 to complete the task.
- iii) IoT Solutions/Remote Monitoring (**NEW**)
- It was decided to prepare a working draft on the subject and use the same draft for addressing this section under AWI 8100-11 under ISO TC 178. Mr U Viswanathan was identified and approved as the designated expert on this project from India.
 - WG 2 to complete the task.
- iv) ISO 8103-1: 2024 Escalators and moving walks: Part 1 Safety requirements (REVISION of IS 4591 (Part 1/Sec 1 to 3))
- It was decided to review ISO 8103-1 : 2024 from the Indian perspective and assess the need to make any changes w.r.t India specific conditions.
 - WG 3 to complete the task.

7. DRAFTS APPROVED FOR PRINTING

The committee approved the following documents for printing:

- i) Draft IS 17900 (Part 5) Lifts for The Transport of Persons and Goods Part 5 Guide for Inspection of Lifts (*Superseding IS 14665 Part 5:1999*)
- ii) Draft IS 17900 (Part 7/Section 6) Lifts for Transport of Persons and Goods Part 7 Lifts for Special Applications Section 6 Occupant Evacuation Lifts
- iii) Draft IS 17900 (Part 11) Lifts for The Transport of Persons and Goods Part 11: Safety Norms for Existing Lifts Risk Assessment and Risk Reduction (*Superseding IS 17491: 2020*)
- iv) Draft IS 17900 (Part 3/Sec 2) Lifts for The Transport of Persons and Goods Part 3: Specifications For Planning And Selection Section 2: Goods & Automobile Lifts
- v) Draft IS 17900 (Part 10) Lifts for The Transport of Persons and Goods Part 10 Replacement of Existing Passenger and Goods Passenger Lifts in Existing Buildings
- vi) Draft IS 17900 (Part 7/Sec 4) Lifts for The Transport of Persons and Goods Part 7 Lifts for Special Applications Section 4 Lifts for Persons with Disabilities (*Superseding IS 15330*)
- vii) Draft IS 17900 (Part 4) Lifts for the Transport of Persons and Goods Part 4 Control devices, signals and additional fittings
- viii) Draft IS 17900 (Part 7/Sec 2): Lifts for the Transport of Persons and Goods: Part 7 Lifts for Special Applications, Section 2 Rack and Pinion Lifts used in Under- Construction Buildings
- ix) Draft IS 17900 (Part 7/Sec 1) Lifts for the transport of persons and goods: Part 7 Lifts for special applications Section 1 Lifts Used in Under-Construction Buildings

8. NWIP ON AIR DRIVEN ELEVATOR

The committee decided that a detailed deliberation and assessment of the comparative report submitted by M/s Nibhav is required in order to establish how safety is addressed w.r.t provisions of IS 17900 (Part 1 and 2). Panel P4 agreed to review the document thoroughly and submit its recommendation to the committee.

9. Designation of Indian Experts at IEC Projects and establishment of level of interest for New and ongoing projects of ISO TC 178

- a) The committee in principle agreed with the level of interest indicated in the agenda for the new and ongoing projects of ISO TC 178 except for ISO/WD TS 8100-10 wherein the committee decided to change the level of interest to “medium”.
- b) It was decided to nominate Mr U Viswanthan as designated Indian Expert for the draft AWI ISO TS 8100-11 Lifts for the transport of persons and goods — Part 11: Interoperability between lift and other systems so that the relevant part w.r.t remote monitoring could be drafted by him as an Indian expert in the document.

10. Comments on Published or under development ISO standards

i) Comments on draft ISO 8100-2 from Mr Manokar

The committee approved the comments to be sent to ISO TC 178 secretariat for consideration.

ii) Comments on Draft under development – IoT Solutions

See 9 b) above.

11. Expert Nomination to ISO TC 178 WGs

- a) The committee approved the nomination of following experts to ISO TC 178 Working Groups:
 - i) Mr U Viswanthan, M/s Kone – WG 4, WG 6, WG 12, WG 13
 - ii) Mr Nitin Kadam, M/s Schindler – WG 12Members nominated above were advised to abide by Item 10.3 of agenda for their roles and responsibilities as experts nominated from India.
- b) The committee decided to delete nominations of Shri M. Balasubramanian (no longer member of ETD 25) and Shri Nimish V. Deshpande (nomination replaced by Mr Nitin Kadam already) in WG 5.

12. New Work Item Proposals at ISO

The committee decided to develop a working draft on “**Sustainability guidelines for lifts**” for further consideration of the committee for proposing the draft (if found in order) as NP to ISO TC 178.

The other subjects (Occupant evacuation lifts and Rack & Pinion Lifts) shall also be revisited after review by Panel P4.

13. IMPLEMENTATION OF INDIAN STANDARD

The committee recommended to propose a 1 year extension to BIS for concurrent running of IS 17900 (Part 1 and 2) alongside IS 14665 (Part 1, 2/Sec 1, 3/Sec 1, 4/Sec 1 to 9), IS 14671, and IS 15785, based on the progress of work reported and proposed plan of completion of transition submitted by 9 industry representations.

14. DATE AND PLACE OF NEXT MEETING

The committee decided to meet virtually in 1 month to finalize the sector, sub-sector classification (mentioned above at Sl no. 3). The final date shall be decided in consultation with the Chair of the committee.