

## Annex 5 Comments on Wide Circulation drafts

### 1. ETD 25 (24328) - LIFTS FOR THE TRANSPORT OF PERSONS AND GOODS PART 3: SPECIFICATIONS FOR PLANNING AND SELECTION : Section 2: Goods Automobile Lift

Doc. No.	Basic Details	Clause/Subclause No.& Attachment	Paragraph No./Figure No./Table No.	Type of Comment	Comments/Suggestions along with Justification for the Proposed Change	Proposed Change/Modified Wordings	Remarks
24328	Name: ULHAS VAJRE Organisation: N/A Email: ulhasvajre@gmail.com Mobile: 9821672242 Comment ID #: ETD_2023-12-065898	1 N/A	1	General	Perused the document and there's no comment.	Perused the document and there's no comment.	
	Shri Pravin Tipnis	1			SERIES A — Passenger and goods (freight) lifts with loading conforming to <b>IS 17900 Part 1 (clause no. 5.4.2) and IS 17900 Part 2.</b>	Add "Table 6 and Table 7".  Delete. Does not refer to any loading of car.	
		3.1				3.1 Goods Lift — A lift designed primarily for the transport of goods <b>but</b> which may <b>however</b> ; carry a lift attendant and / or other authorized personnel	Delete  Crossed out text

					necessary for the loading or unloading of goods.		
		3.2			3.2 Automobile Lift — A lift designed primarily for the transport of vehicles which may <b>however</b> , carry a lift attendant and / or occupants of the vehicle.	Crossed out text	
		4.1	7		Normally goods lifts have lower speeds than passenger lifts for the same travel because traffic conditions are less demanding, and more time is required for loading and unloading. As loads for goods lifts increase in size and weight, <b>so</b> the operation of loading and unloading becomes more difficult. Therefore, it is usual to require greater accuracy of levelling as the capacity of the goods lift increases.	Crossed out text	
		5.1.1	Fig 1		Center Opening Door  Central opening	Center Telescopic Door.  Center Opening.	

		N/A	Table 1		<p>Recommended Dimensions of Goods Lifts with Machine Room - Series A cars - <b>Vertical Sliding Door</b> All dimensions are in mm.</p> <p>(b3 + b4)</p> <p>(d2 + d4)</p> <p>(h3 + X)</p>	<p>Are the dimensions applicable to all the three types of doors; i.e. Type 4, Type 5, Type 6? Please mention accordingly.</p> <p>Why not put the value of b4 as 1000 in the way it is done in Table 2?</p> <p>Why not put the value of d4 as 2500 in the way it is done in Table 2?</p> <p>Can the value of "x" be specified in Table 5?</p>	
		N/A	Table 3		<p>(h3 + X)</p> <p>Notes 1) Minimum floor to floor height (h5) for vertical sliding door is (h3 + X), where 'h3' is clear entrance height &amp; <b>for 'X' dimensions is depending upon types of doors and refer Table 5 for</b></p>	<p>Can "x" dimension be specified?</p> <p>Substitute by "Dimension X depends upon the type of door. Refer Table 5 for vertical sliding door types."</p>	

					<b>vertical sliding doors types.</b>	
		N/A	Table 4		(h3 + X)  Notes 1) Minimum floor to floor height (h5) for vertical sliding door is (h3 + X), where 'h3' is clear entrance height & <b>for 'X' dimensions is depending upon types of doors and refer Table 5 for vertical sliding doors types.</b>	Can "x" dimension be specified?  Substitute by "Dimension X depends upon the type of door. Refer Table 5 for vertical sliding door types."
		N/A	Table 5 ENTRANCE TYPE: VERTICAL SLIDING DOORS			Can we add a column specifying dimension of "x" for these entrance types?
		5.1.2			The rated load of the elevator shall be not less than the load (including any truck) to be carried, and shall in no case be based on less than 3.45 kN/m2 of inside net platform area.	May be deleted as it is covered in clause 4.1 "The lift shall be designed and selected for the applicable class of loading (see 5.1.3)."

		N/A	Table 6		<p>RECOMMENDED DIMENSIONS OF AUTOMOBILE LIFTS WITH MACHINE ROOM - THROUGH TYPE CAR SERIES B - <b>VERTICAL SLIDING DOOR</b></p> <p>ALL DIMENSIONS ARE IN MM</p> <p>COPD Door</p> <p>(b3 + b4) (d2 + d4)</p> <p>All dimensions given above for <b>machine room less lifts with 6 panel centre opening doors (6P COPD)</b> used for automobiles are recommended dimensions for architects and building planners. Any variations mutually agreed to between the manufacturer and the purchasers are permitted. However, the minimum rated load for the automobile lift</p>	<p>Type not mentioned. All applicable types shall be mentioned.</p> <p>??</p> <p>??</p>	
--	--	-----	---------	--	--	---	--

					shall be based on a load of not less than 1.45kN/m <sup>2</sup> of the net inside car area.		
		5.2.2			Planning Outline Dimensions For Machine Room-Less Lifts (Mrl) — For deciding lift arrangements and for planning dimensions of machine room-less lifts, reference	Are we not covering MRL automobile lifts with vertical sliding doors?	

**2. ETD 25 (24343) - LIFTS FOR THE TRANSPORT OF PERSONS AND GOODS PART 7 LIFTS FOR SPECIAL APPLICATIONS  
SECTION 4 REQUIREMENTS OF LIFTS FOR PERSONS WITH DISABILITIES**

<b>Doc. No.</b>	<b>Basic Details</b>	<b>Clause/Subclause No.&amp; Attachment</b>	<b>Paragraph No./Figure No./Table No.</b>	<b>Type of Comment</b>	<b>Comments/Suggestions along with Justification for the Proposed Change</b>	<b>Proposed Change/Modified Wordings</b>	<b>Remarks</b>
24343	Shri Pravin Tipnis	4.4.2.5			This serves as an option to <b>4.2.3</b> .	? Is it 4.2.2.1?	
		4.4.5			Temporary Activation of Features — The features, extended door dwell time (see <b>4.2.3</b> ) and voice announcement (see	? Is it 4.2.2.1?	

					4.4.3.1 (b) and 4.4.4.2) may be activated for a single trip by a suitable device. If a button is used for this purpose, it has to meet the requirements of 4.4.1 and shall be marked with the international symbol of access.		
		D-2 DESIGN REQUIREMENT			The requirements of <b>4.3.1 and 4.3.2</b> apply with the following exceptions and additional requirements:	Please check the nos. Are they 4.4,1 and 4.4.2 ?	
Name: SHRI ABHIJIT DANDEKAR Organisation: N/A Email: abhijit.dandekar@otis.com Mobile: 9637900700 Comment ID #: ETD_2024-02-061811		4.2.2.1	1	Editorial	Wrongly numbered as 4.2.2.1	Change clause number 4.2.2.1 to 4.2.3	
		4.2.3	1	Editorial	Wrongly numbered as 4.2.3	Change existing clause No 4.2.3 to 4.2.4	
		Annex D	D2	Editorial	Clause numbers 4.3.1 and 4.3.2 are incorrect in line 1	Please change them to 4.4.1 & 4.4.2	
Name: Manokar S. Organisation: N/A Email: manokarsivasamy@gmail.com Mobile: 9994466710		IS 17900 - FOREWARD	2	Editorial	<b><i>In FOREWORD paragraph</i></b>  1) " likespecifications"  2) " IS 2: 2022"	<b><i>In FOREWORD paragraph</i></b>  1) like specifications  2) IS 2 : 2022	

	Comment ID #: ETD_2023-12-118985				<p><b>1 SCOPE - paragraph</b></p> <p>use of lifts</p> <p><b>4.3.2.1</b></p> <p>" griping"</p> <p>The correction are hilghted in yellow colour in the attachment</p>	<p><b>1 SCOPE - paragraph</b></p> <p>use of lifts</p> <p><b>4.3.2.1</b></p> <p>" gripping"</p> <p>The correction are hilghted in yellow colour in the attachment</p>	
--	----------------------------------	--	--	--	---	--	--

**3. ETD 25 (24445) - LIFTS FOR THE TRANSPORT OF PERSONS AND GOODS PART 11: SAFETY NORMS FOR EXISTING LIFTS RISK ASSESSMENT AND RISK REDUCTION**

Doc. No.	Basic Details	Clause/Subclause No.& Attachment	Paragraph No./Figure No./Table No.	Type of Comment	Comments/Suggestions along with Justification for the Proposed Change	Proposed Change/Modified Wordings	Remarks
24445	Name: Praveena Siddaramanna Organisation: N/A	2 N/A	6	General	The standard IS 15330 has been superseded by IS 17900 Part7 Section 8	Replace '15330 : 2020 Requirements of lifts for persons with disabilities (first	



	<p>Email: praveena.siddaram anna@otis.com Mobile: 8971505385 Comment ID #: ETD_2024-02- 084433</p>					<p>revision)' with "IS 17900 Part 7 Section 8 : REQUIREMENTS OF LIFTS FOR PERSONS WITH DISABILITIES"</p>	
	<p>Name: Shri Shrihari Vispute Organisation: N/A Email: Shrihari.Vispute@ot is.com Mobile: 9741500335 Comment ID #: ETD_2024-02- 092775</p>	<p>2 N/A</p>	<p>2</p>	<p>General</p>	<p>Ref standard number to be updated to the latest one</p>	<p>Replace  15330 : 2020 Requirements of lifts for persons with disabilities (first revision)  by  IS 17900 Part 7 Section 8 : REQUIREMENTS OF LIFTS FOR PERSONS WITH DISABILITIES"  (This is already under wide circulation)</p>	
		<p>5.3.1 N/A</p>	<p>1</p>	<p>General</p>	<p>Ref standard number to be updated to the latest one</p>	<p>Replace  IS 15330  With</p>	

						IS17900 Part 7 Section 8	
		5.11.3	1	Editorial	This clause is to be in one line	to be continued part of previous line ...	
		N/A			Landing and car doors which contain glass shall be checked to see that the glass fitted is in accordance with  5.3.5.3 of IS 17900 (Part1) : 2022	Landing and car doors which contain glass shall be checked to see that the glass fitted is in accordance with 5.3.5.3 of IS 17900 (Part1) : 2022	

**4. ETD 25 (24446) - Lifts for the Transport of Persons and Goods Part 4 Specifications for Control Devices Buttons Signals Indicators and Other Fittings**

Doc. No.	Basic Details	Clause/Subclause No.& Attachment	Paragraph No./Figure No./Table No.	Type of Comment	Comments/Suggestions along with Justification for the Proposed Change	Proposed Change/Modified Wordings	Remarks
24446	Shri Pravin Tipnis	3.2.1.2			At each intermediate floor, the landing station shall be provided with <b>at least</b> two call buttons, one marked with symbol and the other with symbol (see Table B.1, 6)	Are these words needed?	

		3.2.2.1 (c)			– Not used---	May be deleted.	
		3.2.2.2 (a)			The requirements of 3.2.1.4 a), the first sentence only of b), and c) and e) shall apply;	Not clear. The actual requirement may be specified here.	
		3.2.2.3 (c)			The specifications of <b>3.2.2.3.1</b> and <b>3.2.2.3.2</b> shall apply for both car entrances.	These nos do not exist. Are they 3.2.2.3 a) and 3.2.2.3 b)?	
		A-3.4 (a)(2)			30 mm recommended		

**5. ETD 25 (24455) - LIFTS FOR THE TRANSPORT OF PERSONS AND GOODS PART 5 ELECTRIC TRACTION HYDRAULIC: INSPECTION MANUAL**

<b>Doc. No.</b>	<b>Basic Details</b>	<b>Clause/Subclause No.&amp; Attachment</b>	<b>Paragraph No./Figure No./Table No.</b>	<b>Type of Comment</b>	<b>Comments/Suggestions along with Justification for the Proposed Change</b>	<b>Proposed Change/Modified Wordings</b>	<b>Remarks</b>
24455	Shri Pravin Tipnis	3.2.6			There is a refuge space label (Pictogram) in the shaft pit and on the car top (balustrade). The label shows the person position as laying, crouching or standing. The label also		

					indicates the maximum number of people refuge space can accommodate <b>s</b> .		
		N/A	1		<b>b)</b> Landing and enter the lift pit only if it is dry.		
		N/A	1 Sr. No. 6		Buffers shall not be in bent condition. PU buffer shall not be in degenerated condition in the case of oil buffers, a device for determining the quantum of oil shall be provided		
		N/A	1 Sr. No. 22		By-pass indicator at car bottom		
		N/A	3 (a) Sr. No. h		Verify that <b>inspection switch must prevent</b> the elevator from moving in <b>inspection mode</b> .	automatic mode.	
		N/A	3 (a) Sr. No. 9		For manual door, <b>Observe</b> whether the retiring cam comes in contact with the lever of landing gate locks.		
		N/A	3 (a) Sr. No. 13		The trailing cable shall be in good condition that is the insulation shall not <b>get</b> frayed or damaged mechanically.	be	
		N/A	3 (a) Sr. No. 18		It shall form a vertical surface which <b>is</b>	May be	

					directly connected to the landing door sill, whose height is at least half the unlocking zone plus 50 mm and whose width is at least the clear opening of the car access plus 25 mm on both sides;		
		N/A	3 (a) Sr. No. 28		Checking the provision car door lock.	Details missing.	
		N/A	3 (b) Sr. No. d and e		d) Switch 'OFF' car top <b>li</b> e) <b>Get</b> and Close the landing door		
		N/A	5 (b) Sr. No. 9		5.3.8.1	5.3.8.1 Protection against the risk of falling  5.9.2.3	
		N/A	6 Sr. No. 12		Check the electrical anti creep system. <b>electrical anticreep system</b>		

**6. ETD 25 (24457) - LIFTS FOR TRANSPORT OF PERSONS AND GOODS IS 17900 PART 7 SECTION 6 OCCUPANT EVACUATION LIFTS SPECIFICATION**

<b>Doc. No.</b>	<b>Basic Details</b>	<b>Clause/Subclause No.&amp; Attachment</b>	<b>Paragraph No./Figure No./Table No.</b>	<b>Type of Comment</b>	<b>Comments/Suggestions along with Justification for the Proposed Change</b>	<b>Proposed Change/Modified Wordings</b>	<b>Remarks</b>
24457	Shri Pravin Tipnis	4.1.10			"The cable providing power to the lift(s) shall be fire protected to the same fire protection level as given to the lift well structure."	may be deleted in view of 4.1.13	
		4.1.13			"The normal power feeders & back up power feeders shall be provided with 2 hr. fire resistance rated enclosures until they reach the machine room/controller."		
		4.2.2		Editorial	car sizes		
		6		Editorial	6 DEACTIVATION OF DRIVER ASSISTED EVACUATION OPERATION	manually	

**7. ETD 25 (24463) - IS 17900: LIFTS FOR THE TRANSPORT OF PERSONS AND GOODS PART 7: LIFTS FOR SPECIAL APPLICATIONS SECTION 3: HOME LIFTS**

<b>Doc. No.</b>	<b>Basic Details</b>	<b>Clause/Subclause No.&amp; Attachment</b>	<b>Paragraph No./Figure No./Table No.</b>	<b>Type of Comment</b>	<b>Comments/Suggestions along with Justification for the Proposed Change</b>	<b>Proposed Change/Modified Wordings</b>	<b>Remarks</b>
24463	Shri Pravin Tipnis	5.1		Editorial	Proper numbering to be done. Please check word file.		

**8. ETD 25 (24981) - Lifts for the Transport of Persons and Goods : Part 6 Guide for Maintenance of Lifts Amendment - 1**

<b>Doc. No.</b>	<b>Basic Details</b>	<b>Clause/Subclause No.&amp; Attachment</b>	<b>Paragraph No./Figure No./Table No.</b>	<b>Type of Comment</b>	<b>Comments/Suggestions along with Justification for the Proposed Change</b>	<b>Proposed Change/Modified Wordings</b>	<b>Remarks</b>
24981	Name: G.K.Prajapati Organisation: N/A Email: aei-nz- ced@gujarat.gov.in Mobile: 9825179862	9.1 N/A		General	Lift licenses are presently issued by the respective state licensing authorities following the verification of safety aspects. Furthermore, in the majority of states,	Every lift shall have a QR code prominently displayed on the lift license issued by the licensing authority. Lift	

	Comment ID #: ETD_2024-03- 170929				including Gujarat, these services are now facilitated online. Integrating a QR code into the lift license would streamline the process for the respective licensing authorities, enhancing efficiency and ease of implementation.	license shall be displayed prominently in the lift car. Scanning this QR code will provide the following information about the lift:Top of Form	
--	---	--	--	--	---	---	--