

ADAAG ELEVATOR CHECKLIST

LOCATION: _____

CITY: _____ STATE: _____ ELEVATOR #: _____

No.	ADAAG Section	Item	Compliant	Findings & Notes
		GENERAL		
1*	4.10.1	Elevator must comply with ASME A17.1-1990. Freight elevators are not acceptable, unless only elevator provided and is authorized to carry passengers, both public & employees.	<input type="checkbox"/>	
		AUTOMATIC OPERATION		
2	4.10.2	Elevators must be automatic.	<input type="checkbox"/>	
3	4.10.2	Self-leveling to within ½ in.	<input type="checkbox"/>	
		HALL CALL BUTTONS		
4.	4.10.3	Buttons centered at 42 in. above the floor.	<input type="checkbox"/>	
5	4.10.3	Buttons to illuminate when call is entered and extinguish when answered.	<input type="checkbox"/>	
6	4.10.3	Buttons to be at least ¾ in. in the smallest dimension.	<input type="checkbox"/>	
7	4.10.3	Up button located above down button.	<input type="checkbox"/>	
8	4.10.3	Buttons raised or flushed.	<input type="checkbox"/>	
9	4.10.3	Objects mounted beneath hall buttons not to project into the lobby more than 4 inches.	<input type="checkbox"/>	
		HALL LANTERNS		
10	4.10.4	Visible and audible signals at each hoistway entrance to indicate which car is responding to the call.	<input type="checkbox"/>	
11	4.10.4	Audible signals to sound once for "up" and twice for "down," or may have verbal announcement stating "up" or "down."	<input type="checkbox"/>	

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12	4.10.4 (1)	Hall directional lantern centered at least 72 in. above floor	<input type="checkbox"/>	
13	4.10.4 (2)	Directional lantern visible elements minimum of 2½ in. in the smallest dimension.	<input type="checkbox"/>	
14	4.10.4 (3)	Directional lanterns must be visible from the vicinity of the hall call button.	<input type="checkbox"/>	
15	4.10.4 (4)	In car lanterns, meeting the requirements above are acceptable in lieu of hall directional lanterns.	<input type="checkbox"/>	
		HOISTWAT ENTRANCES		
16	4.10.5	Raised and Braille floor designations are required on both door jambs. Permanently applied plates are acceptable.	<input type="checkbox"/>	
17	4.10.5	Centerline of floor designations characters 60 in. above floor.	<input type="checkbox"/>	
18	4.30.4	Characters must be 2 in. high, raised 1/32 of an inch upper case, sans serif (block letters) or simple serif type.	<input type="checkbox"/>	
19	4.30.4	Grade II Braille to accompany raised characters.	<input type="checkbox"/>	
		DOOR POTECTIVE & REOPENING DEVICES		
20	4.10.6	Doors must open and close automatically.	<input type="checkbox"/>	
21	4.10.6	Non-contact door reopening device at 5 in. and 29 in. above the floor.	<input type="checkbox"/>	

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22	4.1.6 (3) ©	If safety edges are provided on existing elevators, the non-contact door reopening devices may be omitted.	<input type="checkbox"/>	
23	4.10.6	Reopening device to remain operational for at least 20 seconds.	<input type="checkbox"/>	
		DOOR AND SIGNAL TIMING		
24	4.10.7	Minimum acceptable door open time from notification car is answering a hall call unit until the car doors begin to close: $T=D/(1.5ft/s)$ Where T is the total time in seconds and D is the distance from a point in the lobby or corridor 60 in. directly in front of the farthest call button controlling that car to the centerline of its hoistway door.	<input type="checkbox"/>	
25	4.10.7	Minimum acceptable notification time is 5 seconds.	<input type="checkbox"/>	
		DOOR DELAY FOR CAR CALLS		
26	4.10.8	Door to remain open for a minimum of 3 seconds in response to car calls.	<input type="checkbox"/>	
		FLOOR PLAN NEW ELEVATOR		
27	4.10.9	Shall provide space for wheelchair users to enter the car, maneuver within reach of controls and exit the car. Doors shall provide 36 in. clear minimum opening. Car depth: 51 in. minimum, with 54 in. minimum from rear of cab to inside face of door. Car width: Side opening door 68 in. minimum; center-opening door 80 in. minimum.	<input type="checkbox"/>	

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		FLOOR PLAN EXISTING ELEVATOR		
28	4.1.6 (3) ©	Where existing configuration or technical feasibility prevents use of car size specified in Checklist Item 27, dimensions may be reduced as required. However, in no case shall the inside car dimensions be less than 48 in. by 48 in. Equivalent facilitation may be provided with a cab of different size when usability can be demonstrated and when all other items required to be accessible comply.	<input type="checkbox"/>	
29	4.10.9	Clearance between car platform sill and edge of hoistway landing sill no greater than 1 ¼ inch.	<input type="checkbox"/>	
		FLOOR SURFACES		
30	4.10.10 & 4.5.1	Surfaces to be stable, firm and slip resistant.	<input type="checkbox"/>	
31	4.5.3	Carpeting, if installed, must have firm cushion, pad or backing, or no cushion or pad.	<input type="checkbox"/>	
32	4.5.3	Carpeting must have level loop, textured loop, level pile texture.	<input type="checkbox"/>	
33	4.5.3	Carpeting pile thickness not to exceed ½ in.	<input type="checkbox"/>	
34	4.5.3	Carpeting must have exposed edges fastened to the floor surface.	<input type="checkbox"/>	
35	4.5.3	Exposed edges of carpets must be trimmed.	<input type="checkbox"/>	

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		ILLUMINATION LEVELS		
36	4.10.11	Five foot candles of illumination to be provided at car controls, platform and sill.	<input type="checkbox"/>	
		CAR CONTROLS		
37	4.10.12 (1)	Buttons to be at least 3/4 in. in their smallest dimension.	<input type="checkbox"/>	
38	4.10.12 (1)	Buttons must be flush or raised.	<input type="checkbox"/>	
39	4.10.12 (2)	Buttons must be designated by raised characters and Braille, or symbols complying with ASME A17.1, Rule 210.13.	<input type="checkbox"/>	
40	4.10.12 (2)	Characters must be a minimum of 5/8 in. high, uppercase sans serif (block letters) or simple serif type.	<input type="checkbox"/>	
41	4.10.12 (2)	Grade II Braille to accompany raised characters of symbol.	<input type="checkbox"/>	
42	4.10.12 (2)	Raised designations must be to the immediate left of the button to which they apply.	<input type="checkbox"/>	
43	4.10.12 (2)	Call button illuminates when call is entered and extinguishes when answered.	<input type="checkbox"/>	
44	4.10.12 (3)	Floor buttons must be no higher than 48 in. when located in front return. Buttons must be no higher than 54 in. when side approach is provided.	<input type="checkbox"/>	
45	4.10.12 (3)	Emergency controls, including emergency alarm and emergency stop (if provided), must be grouped at the bottom of the panel and have their centerlines no less than 35 in. above the finished floor.	<input type="checkbox"/>	

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46	4.10.12 (4)	Controls must be on the front return wall with center-opening doors. They may be on the front return or strike jamb sidewall with side-opening doors.	<input type="checkbox"/>	
		CAR POSITION INDICATORS		
47	4.10.13	Visual car position indicator must be provided above control panel or over door.	<input type="checkbox"/>	
48	4.10.13	Car position indicated numerals must be a minimum of ½ in. high.	<input type="checkbox"/>	
49	4.10.13	Audible signal to sound as the car passes or stops at a floor and a corresponding floor designation must illuminate. Audible signal must be at least 20 dB, with a frequency no higher than 1,500 Hz.	<input type="checkbox"/>	
50	A4.10.13	A button to activate audible signal only for desired trip may be provided.	<input type="checkbox"/>	
51	4.10.13	An automatic verbal announcement of the floor at which a car stops may be substituted for the audible signal.	<input type="checkbox"/>	
		EMERGENCY COMMUNICATION		
52	4.10.14	If provided, emergency two-way communication system between the elevator and a point outside the hoistway must comply with ASME A17.1-1990, Rule 211.1.	<input type="checkbox"/>	
53	4.10.14	The highest operable part must be a maximum of 48 in. from the car floor.	<input type="checkbox"/>	

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54	4.10.14	Emergency communication identification must be provided and located adjacent to the device. Characters must be a minimum of 5/8 in. high, raised 1/32 in., upper case sans serif (block letters) or simple serif type, and accompanied by Grade II Braille.	<input type="checkbox"/>	
55	4.10.13	If a handset is provided, the cord must be at least 29 in. long.	<input type="checkbox"/>	
56	4.27.4	If located in a closed compartment, the door must be operable with one hand. It must not require tight grasping, pinching or twisting of the wrist. The force required to open the door must not exceed 5 lbf. The compartment should be identified.	<input type="checkbox"/>	
57	4.10.13	The system must not require voice communications.	<input type="checkbox"/>	
		TRANSPORTATION FACILITIES		
	10.3.1	New stations in rapid rail, light rail, commuter rail, intercity bus, intercity rail, high-speed rail and other fixed guideway systems (e.g. automated guideway transit, monorails, etc.).	<input type="checkbox"/>	
58	10.3.1 (17)	Elevator cars with a clear floor area in which a 60-in. diameter circle can be inscribed can be substituted for the dimensions specified in Checklist Item 27.	<input type="checkbox"/>	
		GLAZING		
59	10.3.1 (17)	Elevators to be glazed or have transparent panels to allow an unobstructed view into and out of the car.	<input type="checkbox"/>	

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		ESCALATORS (Below-Grade Stations)		
60	10.3.1 (16)	Minimum clear width of 32 in.	<input type="checkbox"/>	
61	10.3.1 (16)	Top and bottom of escalator to have at least two contiguous treads level beyond the comb plate before the risers begin to form.	<input type="checkbox"/>	
62	10.3.1 (16)	Escalator treads must be marked by a strip of clear contrasting color, 2 in. wide, placed parallel to and on the nose of each step. The strip must be of a material that is at least as slip-resistant as the remainder of the tread.	<input type="checkbox"/>	
63	10.3.1 (16)	The edge of the tread must be apparent from both the ascending and descending directions.	<input type="checkbox"/>	