



Category 5 Test Report

ASME 17.1 2010, Req. 8.6.4.20 Electric Elevators

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Refer to ASME A17.2 2010
 for testing procedures

Individual or firm performing tests:		OEM:	
Site name:		Building ID:	State ID:
Rated speed: _____ <input type="checkbox"/> m/s <input type="checkbox"/> fpm	Rated load: _____ <input type="checkbox"/> kg <input type="checkbox"/> lb	Test due (mm/yy): _____/_____/_____	Code date (mm/yy): _____/_____/_____
CAR AND COUNTERWEIGHT SAFETIES — A17.1, Req. 8.6.4.20.1 and A17.2, Item 2.29; refer to Tables 2.29.2(a)-(e)			
Test date: ____/____/____	Guide rails: <input type="checkbox"/> Steel <input type="checkbox"/> Wood	Type: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> Broken/slack rope	Cwt. safeties: <input type="checkbox"/> Not applicable
Machine type: <input type="checkbox"/> Traction <input type="checkbox"/> Drum <input type="checkbox"/> Roped hydraulic	Overall condition (describe on separate report): <input type="checkbox"/> Good <input type="checkbox"/> Repairs/adjustment before test <input type="checkbox"/> Repairs/adjustment after test		
Actual stopping distances: Minimum _____ <input type="checkbox"/> mm <input type="checkbox"/> in.	Maximum _____ <input type="checkbox"/> mm <input type="checkbox"/> in.	Slide: _____ <input type="checkbox"/> mm : <input type="checkbox"/> in.	Test tags affixed? <input type="checkbox"/> Yes
GOVERNORS — A17.1, Req. 8.6.4.20.2 and A17.2, Item 2.13; refer to Tables 2.13.2			
Car governor (<input type="checkbox"/> Test tag affixed)		Counterweight governor (<input type="checkbox"/> Test tag affixed)	
Tripping speeds: <input type="checkbox"/> ms or <input type="checkbox"/> fpm	Gov. rope size _____ mm in.	Breaking strength: _____ kg. lb.	Tripping speeds: <input type="checkbox"/> ms or <input type="checkbox"/> fpm
Switch: _____ N lbf	Pull-through: _____ N lbf	Pull-out: _____ N lbf	Switch: _____ N lbf
Jaws: _____	<i>Cannot exceed 20% of governor-rope breaking strength</i>	<i>Cannot exceed 60% of pull-through</i>	Jaws: _____
			<i>Cannot exceed 20% of governor-rope breaking strength</i>
			<i>Cannot exceed 60% of pull-through</i>
Governor type: <input type="checkbox"/> Centrifugal <input type="checkbox"/> Flyball <input type="checkbox"/> Overhead flyball <input type="checkbox"/> Horizontal shaft <input type="checkbox"/> Other: _____	Governor type: <input type="checkbox"/> Centrifugal <input type="checkbox"/> Flyball <input type="checkbox"/> Overhead flyball <input type="checkbox"/> Horizontal shaft <input type="checkbox"/> Other: _____		
OIL BUFFERS — A17.1, Req. 8.6.4.20.3 and A17.2, Items 3.28 and 5.12			
Car buffers: <input type="checkbox"/> Test tag affixed <input type="checkbox"/> Tested at rated speed with rated load in car	<i>Refer to 8.11.2.3(b) and (c)</i>		Counterweight buffers: <input type="checkbox"/> Test tag affixed <input type="checkbox"/> Tested at rated speed with rated load in car
Buffer switch operation: <input type="checkbox"/> OK <input type="checkbox"/> Repair/adjust	Oil level: <input type="checkbox"/> OK <input type="checkbox"/> Add oil _____ in.	Runby: _____ in.	Buffer switch operation: <input type="checkbox"/> OK <input type="checkbox"/> Repair/adjust
			Oil level: <input type="checkbox"/> OK <input type="checkbox"/> Add oil _____ in.
			Runby: _____ in.
BRAKING SYSTEM — A17.1, Req. 8.6.4.20.4 and A17.2, Item 2.17; refer to Table 8.6.4.20.4			
125% rated-load test: <input type="checkbox"/> Passed <input type="checkbox"/> Adjusted/repared & retested	Class C-2 loading: <input type="checkbox"/> Maintained level car	Safely lowered and stopped with 125% of rated load: <input type="checkbox"/> Passenger elevator <input type="checkbox"/> Freight allowed to carry passengers	
EMERGENCY AND STANDBY POWER OPERATION — A17.1, Req. 8.6.4.20.5 and A17.2, Item 1.17			
<input type="checkbox"/> 125% of rated load	<input type="checkbox"/> Rated load only	<input type="checkbox"/> Adjusted/repared and retested	<input type="checkbox"/> Passed
EMERGENCY TERMINAL STOPPING, SPEED-LIMITING DEVICES — A17.1, Req. 8.6.4.20.6 and A17.2, Item 2.28			
<input type="checkbox"/> Bottom terminal run at rated speed	<input type="checkbox"/> Top terminal run at rated speed	<input type="checkbox"/> Adjusted/repared and retested	<input type="checkbox"/> Passed
POWER OPENING OF DOORS — A17.1, Req. 8.6.4.20.7 and A17.2, Item 1.10			
<input type="checkbox"/> Doors open only in landing zone <input type="checkbox"/> Doors open only within 300 mm (12 in.) of floor (static drive)			
EMERGENCY STOPPING DISTANCE — A17.1, Req. 8.6.4.20.10			
<input type="checkbox"/> Rope slip	<input type="checkbox"/> Drive stalled	125% rated-load test: <input type="checkbox"/> Adjusted/repared and retested	<input type="checkbox"/> Passed
LEVELING ZONE, LEVELING SPEED, INNER-LANDING ZONE — A17.1, Req. 8.6.4.20.8,9 and A17.2, Table 1.10.2			
Unlocking/inner landing zone: _____ mm in.	<input type="checkbox"/> NA	Leveling zone, non-static drive: _____ mm in.	<input type="checkbox"/> NA
Leveling zone, manual: _____ mm in.	<input type="checkbox"/> NA	Landing/unlocking zone: _____ mm in.	<input type="checkbox"/> NA
Leveling zone, static drive: _____ mm in.	<input type="checkbox"/> NA	Truck zone: _____ mm in.	<input type="checkbox"/> NA

