



**Elevator, Boiler, & Amusement Ride Bureau**  
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# Escalator Test & Inspection Report

ACME A17.1 – Sections 8.10.4 and 8.11.4

State ID: \_\_\_\_\_

Date Tested _____
<input type="checkbox"/> Passed inspection
<input type="checkbox"/> Passed test
<input type="checkbox"/> Failed inspection
<input type="checkbox"/> Failed test

- Annual    Acceptance    Five-Year    Alteration

Complete all items at time of acceptance, alteration or five-year tests. Write "N/A" if not applicable. Form will be returned if not completed. Submit copy of step/skirt performance index computer printout with this report.

## Escalator Information

Owner Name			Building Name		
Owner Address			Location Address		
City	State	Zip	City	State	Zip
Manufacturer		Installed code edition	Serial #	Normal travel of direction: <input type="checkbox"/> Up <input type="checkbox"/> Down	
Rated Speed:      fpm	Capacity:      lbs.	Brake torque data plate: (1983 or later)	Brake torque Actual:	Calibration Certificate #:	

### 1. ASME A17.1 Section 8, step/skirt performance index

The escalator skirt shall not be cleaned, lubricated or otherwise modified in preparation for testing. The escalator instantaneous step/skirt performance index measurements (ASME A17.1 Rule 8.6.8.3) shall be recorded at intervals no larger than 150 mm (6 in) from each side of two distinct steps along the inclined portion of the escalator, where the steps are fully extended. Test steps shall be separated by a minimum of 8 steps.

Step 1 left:	Step 1 right:	Step 2 left:	Step 2 right:	Skirt deflectors: <input type="checkbox"/> Yes <input type="checkbox"/> No
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### 2. ASME A17.1 Section 8, clearance between step and skirt (loaded gap installed under ASME A17.1d-2000)

Loaded gap measurements shall be taken at intervals not exceeding 300 mm (12 in) in transition region (ASME A17.1 Rule 8.6.8.2) and before the steps are full extended. These measurements shall be made independently on each side of the escalator.

Top landing left:	Top landing right:	Bottom landing left:	Bottom landing right:
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### 3. ASME A17.1 Section 8, clearance between step and skirt (unloaded gap installed prior to ASME A17.1d-2000)

Unloaded gap measurements shall be taken at several locations through entire travel. Gaps cannot exceed maximums found in ASME A17.1 Rule 8.6.8.2.

Top landing left:	Top landing right:	Bottom landing left:	Bottom landing right:
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### Top comb-step impact device (if provided)

Center:      lbs.	Right:      lbs.	Left:      lbs.
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### Bottom comb-step impact device (if provided)

Center:      lbs.	Right:      lbs.	Left:      lbs.
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**Pass=meets requirements; Fail=comment at bottom of this checklist; N/A=not applicable**

Item	Pass	Fail	N/A	Item	Pass	Fail	N/A
1. General fire protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16. Caution signs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Geometry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17. Deck barricades and antislides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Handrails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18. Steps and upthrust device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Entrance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19. Operating and safety devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Lighting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20. Skirt obstruction device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Brake torque actual using certified wrench	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21. Egress restriction (rolling shutter) device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Speed governor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22. Speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Machinery, space access, lighting, receptacle and condition stop switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23. Broken drive chain and disconnected motor safety switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Step/skirt clearance, panels and performance index	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24. Handrail systems and safety devices (speed-stall device)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Outdoor protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25. Broken step chain device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Steps and upthrust device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26. Missing step device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Balustrades	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27. Steps, step chains and trusses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Controller	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	28. Reversal stop switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Drive machine and brake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29. Code data plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Response to smoke detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	30. Step lateral displacement devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Each item is referenced in ACME A17.2-2014 guide for inspection**

Reference the number above that failed to meet requirements and explanation of why it did not prove satisfactory.

#	Explanation

**Comments**

**4. ASME A17.1 section 8 metal tag with the test date, the requirement number requiring the test and the name of the person or firm performing the test shall be installed in each machine room.**

I certify that the above tests were performed in compliance with ASME 17.1 section 8.6.

Company performing test	Name	Phone Number	Date
Elevator Company Address	City	State	Zip
Test witnessed by (name)	Phone Number	Date	
QEI provider	QEI number		