



# ASME A17.1 Category 1 Periodic Escalator/Moving Walk Tests

City of Madison Fire Dept.  
Elevator Inspection Unit  
325 W. Johnson St.  
Madison WI 53703  
Phone: (608) 266-5909  
Fax: (608) 267-1153  
www.madisonfire.org

Instructions: Please TYPE or PRINT CLEARLY the information requested on this form.  
Personal information you provide may be used for secondary purposes [Privacy Law, s.15.04(1)(m)]

Building Name	Owner Name	Registration Tag No.
Street Address	Address	Regulated Object ID
City, State, Zip	City, State, Zip	Manufacturer

1	Rated Speed	Capacity	Normal Direction Of Travel: Up <input type="checkbox"/> Down <input type="checkbox"/>
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2	<p><b>ASME A17.1 8.6.8.15.19 Step/Skirt Performance Index:</b> The escalator skirt shall not be cleaned, lubricated, or otherwise modified in preparation for testing. The escalator instantaneous step/ skirt index measurements 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.</p> <p>Step 1: Left                  Right                  Step 2: Left                  Right                  Skirt Deflectors: Yes <input type="checkbox"/> No <input type="checkbox"/></p>		
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3	<p><b>ASME A17.1 8.6.8.15.20 Clearance Between Step and Skirt (Loaded Gap):</b> Loaded gap measurements shall be taken at intervals not exceeding 300 mm (12 in.) in transition region (6.1.3.6.5) and before the steps are fully extended. These measurements shall be made independently on each side of the escalator. <i>(Units Contracted After 3/31/2004)</i></p> <p>Top Landing: Left                  Right                  Bottom Landing: Left                  Right</p>		
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4	<b>ASME A17.1 8.6.8.15 Additional Tests:</b>		
	OK	Fail	n/a
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Controller and Wiring		Drive Machine And Brake
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Speed Governor		Broken Drive-Chain Device
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Reversal Stop Switch		Broken Step-Chain Or Treadway Device
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Step Upthrust Device		Missing Step Or Pallet Device
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Step Or Pallet Level Device		Handrail Safety Systems
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Permissible Stretch in Escalator Chains <i>(not to exceed 6 mm (0.25 in.))</i>		Disconnected Motor Safety Device
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Response To Smoke Detectors		Comb-Step, Comb-Pallet Impact Device
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Skirt Obstruction Devices		Step, Pallet, Chain And Trusses
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments: \_\_\_\_\_

5	<p><b>ASME A17.1 Requirement 8.6.1.7.2:</b> A metal test 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. Tests shall also be recorded in the Maintenance Record.</p>
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<b>The Above Tests Were Performed In Compliance With ASME A17.1 and DSPS 18</b>			
Firm Performing Test	Address	City, State, Zip	Date of Test
Name and License Number of Person Performing Test (Print)		Signature of Person Performing Test	

Reports Shall Be Filed With the Madison Fire Department Within 15 (Fifteen) Days of Performing Test.