



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

City of Madison Fire Dept.  
Elevator Inspection Unit  
314 W Dayton St  
Madison WI 53703-2579  
Phone: (608) 266-5909  
Fax: (608) 267-1100  
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

<b>1</b>	Rated Speed	Capacity	Normal Direction Of Travel: Up <input type="checkbox"/> Down <input type="checkbox"/>
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<b>2</b>	<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      OK <input type="checkbox"/> Fail <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Skirt Deflectors: Yes <input type="checkbox"/> No <input type="checkbox"/></p>		
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<b>3</b>	<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      OK <input type="checkbox"/> Fail <input type="checkbox"/> N/A <input type="checkbox"/></p>		
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<b>4</b>	<b>ASME A17.1 8.6.8.15 Additional Tests:</b>		
	OK	Fail	n/a
Controller and Wiring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Speed Governor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reversal Stop Switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Step Upthrust Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Step Or Pallet Level Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permissible Stretch in Escalator Chains <i>(not to exceed 6 mm (0.25 in.))</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Response To Smoke Detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skirt Obstruction Devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	OK	Fail	n/a
Drive Machine And Brake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Broken Drive-Chain Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Broken Step-Chain Or Treadway Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Missing Step Or Pallet Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handrail Safety Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

<b>5</b>	<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. <[ACA website for online reporting]>