

## Escalator and Moving Walk Test

<b>Minnesota Dept. of Labor and Industry Elevator Safety Section</b>  443 Lafayette Road North St. Paul, MN 55155-4341 Phone: 651-284-5071 Email: <a href="mailto:elevator.inspections.dli@state.mn.us">elevator.inspections.dli@state.mn.us</a>	City\State Id	Submitted Date	Elevator Contractor	
	Building Name		Building Contact	
	Address			City

TEST TYPE		ACCEPTANCE				ANNUAL (CAT1)								
Install Year		Manufacturer		Unit Number		Code Year		Escalator or Walk						
Accept	CAT1	DESCRIPTION				RESULT			ASME A17.1 Code					
X	X	Machine Room and Truss Interior – Clean and Lights Working				P	F	N/A	8.6.8.15.1					
X	X	Machine Space Stop Switches				P	F	N/A	8.6.8.15.2					
X	X	Controller and Wiring Examination				P	F	N/A	8.6.8.15.3					
X	X	Drive Machine and Brake Exam and Test. Includes Brake Torque Test				P	F	N/A	8.6.8.15.4					
		Torque Max		Torque Min										
		Breakaway		Dynamic										
X	X	Speed Governor & Speed Test				P	F	N/A	8.6.8.15.5					
X	X	Broken Drive Chain Device				P	F	N/A	8.6.8.15.6					
X	X	Reversal stop switch Device				P	F	N/A	8.6.8.15.7					
X	X	Broken Step Chain or Treadway Device:				P	F	N/A	8.6.8.15.8					
X	X	Step Up Thrust Device				P	F	N/A	8.6.8.15.9					
X	X	Missing Step or Missing Pallet Device:				P	F	N/A	8.6.8.15.10					
X	X	Step or Pallet Level Device:				P	F	N/A	8.6.8.15.11					
X	X	Examine Steps. Pallets. Chains and Trusses. Chain Stretch				P	F	N/A	8.6.8.15.12					
X	X	Test Handrail Safety Systems: (entry; speed monitoring devices)				P	F	N/A	8.6.8.15.13					
X	X	Examine and Test Outdoor Heater Operation.(Outdoor ESC and MW Only)				P	F	N/A	8.6.8.15.14					
X	X	Escalator Chain Stretch (Clearance between steps 6mm (.25 inch) or less)				P	F	N/A	8.6.8.15.15					
X	X	Disconnected Motor Safety Device				P	F	N/A	8.6.8.15.16					
X	X	Response to Smoke Detectors				P	F	N/A	8.6.8.15.17					
X	X	Comb Impact Device				P	F	N/A	8.6.8.15.18					
		Top LH Force Hor.		Top CTR. Force Hor.							Vert.		Top RH Force Hor.	
		Bot. LH Force Hor.		Bot. CTR. Force Hor.							Vert.		Bot. RH Force Hor.	
X	X	Step/Skirt Indexing and loaded Gap – Escalators only				P	F	N/A	8.6.8.15.19					
		Left Step One Index		Right Step One Index							≤0.15 without Deflector ≤0.4 with Deflector			
		Left Step Two Index		Right Step Two Index										
X	X	Loaded Gap – Escalators installed under the A17.1-2000 or later editions				P	F	N/A	8.6.8.15.20					
		Loaded Gap Left		Loaded Gap Right										
X	X	Gap between Step and Skirt (not loaded) ≤ .1875 in (4.8mm)				P	F	N/A	8.6.8.2					
X	X	Inspection Control Devices				P	F	N/A	8.6.8.15.21					
X	X	Step Lateral Device (Curved Escalators Only)				P	F	N/A	8.6.8.15.22					
X		Tandem Operation				P	F	N/A	8.10.4.1.1(j)(4)					
X		Skirt Obstruction Devices				P	F	N/A	8.10.4.1.2(t)					
X		Egress Restriction Devices – Varied speed escalators and moving walks				P	F	N/A	8.10.4.1.1(l)					

Complete the form and email a copy annually to [elevator.inspections.dli@state.mn.us](mailto:elevator.inspections.dli@state.mn.us)

Any results identified as "Failed" shall be addressed immediately with the owner.

**Licensed elevator constructors or contractors shall not leave any elevator in service if an unsafe condition exists because of these or any other tests.**

Licensed Constructor Name (Print)	License #	SIGNATURE	Date:
Acceptance tests Signed by Inspector		SIGNATURE	Date: