



City of Los Angeles
 Department of Building and Safety

INFORMATION FOR INCLINED STAIRWAY CHAIRLIFTS

JOB ADDRESS:		Chairlift No:	
PCIS #: _____ - _____ - _____			
CONTRACTOR:		Licence #	C11
BTRC #		State Certification #	
Signature:		Date:	

The following information is necessary to check inclined stairway chairlifts. It shall be shown both on these sheets and in the blue prints:

		EXAMPLE	ACTUAL VALUE
GENERAL INFORMATION			
L1	Driving Means	Roped hydraulic	
L2	Rated speed	40 ft/min	
L3	Angle of incline	45°	
RUNWAY			
L4	Clear width of means of egress	44 inches	
L5	Detail of the anchorage of the equipment to the structure (approved structural plans required)	See sheet #3	
CHAIR AND SEATS			
L6	One or two sit lift	One sit lift	
L7	Rated load	250 lbs	
L8	Weight of seat and truck	350 lbs	
L9	Distance the chair stops beyond the nose of the top landing, measured horizontally from the center of the seat.	20 inches	
L10	Swivel chair	N/A	
L11	Distance between footrest and step nosing.	7 inches	

L12	Devise on the footrest to stop the upward motion of the carriage if encounters an object between the footrest and the step nosing.	N/A	
SUSPENSION AND SUPPORT MEANS			
L13	Suspension and support means	Ropes	
SAFETIES			
L14	Manufacturer	Best Co.	
L15	Model	ABC	
L16	Activation method	Governor	
TRUCK GUIDES			
L17	Rail size	15 lbs/ft	
L18	Moment of inertia (required only for non-standard rails)		
L19	Section modulus (required only for non-standard rails)		
L20	Spacing of rail brackets	4 ft	
L21	Brackets detail	See sheet # 3	
PRESSURE			
22	Maximum working pressure	600 psi	
23	Relief valve set pressure	700 psi	
PLUNGER			
L24	Type of steel	SAE 1040	
L25	Tensile strength	85,000 psi	
L26	Yield strength	71,000 psi	
L27	Percentage elongation in 2 in. gauge length as per ASTM Standard E8	12%	
L26	Inside Diameter	Solid rod	
L29	Outside diameter	1 ½ in.	
L30	Free length	10 ft	
L31	Wall thickness	N/A	
L32	Head thickness	N/A	
L33	Shape of head (drawing required)	N/A	

L34	Dished head, dimensions	N/A	
CYLINDER			
L35	Outside diameter	2.375 in	
L36	Inside Diameter	1.939 in	
L37	Wall thickness	0.218 in	
L38	Head thickness	2 ½ in	
L39	Shape of head (drawing required)	Flat	
L40	Dished head, dimensions	N/A	
L41	Type of steel	SAE 1040	
L42	Tensile strength	85,000 psi	
L43	Yield strength	71,000 psi	
L44	Percentage elongation in 2 in. gauge length as per ASTM Standard E8	12	
PIPING			
L45	Nominal diameter	3/4 in	
L46	Schedule	80	
ROPES			
L47	Number of ropes	2	
L48	Roping ratio	1:1	
L49	Type and size of ropes	16x19 1/4 in	
L50	Rated braking strength of one rope	23,000 lbs	
L51	Weight of ropes	20 lbs	
COUNTERWEIGHT			
L52	Weight of counterweight	N/A	
L53	Driving means between the machine and the counterweight	N/A	
L54	Number of ropes	N/A	
L55	Roping ratio	N/A	
L56	Type and size of ropes	N/A	
L57	Rated braking strength of one rope	N/A	
L58	Weight of ropes	N/A	

