

INFORMATION REQUIRED FOR INCLINED WHEELCHAIR LIFTS

The following information is necessary to check wheelchair lifts. It shall be shown on this sheet and on the layout.

JOB ADDRESS:
WHEELCHAIR LIFT No.
Signature:

		EXAMPLE	ACTUAL VALUE
GENERAL INFORMATION			
H2	Driving Means	Roped hydraulic	
H3	Rated speed	30 ft/min	
H8	Angle of incline	45 ⁰	
H34	Maximum distance of the edge of the platform facing the upper landing above a step or landing as measured vertically.	24 inches	
H42	Location of controller	See lay out	
H52	Electrical disconnect switch (show on lay out, "note not allowed)	See lay out	
PLATFORM			
H63	Inside width	32 inches	
H64	Inside depth	48 inches	
H65	Weight (Platform and accessory)	250 lbs	
H66	Capacity (Rated load)	750 lbs.	
H67	Door width	30 inches	
H68	Door height	42 inches	
H76	Height of platform side guards above the platform	42 inches	

CAR GUIDE RAILS			
H110	Rail size	8 lb/ft	
H120	Spacing of rail brackets	120 in	
PRESSURE			
H140	Maximum working pressure	492 psi	
H141	Relief valve set pressure	615 psi	
H142	Maximum pressure system can withstand		
PLUNGER			
H147	Type of steel	AISI 1026	
H148	Tensile strength	71,000 psi	
H149	Yield strength	60,000 psi	
H150	Percentage elongation in 2 in. gauge length as per ASTM Standard E8	20%	
H151	Inside Diameter	1.61 in.	
H152	Outside diameter	1.9 in.	
H153	Free length	12 ft	
H154	Wall thickness	0.145 in.	
H155	Head thickness	0.75 in.	
H117	Shape of head	flat	
H118	Dished head, dimensions (drawing required)	N/A	
CYLINDER			
H163	Head thickness	0.75 in.	
H164	Wall thickness	0.216 in.	
H165	Nominal size	3.5 in.	
H166	Shape of head	flat	
H167	Dished head, dimensions (drawing required)	N/A	

H169	Type of steel	AISI 1026	
H170	Tensile strength	71,000 psi	
H171	Yield strength	60,000 psi	
H172	Percentage elongation in 2 in. gauge length as per ASTM Standard E8	20%	

PIPING			
H175	Nominal diameter	1 in.	
H176	Schedule	40	
ROPES			
H300	Number of ropes	2	
H301	Roping ratio	1:1	
H302	Type and size of ropes	8X19 - 3/8 in	
H303	Manufacturer rated breaking strength	8200 lb	
SAFETIES			
H310	Number and type	1, B	
H311	Manufacturer	XYZ Co.	
H312	Model	FGC 2	
H313	State approval No.	12345	