

Wind Tower Lift Test and Inspection Report

Test Date: _____	Inspection:
State Permit#: _____	Pass Fail
Tower ID#: _____	Test:
	Pass Fail

Test: Cat. 1 (2 years) Cat.5 (10 years)

Inspection Type: Acceptance Annual Alteration

Complete all items at the time of Cat. 5, acceptance or alteration tests. Complete asterisk (*) items for annual inspection. Write N/A if the item is not applicable. Test will be returned if not completed.

*Owner's name				*Phone number	
*Owner's address		*City		*State	*Zip
*Lift location				*Location phone number	
*Lift address <small>Same as owner address</small>		*City		*State	*Zip
*Manufacturer		*Manufacturer model name		*Serial #	
*Type of machine		Latitude (GPS coordinate)		Longitude (GPS coordinate)	
*Installation code year		*Alteration code year		*Max overload allowed	lbs
*Rated load	fpm	*Rated speed	fpm	Overload device set at	lbs
Loaded car speed up	fpm	Loaded car speed down	fpm	Loaded emergency descent speed	fpm
*Unloaded car speed up	fpm	*Unloaded car speed down	fpm	*Unloaded emergency speed	fpm
*Safety rope safety trip speed		*Safety rope safety set distance		*Safety rope replacement interval	
*Condition of safety after test		*Condition of safety rope after test		*Safety rope last replacement date	
*Hoist rope safety set distance		*Hoist rope safety trip speed	fpm	*Hoist rope replacement interval	
*Condition of hoist safety after test		*Condition of hoist rope after test		Hoist rope last replacement date	
*Guide ropes replacement interval		*Slack cable safety set distance		*Type of lock-out disconnect means	
*Hour meter reading				Maintenance logs on site	Yes No

State ID#: _____

Wind Tower Lift Test and Inspection Report Continued

Test	Pass	Fail	N/A	Test	Pass	Fail	N/A
*Hoist rope condition				*Hoist rope tension device			
*Safety rope condition				*Safety rope tension device			
*Guide rope condition				*Power cord catch basket			
*Guide rope tension device				*Communication device			
*Suspension guide attachment beam				*Hoist rope safety			
*Suspension guide beam bolt torque stripes				*Hoist rope safety switch			
*Beam weld visual inspection				*Safety rope safety			
*Beam tower attachments				*Safety rope safety switch			
*Top hoist rope attachments				*Slack cable safety			
*Top safety rope attachment				*Slack cable safety switch			
*Top guide ropes attachment				*Lift guide shoes			
*Hoist rope tag				*Suspended power cords (strain relief)			
*Safety rope tag				*Normal lower limit			
*Guide rope tag				*Final lower limit			
*Stop switch (e-stop)				*Normal top limit			
*Run indicator light				*Final top limit			
*Operating controls				*Hoisting mechanism (cartop)			
*Remote key switch				*Motor overspeed devices			
*Bypass key safety switch				Overload device			
*Interior floor				Overload audible alarm			
*Interior lighting				Overload indicator light			
*Lift framework				*Top/bottom flasher lights			
*Entry door contacts				*Condition of landing gates/fencing			
*Enclosure access				*Lift and access areas free of oil/debris			
*Enclosure signage				*Slack cable mechanism visual inspection			
*Manufacturer dataplate				*Remote operating controls			
*Hoisting mechanism visual inspection				*Safety mechanism visual inspection			
				Test tag installed in lift?	Yes	No	

Remarks and repairs made – explain deficiencies (use a separate piece of paper if necessary):

The above inspection and tests were performed in compliance with ASME A17.1 Section 8.6. I certify that the information on this form is true and accurate to the best of my knowledge.

Company performing test	Mechanic performing test name	Phone number
Test witness by inspector name	QEI provider	QEI#

Mechanic signature

Date

Test witness signature

Date