

WAC 296-870-30020 Periodic inspections and tests. (1) You must make sure the building owner has completed and documented the periodic inspections and tests shown in Table 2.

(2) You must make sure any documentation required by Table 2, Periodic Inspections and Tests, is readily available for your own review and that of the director or an authorized representative.

(3) You must make sure suspension wire rope is used and maintained as specified in the wire rope manufacturer's recommended procedures.

(4) You must remove from service a wire rope that has any of the following:

(a) Broken wires exceeding three wires in one strand or six wires in one rope lay;

(b) Distortion of rope structure such as would result from crushing or kinking;

(c) Evidence of heat damage;

(d) Evidence of rope deterioration from corrosion;

(e) A broken wire within eighteen inches (460.8 mm) of the end attachments;

(f) Noticeable rusting and pitting;

(g) Evidence of core failure. This could be indicated by a lengthening of rope lay, protrusion of the rope core and a reduction in rope diameter;

(h) More than one valley break (broken wire);

(i) Outer wire wear exceeds one-third of the original outer wire diameter;

(j) Any other condition which the competent person determines has significantly affected the integrity of the rope.

**Table 2
Periodic Inspections and Tests**

What to inspect:	When to inspect:	Inspection and test requirements:	Building owner documentation:
Related building supporting structures	Intervals not exceeding twelve months	Inspection by a competent person	Keep a certification record of each inspection and test that includes all of the following: <ol style="list-style-type: none"> 1. Date of the inspection 2. Signature of the person who performed the inspection 3. Number, or other identifier, of the building support structure and equipment which was inspected
All parts of the equipment including control systems	Intervals specified by the manufacturer or supplier, but not to exceed twelve months	Inspection and test, where necessary, by a competent person to determine: <ol style="list-style-type: none"> 1. They are in safe operating condition; and 2. Parts subject to wear, such as wire ropes, bearings, gears, and governors have not worn to such an extent as to affect the safe operation of the installation 	

What to inspect:	When to inspect:	Inspection and test requirements:	Building owner documentation:
Working platform	Every thirty days; or Before each work cycle if the work cycle is more than thirty days	Maintenance inspection and test by a competent person following procedures recommended by the manufacturer	Keep a certification record of each inspection and test that includes all of the following: <ol style="list-style-type: none"> 1. Date of the inspection and test 2. Signature of the person who performed the inspection and test 3. An identifier for the platform installation which was inspected
Governors and secondary brakes	Intervals specified by the manufacturer or supplier, but not to exceed twelve months	Inspection and test by a competent person. Results need to confirm: <ol style="list-style-type: none"> 1. The initiating device for the secondary braking system operates at the proper overspeed; and 2. The secondary brake is functioning properly <p>If any hoisting machine or initiating device for the secondary brake system is removed from the equipment for testing, reinspect all reinstalled and directly related components before returning the equipment installation to service</p>	
Suspension wire ropes	Once a month for ropes in service Before they are returned to service for ropes that have been out of service for thirty days or more	A thorough inspection by a competent person	Keep a certification record of each monthly inspection that includes all of the following: <ol style="list-style-type: none"> 1. Date of the inspection 2. Signature of the person who performed the inspection 3. Number, or other identifier, of the wire rope which was inspected

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050. WSR 15-23-086, § 296-870-30020, filed 11/17/15, effective 12/18/15. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 47.17.060. WSR 06-19-075, § 296-870-30020, filed 9/19/06, effective 1/1/07.]