WAC 296-307-27005 Requirements that apply to aerial manlift equipment. (1) We will accept safety factor test data on working or structural components from one of the following as evidence that a manlift meets minimum safety requirements:

(a) The manufacturer;

(b) A competent testing laboratory;

(c) A registered engineering firm; or

(d) A registered engineer.

If, after use, it appears doubtful whether this equipment will meet the above requirements, we may require that tests be conducted, and we may order that you make corrections.

(2) All aerial manlifts must have working brake systems.

(3) Automatic apertures must be installed in the hydraulic systems of aerial manlifts to maintain the boom in position in case any part of the hydraulic pressure system fails.

(4) Controls must be guarded by partial enclosures to minimize accidental contact.

(5) The manufacturer's recommended maximum load limit must be posted conspicuously near the controls and must be kept in a legible condition.

(6) All critical hydraulic and pneumatic components must meet the provisions of ANSI A92.2-1969, Section 4.9 Bursting Safety Factor. Critical components are those which, in case of failure, would cause a free fall or free rotation of the boom. All noncritical components must have a bursting safety factor of at least two to one.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050 and 49.17.060. WSR 21-04-128, § 296-307-27005, filed 2/2/21, effective 3/8/21. WSR 97-09-013, recodified as § 296-307-27005, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. WSR 96-22-048, § 296-306A-27005, filed 10/31/96, effective 12/1/96.]