

WAC 296-46B-600 Special equipment—Electric signs and outline lighting.

001 Electrical signs - General.

(1) All electrical signs and outline lighting, regardless of voltage, must be listed or field evaluated by a testing laboratory accredited by the department to the applicable ANSI UL Standard. Installations will be inspected for compliance with installation instructions and the NEC.

(2) Luminaires in outdoor awnings must be suitable for wet locations and be connected by a wiring method suitable for wet locations.

(3) Fluorescent luminaires must be located at least 6 inches from the awning fabric. Incandescent lamps or luminaires must be located at least 18 inches from the awning fabric. A disconnecting means must be installed per Article 600 NEC.

(4) Listed awning signs must be installed in compliance with the manufacturer's instructions and the NEC.

(5) Retrofitting signs. When listed signs or listed outline lighting are retrofitted to an LED light source, a licensed (01) general electrical contractor or (04) sign contractor using properly certified individuals or properly supervised trainees may make the retrofit in place so long as all the retrofit components and retrofit kit are listed and installation instructions applicable to the sign for making the retrofit are available for the inspector's use at the time of the inspection and physical access is provided to allow the inspector access to all components of the retrofit kit.

004 Markings.

(6) In addition to the markings required by the NEC, retrofit signs and outline lighting shall be marked with a label, made of a background color contrasting to the listed product, in a location visible during servicing near the listed retrofit subassembly that states, "This equipment contains a retrofit subassembly that may present a risk of electrical hazard. Replace parts only with same type and rating." The label's font must be Arial size 16 bold. This label may be an identification plate as described in WAC 296-46B-100 or an adhesive label approved by the electrical inspector. This label is in addition to any labeling required by the manufacturer's instructions or the UL Standard used to manufacture the retrofit kit.

007 Grounding and bonding.

(7) Remote metal parts of a section sign or outline lighting system only supplied by a remote Class 2 power supply that is listed or is a recognized component in a listed section sign or outline lighting is not required to be bonded to an equipment grounding conductor.

010 Portable or mobile outdoor electrical signs.

(8) A GFCI receptacle outlet that is weatherproof with the supply cord connected must be installed within 6 feet of each portable or mobile electrical sign.

(9) Extension cords are not permitted to supply portable outdoor signs.

(10) All portable outdoor electrical signs must be listed by a qualified electrical testing laboratory accredited by the department.

030 Neon tubing.

(11) NEC 600, Part II, Field-Installed Skeleton Tubing, will apply to the installation of all neon tubing and neon circuit conductors.

(12) Field-installed skeleton tubing is not required to be listed. Installations will be inspected for compliance with installation instructions and the NEC.

[Statutory Authority: Chapter 19.28 RCW, RCW 19.28.031 and 19.28.251. WSR 19-15-117, § 296-46B-600, filed 7/23/19, effective 8/23/19. Statutory Authority: Chapter 19.28 RCW, RCW 19.28.010 and 19.28.031. WSR 17-12-021, § 296-46B-600, filed 5/30/17, effective 7/1/17. Statutory Authority: Chapter 19.28 RCW. WSR 14-11-075, § 296-46B-600, filed 5/20/14, effective 7/1/14; WSR 13-03-128, § 296-46B-600, filed 1/22/13, effective 3/1/13. Statutory Authority: RCW 19.28.006, 19.28.010, 19.28.031, 19.28.041, 19.28.061, 19.28.101, 19.28.131, 19.28.161, 19.28.171, 19.28.191, 19.28.201, 19.28.211, 19.28.241, 19.28.251, 19.28.281, 19.28.311, 19.28.321, 19.28.400, 19.28.420, 19.28.490, 19.28.551. WSR 08-24-048, § 296-46B-600, filed 11/25/08, effective 12/31/08. Statutory Authority: RCW 19.28.006, 19.28.010, 19.28.031, 19.28.041, 19.28.061, 19.28.101, 19.28.131, 19.28.161, 19.28.171, 19.28.191, 19.28.201, 19.28.211, 19.28.241, 19.28.251, 19.28.271, 19.28.311, 19.28.321, 19.28.400, 19.28.420, 19.28.490, 19.28.551, 2002 c 249, chapters 34.05 and 19.28 RCW. WSR 03-09-111, § 296-46B-600, filed 4/22/03, effective 5/23/03.]