

WAC 296-46B-110 General requirements for electrical installations.

003 Examination, identification, installation, use, and listing (product certification) of equipment.

(1) Listed electrical conduit can only be installed and used in accordance with its listing (i.e., as an electrical raceway for electrical conductors). If used as a sleeve for electrical conductors or other listed electrical conduits, the installation of a listed electrical conduit will be assumed to be for use as an electrical raceway and must be installed as allowed by chapter 19.28 RCW and this chapter (e.g., owner exemption, electrical contractor, etc.).

EXCEPTION: Electrical nonmetallic elbow fittings may be connected to piping other than electrical conduit for the purposes of enclosing mechanical piping systems provided the elbows are distinctively marked to indicate their use as nonelectrical fittings prior to installation. For underground installations outside of buildings, elbows used for purposes other than electrical must be substantially painted to match the color of piping to which they are connected.

011 Deteriorating agents.

(2) Electrical equipment and wiring that has been submerged or exposed to water must comply with the following:

(a) All breakers, fuses, controllers, receptacles, lighting switches/dimmers, electric heaters, and any sealed device/equipment (e.g., relays, contactors, etc.) must be replaced.

(b) All other electrical equipment (e.g., wiring, breaker panelboards, disconnect switches, switchgear, motor control centers, boiler controls, HVAC/R equipment, electric motors, transformers, appliances, water heaters, and similar appliances) must be replaced or reconditioned by the original manufacturer or by its approved representative.

022 Identification of disconnecting means.

(3) For the purposes of legibly marking a disconnecting means, as required in NEC 110.22, an identification plate is required unless the disconnect is a circuit breaker/fused switch installed within a panelboard and the circuit breaker/fused switch is identified by a panelboard schedule. In other than dwelling units, the identification plate must include the identification designation of the circuit source panelboard that supplies the disconnecting means.

030 Over 1,000 volts - General.

(4) Each cable operating at over 1,000 volts and installed on customer-owned systems must be legibly marked in a permanent manner at each termination point and at each point the cable is accessible. The required marking must use phase designation, operating voltage, and circuit number if applicable.

[Statutory Authority: Chapter 19.28 RCW, RCW 19.28.031 and 19.28.251. WSR 24-05-085, § 296-46B-110, filed 2/21/24, effective 4/1/24; WSR 20-11-053 and 20-14-083, § 296-46B-110, filed 5/19/20 and 6/30/20, effective 10/29/20. Statutory Authority: Chapter 19.28 RCW, RCW 19.28.010 and 19.28.031. WSR 17-12-021, § 296-46B-110, filed 5/30/17, effective 7/1/17. Statutory Authority: Chapter 19.28 RCW. WSR 14-11-075, § 296-46B-110, filed 5/20/14, effective 7/1/14; WSR 13-03-128, § 296-46B-110, 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-110, filed 11/25/08, effective 12/31/08; WSR 06-24-041, § 296-46B-110, filed 11/30/06, effective 12/31/06; WSR 06-05-028, § 296-46B-110, filed 2/7/06, effective 5/1/06; WSR 05-22-025, § 296-46B-110, filed 10/25/05, effective 11/25/05; WSR 05-10-024, §

296-46B-110, filed 4/26/05, effective 6/30/05. 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, 2003 c 399, 2003 c 211, 2003 c 78, and 2003 c 242. WSR 04-12-049, § 296-46B-110, filed 5/28/04, effective 6/30/04. 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-110, filed 4/22/03, effective 5/23/03.]