

**WAC 296-46B-334 Nonmetallic-sheathed cable.**

**010 Nonmetallic-sheathed cable.**

(1) The building classification, for subsections (2), (3), and (4) of this section, will be as determined by the building official. For the purposes of this section, Type III, IV-HT and V may be as defined in the International Building Code adopted in the state of Washington. The installer must provide the inspector documentation substantiating the type of building construction and finish material rating(s) prior to any electrical inspection.

(2) This section replaces NEC 334.10(2). In multifamily dwellings, Type NM, Type NMC, and Type NMS cable(s) may be used in structures of Types III, IV-HT, and V construction except as prohibited in NEC 334.12.

(3) This section replaces NEC 334.10(3). In all other structures, Type NM, Type NMC, and Type NMS cable(s) may be used in structures of Types III, IV-HT, and V construction except as prohibited in NEC 334.12. All cable(s) must be concealed within walls, floors, or ceilings that provide a thermal barrier of material that has at least a 15-minute finish rating as identified in listings of fire-rated assemblies.

(4) This section replaces NEC 334.10(4). Cable trays in structures of Types III, IV-HT, and V construction, where the cable(s) is identified for the use, except as prohibited in NEC 334.12.

**015 Exposed work.**

(5) Where Type NMC cable is installed in shallow chases in plaster, masonry, concrete, adobe or similar material, the cable must be protected against nails or screws by:

(a) A steel plate at least 1/16 inch thick and covered with plaster, adobe, or similar finish; or

(b) Being recessed in a chase at least 2 3/4 inches deep, as measured from the finished surface, and covered with plaster, adobe, or similar finish. The cable(s) must be at least 2 1/2 inches from the finished surface.

(6) The requirements for nonmetallic sheathed cable protection in NEC 334.15(C) do not apply in crawl spaces.

(7) Wet or damp locations prohibited in NEC 334.12(B)(4) do not include the interior of conduits installed outdoors used for physical protection of NM cables under the following conditions:

(a) Cables emerging from a building interior, attic, or crawl-space remain unbroken until terminated; and

(b) Flexible metal conduits are not used; and

(c) No conduit systems are longer than 10 feet or below grade; and

(d) Conduits are sealed to prevent air movement and are arranged to naturally drain.

[Statutory Authority: Chapter 19.28 RCW, RCW 19.28.031 and 19.28.251. WSR 24-05-085, § 296-46B-334, filed 2/21/24, effective 4/1/24; WSR 20-11-053 and 20-14-083, § 296-46B-334, 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-334, filed 5/30/17, effective 7/1/17. 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-334, filed 11/25/08, effective

12/31/08; WSR 05-10-024, § 296-46B-334, 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-334, 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-334, filed 4/22/03, effective 5/23/03.]