



**NATIONAL ARMORED CABLE
MANUFACTURERS ASSOCIATION**

PUBLICATION

**Checklist for Inspecting Type AC Cables
NEC Article 320**

REVISION – V 1.0, 8-07 by Phil Simmons

- Cable must be listed by UL or other recognized electrical testing laboratory.
- Cable is not permitted in damp or wet locations. 320.10(3) (See definition of “Location, Damp” and “Location, Wet” in NEC Article 100)
- Cable is not permitted where subject to physical damage that could cause failure of conductors. 320.12(1)
- Cable not permitted in air voids of masonry or tile walls that are subject to excessive moisture or dampness. 320.12(3)
- Cable not permitted where subject to corrosive fumes or vapors. 320.12(4)
- Cable not permitted embedded in plaster finish on brick or other masonry in wet or damp location. 320.12(5)
- Exposed runs of cable to closely follow the surface of the building finish or running boards. 320.15
- Exposed cable runs installed on the underside of joists are to be supported at each joist and not subject to physical damage that could cause failure of conductors. 320.15
- Cables to be protected per 300.4(A), (C) and (D) where installed through or parallel to framing members. 320.17
 - Nail plate required as bored hole is less than 1-¼ in. from edge of framing member. 300.4(A)(1)
 - Nail plate required where cable is installed in shallow notch in framing member. 300.4(A)(2)
 - Nail plate required as cable is installed parallel to framing member and is less than 1-¼ in. from edge of framing member. 300.4(D)
- Cables in accessible attics to comply with 320.23(A) or (B).
- Bending radius to be less than 5 times the diameter of the cable. 320.24
- Method of securing or supporting cable does not comply. 320.30(A)
- Cable not secured every 4-½ ft or within 12 in. of enclosure. 320.30(B) or (C)
- Unsupported cable does not comply. 320.30(D)
- Insulating bushing required where cable terminates. 320.40