

2018 CANADIAN ELECTRICAL CODE

SUBJECT: Section 76 - Temporary wiring

Rule 76-006 Service entrance equipment

Support for temporary construction service equipment

Inadequate support of service entrance equipment for temporary power on construction or demolition sites often results in equipment damage and failure and presents a potential safety hazard. To minimize the occurrence of an incident, modifications to the supporting structure should be done on de-energized equipment. The following guidelines are recommended for supporting temporary services.

1. Temporary services of 200A or less, not mounted on a building and intended for overhead connection, should be mounted on a pole, or solid wood post not less than 89mm by 140mm (4 in. x 6 in.).
2. Set the pole or post solidly into the earth to a depth of at least 1.2m (4 ft.). Brace as necessary to provide enough strength to support the supply service conductors and to support the potential for a person on a ladder making a power connection.
3. Maintain required clearances for overhead supply conductors in compliance with Rule 6-112 3).
4. Provide additional supporting structures for service equipment larger than 200A; self-supporting, weatherproof, skid-mounted units are also acceptable.
5. Mount service equipment intended for connection to an underground supply service on a solidly braced post, or structure.
6. Coordinate the installation of the consumer's service conductors and the supply service conductors in accordance with the requirements of the supply authority.

Issue of this STANDATA is authorized by
the Provincial Electrical Administrator

[Original Signed]

Clarence C. Cormier, P.Eng.



Alberta
Government