

### 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(2).
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. Install the consumer's service conductors and the supply service conductors in accordance with the requirements for underground services.