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# STANDATA bulletin 21-ECB-076

## Electrical

### 2021 Canadian Electrical Code, Part I, Section 76 – Temporary wiring

Date Issued: 1 February 2022

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#### Purpose

This clarifies select rules of Section 76 of the 2021 Canadian Electrical Code, Part 1.

#### Discussion

##### 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 200 amperes 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 89 millimetres by 140 millimetres.
2. Set the pole or post solidly into the earth to a depth of at least 1.2 metres. 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 200 amperes; 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.

Unless stated otherwise, all Code references in this STANDATA are to the Canadian Electrical Code, Part 1, 2021.

Issued by the Provincial Electrical Administrator

*[Original Signed]*

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6. Coordinate the installation of the consumer's service conductors and the supply service conductors in accordance with the requirements of the supply authority.

*Disclaimer:*

*The information in this bulletin is not intended to provide professional design advice. If professional expertise is required with respect to a specific issue or circumstance, the services of a professional should be sought.*