
BULLETIN 2000-048-EL

Revised September 4, 2015

**INFORMATION REQUIRED FOR AN ELECTRICAL PERMIT
WHEN A PORTABLE UNIT SUBSTATION IS USED**

This bulletin clarifies the requirements for plans, when a permit application for a special event includes a portable unit substation.

The following information must be provided with the electrical permit application for a special event that includes a portable unit substation utilized for the event's power supply:

1. Electrical Registered Professional's letter stating his responsibility for the installation.
2. Data regarding short circuit interrupting capacity on primary and secondary, step and touch voltage.
3. Details of system grounding (conductor size, ground rods, etc.).
4. Warning signs, physical separation of H.V. station fencing (grounding of the fence if it is metal).
5. Approval of electrical equipment (label by CSA, ETL/WH, or a certification organization accredited by the Standards Council of Canada).
6. A single-line diagram indicating the extent of field installation on the secondary side (what the supplied number of buildings, tents or other structures is, and service panels in these structures, transformers, grounding of each service, etc.).
7. Wiring methods (underground, or covered by acceptable means).

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