



The Corporation of **THE CITY OF NORTH VANCOUVER**

When Can A Home-Owner Obtain an Electrical Permit?

Inspection Division Information Handout #E3

ELECTRICAL WORK

- The Applicant must be the owner of the property where he or she is applying to do an electrical installation. For example, a son living in father's house, renters or tenants do not qualify for Home-Owner's electrical Permit.
- The owner must be living in or planning to live in the house in which he or she is going to do the wiring. The owner does not qualify if the property is currently rented and he or she plans to move in later. The owner may only subject himself and his immediate family to possible hazards.
- The property must be a freestanding single-family dwelling. The homeowner of an apartment, a townhouse, half a duplex or a house with a suite does not qualify. Buildings containing more than one family pose hazards to other people.
- Although someone may assist with the work, a home-owner cannot take out a permit for work that an electrician or other person is going to do.
- The home-owner must be deemed to be qualified to do the work by the Electrical Inspector. Please refer to the "ELECTRICAL SAFETY HOMEOWNER INFORMATION GUIDE" for further information.
- The work will involve only installations in which current and voltage of the installation do not exceed 200 amps and 150 volts respectively, to ground single phase.

WHAT IS REQUIRED TO OBTAIN A PERMIT

- It is recommended that the owner go to the British Columbia Safety Authority website and read the 'ELECTRICAL SAFETY HOMEOWNER INFORMATION GUIDE'.

<http://safetyauthority.ca/publications/electrical-safety-homeowner-guide>

A Circuit Schedule Form (a load calculation may be required) must be submitted.

- Electrical drawings may be required depending on the scope of work.
- A signed Electrical Permit Application form complete with the costs of the materials to be used.
- Pay applicable fees.

ELECTRICAL INSPECTIONS

When electrical Inspections are required

- An inspection must be made with six months from when the permit was issued.

Temporary Power Pole Service Inspection

- A temporary construction power pole is required to be inspected before B.C. Hydro can be given permission to connect and install a meter.

Electrical Service Inspection

- Prior to any new installations and alterations to the electrical service, the service pole location must be confirmed with B.C. Hydro. The installation must have provision for a direct connection from the lane.

Underground service Inspection

- Confirmation of the service pole location shall be obtained from B.C. Hydro prior to the installation of the conduits from the main electrical service.
- An underground cable/pipe inspection requires both B.C. Hydro and the Electrical Inspector's approval prior to backfilling.

Underground Wiring and Slab Inspection

- The installation of any wiring, raceways or cables in a trench or slab requires an inspection before it is covered.

Rough Wiring Inspection

- A rough wiring inspection is required after installation of the outlet boxes, the electrical panel, the raceway or cable, the branch circuit wiring, and the necessary splices have been completed. No insulation, drywall or other covering material may be installed until the wiring has been inspected and approved.

Temporary Main Service Inspection

- An inspection of the main service must be conducted in order to obtain a power connection from B.C. Hydro. B.C. Hydro will connect after the Inspector sends them a Current Permit Letter.

Final Electrical Inspection

- A final electrical inspection is required after all electrical panels, light fixtures, receptacles, switches (and their plates) and all appliances have been installed and connected.