

Electrical - Wiring Final Inspection

Request this inspection when work is completed and ready to be put into use.

Prepare

Learn about how to prepare for your [Residential](#) or [Commercial](#) inspection.

Check - All Electrical Work

The following are the most common items that are audited during this inspection. This list is not exhaustive. Compliance with all applicable codes and standards, including the current Canadian Electrical Code is required.

- All concealed wiring in walls is protected by drywall or other finishing material
- Permanent electrical service power for the building is turned on after service inspection
- All branch circuit wiring has been installed in the panel, terminated to the circuit breaker and energized
- Breaker and wiring are suitable for the voltage and ampere capacity of the equipment
- All electrical panel directories have been labeled or updated according to the installation
- All devices or equipment have been installed and operational
- All exposed raceways are installed or wirings are mechanically protected
- All equipment must be approved by CSA or another agency for use in Canada

Additional Checks - Hot Tub

- Hot tub manufacturer's owner manual is available for review
- Installation complies with the owner's manual
- Any overhead power line clearances comply with the Canadian Electrical Code

Additional Checks - Air Conditioner / Heat Pump

- Equipment is securely installed
- Line and load termination inside disconnect is as per manufacturer specifications
- Overcurrent protection is sized as per the equipment nameplate and does not exceed the maximum overcurrent rating

Additional Checks - Garage

- Underground installation in a trench between the house and detached garage has been completed
- Complete trenching and install approved PVC conduit or TECK cable at a minimum depth of 450 mm with wire approved for a wet location below the finished ground level

NOTE: A marking tape will need to be installed at a level where the trench is approximately half-backfilled to the finished ground level

- A minimum of 75mm of sand above and below the conduit or cable is installed.