

After the Flood Waters have Subsided



When restoring power to a flood damaged premise there are several conditions to be aware of and processes to comply with. **An electrical Contractor must make the electrical system safe to be reconnected. A permit must be submitted and a SaskPower Electrical Inspector must inspect before reconnection.** All work must meet the minimum requirements of the current Canadian Electrical Code. When electrical equipment is exposed to water, corrosion is enhanced rapidly. The equipment may look safe on the outside but it can be extremely dangerous to re-use.

1. Circuits and equipment that were subjected to the flood must be disconnected and isolated before power can be restored.
2. If the service (panel box etc) has been exposed to water it must be replaced or completely disassembled and cleaned. All the breakers must be replaced and the damaged breakers must be destroyed. When service equipment is replaced the entire service must be brought up to current Canadian Electrical Code standards.
3. All meters sockets must be securely mounted.
4. Grounding must be checked and if repairs are required, they must meet the minimum requirements of the current Canadian Electrical Code. Ground clamps should be cleaned or replaced.
5. All submerged conductors, cables, equipment, receptacles, switches etc must be replaced and the damaged material destroyed.
6. Conduit systems that have been flooded shall be cleaned as good as possible, and a bond wire will have to be installed with the new conductors.
7. Furnaces and water heaters must be checked over by a qualified Gas Contractor.

If your premise has had the power turned off as a safety precaution, and has not been flooded, a SaskPower Electrical Inspector can verify that it is safe to be re-energised and have the power restored without an electrical contractor or permit.