

**TOWN OF OGDEN**  
**Electrical Requirements for**  
**Hot Tubs & Spas**

**1. Hot Tub/Spa Wiring Method and Receptacles (Outlets)**

- a) Maintenance Disconnect-A disconnect is required for all ungrounded electrical wires (except for lighting). It must be at least 5' but not more than 50' from the water's edge, readily accessible, & within sight of the Hot Tub/Spa.
- b) The outlet(s) that supply a Hot Tub/Spa must be Ground-Fault Circuit Interrupter (GFCI) protected.
- c) Indoor Hot Tubs & Spas:  
At least one (1) convenience receptacle must be located between 6' & 10' from the inside wall of the Hot Tub/Spa and be GFCI protected (Existing receptacle OK & wired with any approved wiring method).
- d) Outdoor Hot Tubs & Spas
  - (1) At least one convenience receptacle must be located between 6' & 20' from the inside wall of the Hot Tub/Spa and be GFCI protected (Existing receptacle OK and wired with any approved wiring method).
  - (2) Liquid tight flexible metal or non-metallic conduit is permitted conduit is permitted in lengths of not more than 6'.
  - (3) A listed packaged hot tub/spa installed outdoors that is GFCI protected shall be permitted to be cord and plug connected provided that such cord does not exceed 15' in length.
  - (4) Outdoor receptacles must have a weatherproof cover where exposed to weather (In-use type cover required on used, unattended, receptacles in wet locations).

**2) Bonding the Hot Tub/Spa**

- a) All metal parts & surfaces within 5' of the Hot Tub/Spa must be bonded together using a #8 (or larger) solid copper wire and connections must be non-corrosive.
- b) Outdoor Hot Tubs/Spas with non-conductive shells must have #8 (or larger) solid, bare copper wire 18"-24" from the inside hot tub wall under the perimeter surface 4"-6" below the final grade & connected to a metal part of the pump motor.

**3) Lighting (other than underwater applications) (if any)**

- a) All non-GFCI protected lights and ceiling fans within 5' of the inside wall of the Hot Tub/spa must be at least 12' above the maximum water level of the Hot Tub/Spa.
- b) All GFCI protected lights and ceiling fans within 5' of the inside wall of the Hot Tub/Spa must be at least 7 ½' above the maximum water level of the Hot Tub/Spa.
- c) Exception-Lights that are within 5' of the inside wall of the Hot Tub/Spa & less than 7 ½' above the water level are only acceptable if they meet the following:
  - (1) Recessed Lights-GFCI protected with a glass or plastic lens, non-metallic or electrically isolated metal trim, & suitable for damp locations.
  - (2) Surface-Mounted Lights-GFCI protected with a glass or plastic globe, a non-metallic body, or a metallic body isolated from contact, & suitable for damp locations.

**4) Other**

- a) Building Permits are required prior to beginning work.
- b) Indoor Hot Tubs/Spas wall switches must be a minimum 5' from inside wall of the Hot Tub/Spa.
- c) Out door Hot Tubs check for overhead wires within 10' of the Hot Tub. (Must be 22 ½' above water level).
- d) All Hot Tubs/spas, other than in a single family residence, must have an emergency shutoff between 5' & 50' & within sight.

**All Hot Tub/Spa applications must:**

- **Be submitted and approved by the Building Department prior to installation.**
- **Meet New York State Electrical Code and Barrier/Fencing Requirements.**
- **Building permit applications are available at [www.ogdenny.com](http://www.ogdenny.com) or in the Building Dept., 269 Ogden Center Rd., Spencerport, NY 14559, 585-617-6195**