

## Hot Tub

Delaware County Code Compliance enforces the 2019 Residential Code of Ohio. Please see section 105 of the 2019 Residential Code of Ohio provided below as you prepare to do work on residential properties.

Please be advised that replacement of any electrical, gas, mechanical, plumbing system, other residential building service equipment, or piping system, the installation of which is regulated by this code, or to cause any such work to be done, shall first make application to the building official and obtain the required approval. This includes furnace and hot water tank replacement.

### Code                      **2019 Residential Code of Ohio**

**SECTION 105 – APPROVALS - 105.1 Required.** Any owner or authorized agent who intends to construct, enlarge, alter, repair, move or change the occupancy of a residential building or structure, or portion thereof, or to erect, install, enlarge, alter, repair, remove, convert or replace any electrical, gas, mechanical, plumbing system, other residential building service equipment, or piping system, the installation of which is regulated by this code, or to cause any such work to be done, shall first make application to the building official and obtain the required approval.

### Code                      **2017 National Electric Code**

**Note:** All hot tub installations require equipotential bonding grids to be installed per article 680.26 of the 2017 NEC, unless they meet the requirements of NFPA T1A, 11-1. If hot tub is being installed on an existing concrete or other conductive surface a bonding grid meeting the requirements of article 680.26 shall be installed. Listed below are 4 methods approved by Delaware County Code Compliance:

- 1) Cut concrete or other conductive surface and install approved bonding grid
- 2) Install 36” horizontal bonding grid around perimeter, then over lay with pavers, etc
- 3) Install 36” horizontal wood deck around perimeter of hot tub (not blocking equipment access)
- 4) Install 36” solid rubber mats around hot tub perimeter

### Application      Application for Hot Tub Permit

Plan Review      An application for a hot tub permit does require a plan review. The submittal shall provide the following information: 1) a plot plan indicating the location of the unit 2) the location of the electrical disconnect 3) the hot tub specifications 4) the hot tub installation manual. All submittals require TWO complete packets; 1 paper copy each stapled together and all plan options clearly marked, 1 electronic set in PDF format on a USB drive. All required items MUST be submitted at the time of application. Packets that are missing required documentation WILL NOT be accepted by Delaware County Building Safety.

### Permit                  Electric Permit

Fee: \$25 (Application Fee) + \$35 (Plan Review) + \$75 (Electric) + 1% State of Ohio Fee = \$136.35

This fee covers one trip. A partial inspection fee \* will be applied if multiple trips are involved; (this does not include reinspections). The fee does not include an electrical sub panel installed in conjunction with the hot tub. If an electric sub panel is needed, such installation shall be indicated on the application. An additional fee of \$75 + 1% State of Ohio Fee will be assessed for a sub panel.

\* **Partial inspection fee: \$75.00 + 1% State of Ohio fee.**

