

Mecklenburg County Public Health Spa Operating Permit Checklist

**** If any items on this list are incorrect, do not issue a permit. ****

ALL items must be correct in order to issue the operating permit. This list does not include 4-point demerit items for fencing or 2-point demerit items that may be points taken but no permit action.

Water Quality

- Disinfectant* – Chlorine must be at least 1.0 ppm. Bromine must be at least 2.0 ppm.
 - Operator cannot correct by adding granular chlorine directly to the pool. Must be corrected through the chlorinator.*
- pH* – Maintained within 7.2 to 7.8.
- Cyanuric Acid* – Maintained below 100 ppm.
- Water Clarity* – Pool floor and main drains must be clearly visible.
 - Can you see the screws in the main drains?*
- Temperature* (heated) – Maximum temperature = 104°.
- Record Books* – A log book must be present. Operator may or may not have records depending on how long the spa has been open.
 - Chlorine, pH, Drain/Equalizer checks, and temperature (if applicable) shall be daily.*
 - Cyanuric Acid and Total Alkalinity shall be weekly. Record adjustments, closures and general maintenance performed.*
- Test Kit* – Provided with test reagents that are not expired. Shall be able to test for chlorine, pH, cyanuric acid and total alkalinity.

Drain Covers – Main Drains and Skimmer Equalizer Lines

- Pool Drain Safety Compliance (PDSC) Form* – Submitted with accurate information and approved. See field book or spreadsheet to verify approval.
- Suction Outlets* – All expired covers have been replaced with approved covers and information updated. See spreadsheet to verify.
 - No recalled covers.*
 - All drain and equalizer line covers must be in place, secure and in good repair.*
 - No protrusions greater than 2” from pool wall.*
 - No Paramount or Hayward covers on the pool wall for equalizers. Sumpless covers only or approved with sump dimensions given.*
 - If skimmers are plugged, must be either plugged or plastered on the wall and also in the equalizer line inside the skimmer under the basket*

Pool Maintenance

- Certified Pool Operator* – Daily visits and record keeping.
- Suction Vacuum Release System (SVRS)* – For single main drains or drains less than 3 ft. apart measured on center.
 - Will be located either on the wall or on the main drain line in the pump room. See SVRS guide provided.*
 - If required, must be in good working order and indicated on PDSC form.*
- Vacuum Fittings* – Vacuum ports must have a secured cap or self-closing, self-latching cap.

Pool Maintenance (cont.)

- *Skimmers* –
 - All weirs in place and covers/baskets in good repair.
 - Skimmer lids in good repair with no cracks or damage.
- *Pool Floors and Walls* – Must be clean and in good repair. Will chipped plaster cut?
 - Plaster shall not be dark as stated in Rule .2514.
- *Inlets and Fittings* – Must be in good repair and in place. Floor inlets must have at least ½ of screws in place. A minimum of 2 required.
- *Contrasting Color Bands* – Must be in good repair; 2” wide contrasting color band to edge of step or 2”x 2” tile no greater than 1” from step edge and pool wall. See Rule .2521. Required on step treads, seats and benches.
- *Spa Timer* – Jets must turn off within 15 minutes of activation.

Premises and Safety

- *Signage* – Where water temperature exceeds 90°.
 - Must be in good repair and visible upon entrance to the pool.
 - Lettering must be a minimum of ½” and EXACT.

“CAUTION:

 - Pregnant women; elderly persons, and persons suffering from heart disease, diabetes, or high or low blood pressure should not enter the spa/hot tub without prior medical consultation and permission from their doctor;
 - Do not use the spa/hot tub while under the influence of alcohol, tranquilizers, or other drugs that cause drowsiness or that raise or lower blood pressure;
 - Do not use alone;
 - Unsupervised use by children is prohibited;
 - Enter and exit slowly;
 - Observe reasonable time limits (that is, 10-15 minutes), then leave the water and cool down before returning for another brief stay;
 - Long exposure may result in nausea, dizziness, or fainting;
 - Keep all breakable objects out of the area.”

**Assure that all lettering including lowercase letters meet size requirements.

 - Signage posted to require a shower for each user prior to entering the spa and prohibiting oils, body lotion and minerals in the water.
- *Emergency Phone* – Provide a designated line. Must connect to 911.
 - 911 must have the correct location information and phone number for the pool. Verify in field book that address is correct.
 - A sign with dialing instructions and pool information detailing the pool address and phone number must be posted at the pool phone.
 - Kings III phones – connect to 911 and verify with 911.
- *Decks* – Maintain 4 ft. clearance at least half way around spa; no trip hazards present (> ½” protrusions or offsets).
 - Decks must be slip-resistant.
 - Over the rim fill spouts – no greater than 6” from ladder handrails.

Premises and Safety (cont.)

- Lighting* – Inspector will verify lighting if pool is applying for Night Swimming
 - Pools that operate at night must have operating lights inside the pool so that main drains and all areas inside the pool are clearly illuminated.
 - Sufficient lighting on pool deck at night to assure all parts of the pool, the water, the depth markers, signs, entrances, restrooms, safety equipment and the required deck area and walkways are illuminated.
 - Underwater light niches shall be maintained or covered so not to present a health hazard - > ½” openings.

Barrier – Fence and Gate Requirements –

- See Swimming Pool Permit Checklist

Equipment Room

- Chemical Feeders* – NSF approved and in good working order.
 - Liquid feeder shall be verified during inspection. Chlorinator and/or acid feeder shall detect flow of water and turn off when no water flowing through the pump.
 - If salt water pool – shall have a back-up chlorinator.
- Pump* – Operational and matches what is on PDSC form.
 - Extra basket for pump provided.
- Filter* –
 - No large leaks. Equipment functioning properly.
 - Pressure gauge operating properly and shows pressure reading.
 - Cartridge filters shall have additional cartridge available.
- Flow Meter* – Must be operating properly and located on the return line.

Imminent Hazards

- No exposed chlorine or chemicals in skimmers.
- No electrical hazards on or near deck.
- No broken glass.