

# 2018 NEW CASTLE COUNTY SWIMMING POOL CHECKLIST

(2018 ISPSC)(2018 IRC)(NCC Chapter 6)(DE E&S Handbook)(UDC)(2012 IECC)

Rev 1/17/19

**Pass**  **Corr**  **N/A**

- 1. GENERAL**
- Permit displayed at worksite Ch 6 6.03.012(Q)
  - Access provided to all areas to be inspected Ch 6 6.03.018(A, D)
  - NCC approved, stamped building and L & G plans available at site Ch 6 6.03.013(B3a)
  - Verify all required permits issued Ch 6 6.03.012(A)
- 2. POOL / HOT TUB INSTALLATION**
- Verify pool and grading is in correct location per L & G plan Ch 6 6.03.013(2, B3a)
  - Verify final electric inspection completed Ch 6 6.03.018(C), DE Title 24, Ch 14, Sec 12
  - Verify steel bonding requirements via final electric sticker or certificate Ch 6 6.03.018(C)
  - Gas inspection (including pipe & tracer wire) completed Ch 6 6.03.018(C) IFGC 406.1
  - Safety glazing installed in all walls and fences within 60" of the water's edge to a height of 60" above any walking surface IRC 308.4.5
- 3. POOL FENCE INSPECTION** (Not required with ASTM F1346 Powered Safety Cover) Ch 6 SP305.5, ISPSC 305, 701.2, 801.2
- Barrier separates pool from dwelling unit direct access
  - Barrier is 48" above finished grade, max vertical clearance between barrier and ground does not exceed 2" to grade or 4" to solid surfaces or between pool frame & barrier when barrier is mounted to pool structure
  - Openings don't allow passage of a 4" diameter sphere; solid barriers shall not contain indentations or protrusions
  - Where barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45", the horizontal members shall be located on the pool side of the fence. Spacing between vertical members shall not exceed 1 3/4" in width
  - Maximum opening formed in a chain link fence is 1 3/4", all other mesh fences shall comply with [ISPSC 305.2.4](#)
  - The removable ladder on an above-ground pool is surrounded by an approved barrier
  - A 36" "Clear Zone" must be maintained between the pool barrier and climbable permanent structures or pool equipment
- 4. POOL GATE INSPECTION** ISPSC 305.3, 701.2, 801.2
- Meets above-listed fence requirements, opens away from the pool, self-closing and latching
  - Release mechanism is located at least 54" above finished grade when located on the side of the gate away from the pool or is located on the pool side at least 3" below the top of the barrier and has no opening greater than 1/2" within 18" of the release mechanism, double gates must have one leaf secured in place
  - Utility/service gates are not required to meet the swing or self-closing requirements and must remain locked
- 5. ENERGY CODE REQUIREMENTS** IECC 403.9
- All pool heaters shall be equipped with an accessible on/off switch; fuel gas heaters shall not have continuously burning pilot lights
  - Automatic time switches shall be installed unless public health standards require 24 hour pump operation and where required to operate solar-and-waste-heat-recovery heating systems
  - Heated pools shall be equipped with a vapor-retardant pool cover on or at the water surface, pools heated to more than 90° shall have a pool cover with an R-12 value (not applicable when over 60% of energy used for heat is derived from solar energy source)
- 6. PUBLIC POOLS** ISPSC Ch 3 ISPSC Ch 4
- DPH approval
  - Fence is 48" tall, openings less than 4", with self-closing & self-latching gates

Inspector: \_\_\_\_\_ Permit Number: \_\_\_\_\_

Date: \_\_\_\_\_ Inspection Results: Pass  Partial  Corrections Required