

2006 NEW CASTLE COUNTY SWIMMING POOL CHECKLIST

(2006 IBC)(2009 IFGC)(2007 Supplement)(NCC Chapter 6)(DE E&S Handbook)(UDC)(2009 IECC)

Rev 3/5/13

- | <u>Pass</u> | <u>Corr</u> | <u>N/A</u> | | |
|-------------|--------------------------|--------------------------|--------------------------|---|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | GENERAL |
| | | | <input type="checkbox"/> | Permit displayed at worksite Ch 6 6.03.012(Q) |
| | | | <input type="checkbox"/> | Access provided to all areas to be inspected Ch 6 6.03.018(A, D) |
| | | | <input type="checkbox"/> | NCC approved, stamped building and L & G plans available at site Ch 6 6.03.013 |
| | | | <input type="checkbox"/> | Verify all required permits issued Ch 6 6.03.012(A) |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | POOL INSTALLATION |
| | | | <input type="checkbox"/> | Verify pool and grading is in correct location per L & G plan Ch 6 6.03.013(B5, B5b), Ch 6 B 3109.1.2 |
| | | | <input type="checkbox"/> | Verify final electric inspection completed Ch 6 6.03.018(C), DE Title 24, Ch 14, Sec 12 |
| | | | <input type="checkbox"/> | Verify steel bonding requirements via final electric sticker or certificate Ch 6 6.03.018(C) |
| | | | <input type="checkbox"/> | Gas inspection (including pipe & tracer wire) completed Ch 6 6.03.018(C) IFGC 406.1 |
| | | | <input type="checkbox"/> | 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 |
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | POOL FENCE INSPECTION IBC 3109.4.1, Ch 6 B3109.4.1.8, Ch 6 B3109.4.1.9 |
| | | | <input type="checkbox"/> | Barrier separates pool from dwelling unit direct access |
| | | | <input type="checkbox"/> | Top of barrier min. 48" above finished grade, max vertical clearance between barrier and ground does not exceed 2" or 4" between pool frame & barrier when barrier is mounted to pool structure |
| | | | <input type="checkbox"/> | Openings don't allow passage of a 4" diameter sphere; solid barriers shall not contain indentations or protrusions |
| | | | <input type="checkbox"/> | 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 |
| | | | <input type="checkbox"/> | Maximum mesh size for chain link fence is 2 1/4", unless slats at top or bottom which reduce opening to 1 3/4" |
| | | | <input type="checkbox"/> | The removable ladder on an above-ground pool is surrounded by an approved barrier |
| | | | <input type="checkbox"/> | Barriers located to prohibit use of permanent structures, equipment or similar objects from being used to climb it |
| 4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | POOL GATE INSPECTION IBC 3109.4.1.7 |
| | | | <input type="checkbox"/> | Meets above-listed fence requirements, opens away from the pool, self-closing and latching |
| | | | <input type="checkbox"/> | 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 |
| | | | <input type="checkbox"/> | Large maintenance gates are not required to meet the swing or self-closing requirements |
| 5. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ENTRAPMENT AVOIDANCE (when pool drains are installed) IBC 3109.5 |
| | | | <input type="checkbox"/> | Suction outlets other than skimmers shall be covered by an approved cover or grate conforming to ASME/ANSI A112.19.8 and include the flow rating |
| | | | <input type="checkbox"/> | When dual outlets are used, a min of three feet must separate them or they must be installed on different planes |
| | | | <input type="checkbox"/> | Pool cleaner fittings installed between 6" & 18" below the minimum water level |
| 6. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ENERGY CODE REQUIREMENTS IECC 403.9 |
| | | | <input type="checkbox"/> | All pool heaters shall be equipped with an accessible on/off switch; fuel gas heaters shall not have continuously burning pilot lights |
| | | | <input type="checkbox"/> | 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 |
| | | | <input type="checkbox"/> | 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) |
| 7. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | PUBLIC POOLS Ch 6 6.03.012(I)(4), IBC 3109.3, 3109.7 |
| | | | <input type="checkbox"/> | DPH approval |
| | | | <input type="checkbox"/> | Fence is 48" tall, openings less than 4", with self-closing & self-latching gates |

Comments:

Inspector: _____ Permit Number: _____

Date: _____ Inspection Results: Pass Partial Corrections Required