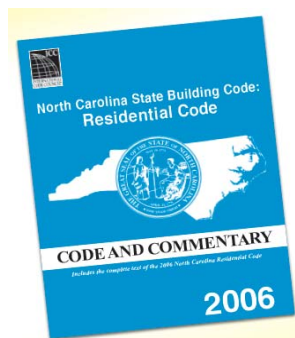


**Residential Code references  
Appendix G**

**SECTION AG108  
STANDARDS  
AG108.1 General.  
ANSI/NSPI**

- ANSI/NSPI-3-99 Standard for Permanently Installed Residential Spas . . . . . AG104.1
- ANSI/NSPI-4-99 Standard for Above-ground/On-ground Residential Swimming Pools . . . . . AG103.2
- ANSI/NSPI-5-99 Standard for Residential In-ground Swimming Pools. . . . . AG103.1
- ANSI/NSPI-6-99 Standard for Residential Portable Spas . . . . . AG104.2
- ANSI/ASME A112.19.8M-1987 Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs and Whirl pool Bathing Appliances . . . . . AG106.2
- ASTM**  
ASTM F 1346-91 (1996) Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs . . . . . AG105.2, AG105.5
- ASME**  
ASME A112.19.17 Manufacturers Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub and Wading Pool. . . . . AG106.3



**Contact information:**

Mecklenburg County Health Department  
700 North Tryon Street, Suite 208  
Charlotte, North Carolina 28208-2236  
Phone (704) 336-5101 Fax (704) 336-5306  
[www.meckhealth.org](http://www.meckhealth.org)

Health Department Pool ordinance including checklist is available on line



Mecklenburg County Code Enforcement  
700 North Tryon Street  
Charlotte, North Carolina 28208-2236  
Phone (704) 336-3803  
[www.meckpermit.com](http://www.meckpermit.com)



Residential Technical Answer Center  
Code Questions- (704) 432-7822



**Residential Pools,  
Spas & Hot tubs**

Mecklenburg County  
Code Enforcement & Health Department  
Requirements



## SWIMMING POOLS, SPAS, HOT TUBS

AND...

### The 2006 North Carolina Residential Building Code

#### The Residential Swimming Pool Program

The Mecklenburg County Health Ordinance Governing Residential Swimming Pools was enacted to protect the health and safety of citizens residing near residential swimming pools in 1999. With the new edition of the 2006 NC Residential Building Code effective January 1, 2008 swimming pools are now also covered by this state wide building code. A swimming pool in Mecklenburg County shall comply with **both ordinance and code.**

#### To Install a Pool In Your Yard...

You must first fill out an application with the Mecklenburg County Health Department (MCHD). Call for more information, 704-336-5101.

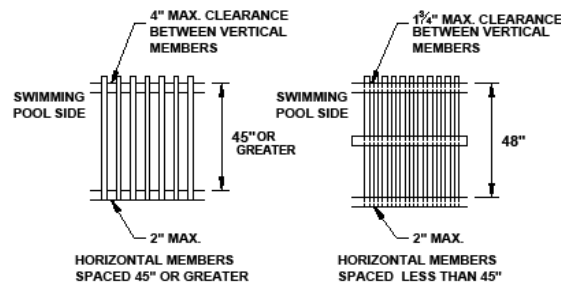
After receiving approval to construct your swimming pool from the MCHD, you must obtain a Building Permit prior to beginning construction. This will include an electrical permit if there is any power to the pool, including a made up wire and plug. A plumbing permit may also be required. Permit holder will be responsible for inspections and compliance with the Health Department ordinance and the State Residential Code. Call the residential permitting desk at 704-336-3803. Or stop in at Mecklenburg County Code Enforcement at 700 North Tryon St. Charlotte, NC.

#### What Is Considered A Pool/Hot Tub/Spa?

A residential swimming pool means an artificial structure, basin, chamber or tank containing a body of water for the primary purpose of swimming, diving, recreational, or therapeutic bathing. As used in the Health Ordinance, the term is limited to pools which are fitted with a filter for clarifying pool water, or which are designed to be fitted with a filter, whether installed or not, **or** per NC Residential Code, any pool more than **24 inches deep (610mm)**. The NCRC also includes facilities located inside a residence, storable pools designed for seasonal setup and use which are stored at the end of the swimming season, or all spas and hot tubs.

#### Fence Requirements

The state building code (**AG105**) requires a fence around the pool which shall be at least **48 inches** above grade on the outside of the fence. The maximum clearance below the fence to grade is **2 inches**. Other clearance requirements do apply. Also, if the dwelling serves as part of the fence with doors accessing the pool, other conditions for safety must be met. Call RTAC for details, 704-432-7822.



Access gates to the pool shall be equipped with a self-closing device and a latch. The gate shall open away from the pool and the latch must be on the inside of the gate, **54 inches** above the bottom of the gate **or** **3 inches** below the top of the gate.



#### Entrapment Protection For Swimming Pools

Suction outlets in pools and spas shall be designed to protect against user entrapment. All water circulation equipment must comply with Section **AG 106**, NC Residential Code. This would include single outlet systems, such as automatic vacuum cleaner systems, or other such multiple suction outlets whether isolated by valves or otherwise, shall be protected against user entrapment.



#### Other Considerations

At the end of the swimming season all pools must be treated or maintained so as to prevent the development of unsanitary conditions. Any wastewater from the swimming pool shall be discharged into a sanitary sewer or by an alternative method which does not create a public nuisance/hazard and is approved by the Health Department. This is not the same as a storm drain which is normally located at the curb in the street. There shall be no direct physical connection between the sanitary sewer system and any drain from the swimming pool or circulation system.

