



City of McLendon – Chisholm Swimming Pool Guidelines

The following is a permit and inspection procedure guideline for swimming pool construction in the City of McLendon-Chisholm, Texas

I. PERMIT APPLICATION

(1). Completed permit application -

___ Contractor information must be completed and the electrical contractor registered with the city.

(2). Two (2) sets of pool plans that include the following -

___ A scaled site plan (survey plat) that shows the location of the pool and the location of the OSSF spray head area or septic system tank and field lines. The site plan must also show the location of the fence and house.

___ Pool plan that includes the pump and heater specifications, filter type and discharge design, pool profile, turnover rate and other pool design items.

II. PLAN REVIEW / FIELD INSPECTION NOTES

(1). A four (4') foot temporary fence must be in place until the permanent fence is installed.

(2). A four (4') foot permanent fence must be in place prior to the filling of the pool - the 2003 IRC contains the barrier (fence/door) requirements.

Note - door openings from the house to the pool must also have protection.

(3). The common bonding grid installation can be completed at either the stage one or stage two inspection.

III. INSPECTION REQUEST & TYPE OF INSPECTIONS

Inspection Requests – Bureau Veritas is the third party inspection company for the City of McLendon-Chisholm. For your convenience, we have established an inspection request telephone number (877 335 8111) and fax number (877 335 8110). When requesting a permitted inspection, please leave your name, telephone number, type of inspection and location of inspection, plus any other inspection related information. If you have a code or procedure question, you may contact the City Hall at 972 524 2077 or Rick Herzberger at 214 882 0497. The attached fax request form may be copied and used for the inspection requests.

Type of Inspections –

___ Stage One - Belly Steel / Bonding / Temporary Fence

___ Stage Two - Deck Steel / Bonding / Pre-Plaster / Permanent Fence

The permanent fence and house barrier alarm must be in place for this inspection.

___ Stage Three - Pool Final / Permanent Fence & Barriers re-check if needed.

The pool must not be used by the owners until this inspection has been approved.

POOL BARRIER REQUIREMENTS FOR RESIDENTIAL POOL

International Residential Code 2003 Appendix G, Section AG105-2- AG105.5

AG105.2 Outdoor swimming pool. An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, hot tub or spa shall be provided with a barrier, which shall comply with the following:

1. The top of the barrier shall be at least 48 inches (1219mm) above grade measured on the side of the barrier, which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches (51mm) measured on the side of the barrier, which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an aboveground pool, the barrier may be at ground level, such as the pool structure, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102mm).
2. Openings in the barrier shall not allow passage of a 4-inch-diameter (102mm) sphere.
3. Solid barriers which do not have openings, such as masonry or stonewall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
4. When the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143mm), the horizontal members shall be located on the swimming pool side of the fence, or shall be so constructed as to not provide a climbable surface. Spacing between vertical members shall not exceed 1.75 inches (44mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a 2.25-inch (57 mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1.75 inches (44 mm).
7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 1.75 inches (44 mm).
8. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 7, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate, the release mechanism and openings shall comply with the following:
 - 8.1. The release mechanism shall be located on the pool side of the gate at least 6 inches (152 mm) below the top of the gate, and
 - 8.2. The gate and barrier shall have not opening greater than 0.5 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.
9. Where a wall of a dwelling serves a part of the barrier one of the following conditions shall be met:
 - 9.1. The pool shall be equipped with a powered safety cover in compliance with ASTM F1346; or
 - 9.2. All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen, if present, are opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and be capable of being heard throughout the house during normal household activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touchpad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. The deactivation switch (es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or
 - 9.3. Other means of protection, such as self-closing doors with self-latching devices, which are approved by the governing body, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described above.
10. Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then:
 - 10.1. The ladder or steps shall be capable of being secured, locked or removed to prevent access, or
 - 10.2. The ladder or steps shall be surrounded by a barrier which meets the requirements of Section AG105.2, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere.

AG105.3 Indoor swimming pool. All walls surrounding an indoor swimming pool shall comply with Section AG105.2, Item 9.

AG105.4 Prohibited locations. Barrier shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

AG105.5 Barrier exceptions. Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in Section AG107, shall be exempt from the provisions of this appendix.



Residential Inspection Request

Fax Request to: 817-335-8110/972-980-8400/877-837-8859

For Questions: 817-335-8111/972-980-8401/877-837-8775



REQUESTS MUST BE RECEIVED BY 5:00 P.M. FOR NEXT DAY INSPECTION

Please be sure all subcontractors have obtained their permits prior to scheduling an inspection.

Today's Date _____

Requestor's Phone _____

Company _____

Requestor's Fax _____

Requestor's Name _____

City of Project(s) _____

Address _____ Subdivision _____

Permit # _____ Date Needed _____

- | | | |
|----------------------------------|---------------------------------|-----------------------------|
| _____ T-Pole | _____ Framing | _____ Construction Electric |
| _____ Yard Sewer | _____ Plumbing Top-Out | _____ Gas Final |
| _____ Water Service | _____ Rough Gas Test | _____ Fireplace Final |
| _____ Plumbing Rough | _____ Mechanical Rough | _____ Plumbing Final |
| _____ Gas Wrap (Underground Gas) | _____ Electrical Rough | _____ Electrical Final |
| _____ Form Board Survey | _____ Fireplace (metal/masonry) | _____ Mechanical Final |
| _____ Underground Electrical | _____ Energy Insulation | _____ Energy Final |
| _____ Underground Mechanical | | _____ Building Final |
| _____ Piers | | |
| _____ Foundation | _____ All Seconds | _____ All Finals |

Comments _____

Address _____ Subdivision _____

Permit # _____ Date Needed _____

- | | | |
|----------------------------------|---------------------------------|-----------------------------|
| _____ T-Pole | _____ Framing | _____ Construction Electric |
| _____ Yard Sewer | _____ Plumbing Top-Out | _____ Gas Final |
| _____ Water Service | _____ Rough Gas Test | _____ Fireplace Final |
| _____ Plumbing Rough | _____ Mechanical Rough | _____ Plumbing Final |
| _____ Gas Wrap (Underground Gas) | _____ Electrical Rough | _____ Electrical Final |
| _____ Form Board Survey | _____ Fireplace (metal/masonry) | _____ Mechanical Final |
| _____ Underground Electrical | _____ Energy Insulation | _____ Energy Final |
| _____ Underground Mechanical | | _____ Building Final |
| _____ Piers | | |
| _____ Foundation | _____ All Seconds | _____ All Finals |

Comments _____