



**BUILDING INSPECTIONS**  
**100 E WASHINGTON**  
**KEARNEY, MO 64060**  
**PHONE: 816-903-4736**  
**FAX: 816-903-4747**

**City of Kearney, Missouri**  
**POOL PERMIT**

**Permit #** \_\_\_\_\_

Date of Application \_\_\_ / \_\_\_ / \_\_\_\_\_

**PROPERTY INFORMATION**

Street Address	Subdivision or Development Name	Tract or Lot Number
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**OWNER INFORMATION**

First Name	Last Name or Business Name	Phone#	Fax#
Street Address	City	State	Zip

**CONTRACTOR INFORMATION**

Business Name & Contact Person	Kearney Occupation License Number	Phone#	Fax#
Street Address	City	State	Zip

Valuation of the Proposed Work: \$	Number of Gallons:
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**OTHER REQUIRED INFORMATION**

Please attach pool plans and a plot plan or site plan showing the following information: Pool Size and Type (above or below ground); Pool Depth; Pool Size in Gallons; Type of Barrier around Pool; Property Dimensions; Location of House and Pool; Height of Pool Sidewall; Location of Pool showing distances to property lines.

**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the code official or the code official's authorized representative shall have the authority to enter areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit.

\_\_\_\_\_  
SIGNATURE OF APPLICANT

**PERMIT OFFICE WILL COMPLETE FORM BELOW THIS LINE**

<b>FEES PAID</b>  <b>PERMIT FEE:</b> _____  <b>DATE PAID:</b> _____	PERMISSION IS HEREBY GRANTED TO PERFORM THE WORK INCLUDED IN THIS APPLICATION. THIS PERMIT SHALL NOT BE CONSTRUED TO PERMIT ANY VIOLATION OF APPLICABLE LAWS, REGULATIONS, ORDINANCES, OR CODES. THIS PERMIT EXPIRES IN 180 DAYS FROM THE DATE BELOW.		
	<b>BUILDING INSPECTOR:</b> _____		<b>DATE:</b> _____
	<b>PERMIT NUMBER</b>	<b>DATE</b>	<b>PERMIT FEE</b>



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## City of Kearney, Missouri POOL PERMIT CHECKLIST

Permit # \_\_\_\_\_

Installation of pools and barrier must comply with all code requirements, including, but not limited to the following:

- Verify side and rear setbacks from property line;
- Top of barrier is at least 48 inches above grade;
- Clearance less than 2 inches between grade and the bottom of the barrier;
- When the barrier is mounted on the top of the pool, there shall be a maximum clearance of 4 inches between the top of the pool structure and the bottom of the barrier,
- All openings in the barrier do not allow passage of a 4-inch sphere;
- Horizontal members of a fence used as a barrier shall be located on the pool side of the fence;
- Vertical members of a fence and decorative cutouts in a fence shall be no greater than 1.75 inches. For fences exceeding 45 inches in height, the vertical members can be spaced up to 4 inches apart;
- Maximum mesh size for chain link fences and fences with diagonal members such as lattice shall not exceed 1.25 inches;
- Access gates shall have a self-latching device;
- If the release mechanism for the self-latching device is located less than 54 inches from, the bottom of the gate, then:
  - The release mechanism shall be located on the pool side of the gate at least 3 inches from the top;
  - There shall be no opening greater than 0.5 inches on the gate or barrier within 18 inches of the release mechanism;
- If a wall of the dwelling serves as a barrier, then:
  - The pool shall have a compliant powered safety cover; or
  - All doors with direct access to the pool shall be equipped with a compliant alarm
- If the pool structure is used as a barrier or the barrier is mounted on top of the pool, then:
  - The ladder or steps shall be capable of being secured, locked or removed; or
  - The ladder or steps shall also be surrounded by a barrier with no openings that can allow passage of a 4 inch sphere.

BUILDING INSPECTOR: \_\_\_\_\_

DATE: \_\_\_\_\_

## Pool Acknowledgement

By signing this agreement, we hereby acknowledge that we have been informed of the Swimming Pool Code requirements.

We understand that it is illegal to occupy the swimming pool, until any barrier, alarm, or other safety measure required by the Code is properly installed, or before all inspections have been made and a Certificate of Occupancy has been issued by the City.

Homeowner: \_\_\_\_\_

Address: \_\_\_\_\_

## APPENDIX G

# SWIMMING POOLS, SPAS AND HOT TUBS

*(The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.)*

### SECTION AG101 GENERAL

**AG101.1 General.** The provisions of this appendix shall control the design and construction of swimming pools, spas and hot tubs installed in or on the *lot* of a one- or two-family dwelling.

**AG101.2 Pools in flood hazard areas.** Pools that are located in flood hazard areas established by Table R301.2(1), including above-ground pools, on-ground pools and in-ground pools that involve placement of fill, shall comply with Section AG101.2.1 or AG101.2.2.

**Exception:** Pools located in riverine flood hazard areas which are outside of designated floodways.

**AG101.2.1 Pools located in designated floodways.** Where pools are located in designated floodways, documentation shall be submitted to the *building official* which demonstrates that the construction of the pool will not increase the design flood elevation at any point within the *jurisdiction*.

**AG101.2.2 Pools located where floodways have not been designated.** Where pools are located where design flood elevations are specified but floodways have not been designated, the applicant shall provide a floodway analysis that demonstrates that the proposed pool will not increase the design flood elevation more than 1 foot (305 mm) at any point within the *jurisdiction*.

### SECTION AG102 DEFINITIONS

**AG102.1 General.** For the purposes of these requirements, the terms used shall be defined as follows and as set forth in Chapter 2.

**ABOVE-GROUND/ON-GROUND POOL.** See "Swimming pool."

**BARRIER.** A fence, wall, building wall or combination thereof which completely surrounds the swimming pool and obstructs access to the swimming pool.

**HOT TUB.** See "Swimming pool."

**IN-GROUND POOL.** See "Swimming pool."

**RESIDENTIAL.** That which is situated on the premises of a detached one- or two-family dwelling, or a one-family *townhouse* not more than three stories in height.

**SPA, NONPORTABLE.** See "Swimming pool."

**SPA, PORTABLE.** A nonpermanent structure intended for recreational bathing, in which all controls, water-heating and water-circulating *equipment* are an integral part of the product.

**SWIMMING POOL.** Any structure intended for swimming or recreational bathing that contains water more than 24 inches (610 mm) deep. This includes in-ground, above-ground and on-ground swimming pools, hot tubs and spas.

**SWIMMING POOL, INDOOR.** A swimming pool which is totally contained within a structure and surrounded on all four sides by the walls of the enclosing structure.

**SWIMMING POOL, OUTDOOR.** Any swimming pool which is not an indoor pool.

### SECTION AG103 SWIMMING POOLS

**AG103.1 In-ground pools.** In-ground pools shall be designed and constructed in compliance with ANSI/NSPI-5.

**AG103.2 Above-ground and on-ground pools.** Above-ground and on-ground pools shall be designed and constructed in compliance with ANSI/NSPI-4.

**AG103.3 Pools in flood hazard areas.** In flood hazard areas established by Table R301.2(1), pools in coastal high-hazard areas shall be designed and constructed in compliance with ASCE 24.

### SECTION AG104 SPAS AND HOT TUBS

**AG104.1 Permanently installed spas and hot tubs.** Permanently installed spas and hot tubs shall be designed and constructed in compliance with ANSI/NSPI-3.

**AG104.2 Portable spas and hot tubs.** Portable spas and hot tubs shall be designed and constructed in compliance with ANSI/NSPI-6.

### SECTION AG105 BARRIER REQUIREMENTS

**AG105.1 Application.** The provisions of this appendix shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drownings and near-drownings by restricting access to swimming pools, spas and hot tubs.

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

1. The top of the barrier shall be at least 48 inches (1219 mm) 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 (51 mm) 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 above-ground 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 (102 mm).
2. Openings in the barrier shall not allow the passage of a 4-inch-diameter (102 mm) sphere.
3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions, except for normal construction tolerances and tooled masonry joints.
4. Where the barrier is composed of horizontal and vertical members, and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed  $1\frac{3}{4}$  inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed  $1\frac{3}{4}$  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  $1\frac{3}{4}$  inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a  $2\frac{1}{4}$ -inch (57 mm) square, unless the fence has slats fastened at the top or the bottom which reduce the openings to not more than  $1\frac{3}{4}$  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  $1\frac{3}{4}$  inches (44 mm).
8. Access gates shall comply with the requirements of 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 3 inches (76 mm) below the top of the gate; and
  - 8.2. The gate and barrier shall have no opening larger than  $\frac{1}{2}$  inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.
9. Where a wall of a *dwelling* serves as 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 F 1346;
    - 9.2. 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/or its screen, if present, are opened. The alarm shall be listed and *labeled* in accordance with UL 2017. 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 as long as the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described herein.
  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:
    - 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 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.** Walls surrounding an indoor swimming pool shall comply with Item 9 of Section AG105.2.

**AG105.4 Prohibited locations.** Barriers shall be located to prohibit permanent structures, *equipment* or similar objects from being used to climb them.

**AG105.5 Barrier exceptions.** Spas or hot tubs with a safety cover which comply with ASTM F 1346 shall be exempt from the provisions of this appendix.

## SECTION AG106 ENTRAPMENT PROTECTION FOR SWIMMING POOL AND SPA SUCTION OUTLETS

**AG106.1 General.** Suction outlets shall be designed and installed in accordance with ANSI/APSP-7.

## SECTION AG107 ABBREVIATIONS

### AG107.1 General.

ANSI—American National Standards Institute  
11 West 42nd Street  
New York, NY 10036

APSP—Association of Pool and Spa Professionals

NSPI—National Spa and Pool Institute  
2111 Eisenhower Avenue  
Alexandria, VA 22314

ASCE—American Society of Civil Engineers  
1801 Alexander Bell Drive  
Reston, VA 98411-0700

ASTM—ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428

UL—Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60062-2096

## SECTION AG108 REFERENCED STANDARDS

### AG108.1 General.

#### ANSI/NSP

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—03 Standard for Residential  
In-ground Swimming Pools. . AG103.1

ANSI/NSPI-6—99 Standard for Residential  
Portable Spas . . . . . AG104.2

#### ANSI/APSP

ANSI/APSP-7—06 Standard for Suction Entrapment  
Avoidance in Swimming Pools,  
Wading Pools, Spas, Hot Tubs  
and Catch Basins . . . . . AG106.1

#### ASCE

ASCE/SEI-24—05 Flood-resistant Design and  
Construction . . . . . AG103.3

#### ASTM

ASTM F 1346—91 Performance Specification  
(2003) for Safety Covers and Labeling  
Requirements for All Covers  
for Swimming Pools Spas and  
Hot Tubs . . . . . AG105.2, AG105.5

#### UL

UL 2017—2000 Standard for General-purpose  
Signaling Devices and  
Systems—with revisions  
through June 2004 . . . . . AG105.2