

**LYNN TOWNSHIP Zoning Office**

7911 Kings Highway – New Tripoli PA 18066-4519

{610} 298-2645 Fax {610} 298-2896

E-mail: [lynnzone@ptd.net](mailto:lynnzone@ptd.net) Website: [www.lynn township.org](http://www.lynn township.org)

**APPLICATION FOR POOL, HOT TUB OR SPA PERMIT**

(24"water depth or greater)

**CONSTRUCTED UNDER ACT 45 OF 1999 AS AMENDED**

Applicant agrees that the following work will be done as described in accordance with plans and specifications submitted, and in compliance with all provisions of the zoning ordinance, and all other applicable ordinances or requirements of **Lynn Township**.

**PERMIT FEES – At time of submission:**

**Application Fee - \$ 50.00**

**PA State Fee- \$ 4.00, Plan Review Fee- \$ 50.00**

**Above-ground Pool, Hot Tub or Spa - \$50.00 Permit Fee**

**In-ground Pool, Hot Tub or Spa Permit Fee – \$ 100.00 Permit Fee**

**(ALL FEES ARE NON-REFUNDABLE!)**

Please fill in all applicable information: Note: Please submit three (3) copies of a plot plan of your lot.

1. Location Address \_\_\_\_\_ Lot Size \_\_\_\_\_

2. Record Owner \_\_\_\_\_

3. Description: \_\_\_\_\_ Pool or Hot Tub: \_\_\_\_\_

Above ground or On-Ground swimming pool \_\_\_\_\_

In-ground pool \_\_\_\_\_ Depth \_\_\_\_\_

Hot Tub - In-ground \_\_\_\_\_

or Hot Tub On-ground/Above-ground \_\_\_\_\_ Value \$ \_\_\_\_\_

Spa - In-ground \_\_\_\_\_

or Spa On-ground/Above-ground \_\_\_\_\_ Size – (Sq. Ft.) \_\_\_\_\_

4. Size \_\_\_\_\_

Oval \_\_\_\_\_

Round \_\_\_\_\_

Other \_\_\_\_\_

5. Deck/Patio \_\_\_\_\_ 6. Size – (Sq. Ft.) \_\_\_\_\_

7. Total Sq. Ft. \_\_\_\_\_

8. Setbacks: Front \_\_\_\_\_ Left side \_\_\_\_\_ Right side \_\_\_\_\_ Rear \_\_\_\_\_

9. Applicant \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

10. Installer \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_

General Contractor Registration #: \_\_\_\_\_ Registration Expiration Date: \_\_\_\_\_

Township Use Only- Zoning District \_\_\_\_\_ Tile No./Pin No. \_\_\_\_\_

Type of Use: Main \_\_\_\_\_ Accessory \_\_\_\_\_ Special Exception \_\_\_\_\_ Variance \_\_\_\_\_

APPLICATION NO. \_\_\_\_\_

Application Approved: Yes \_\_\_ No \_\_\_ Reason for denial \_\_\_\_\_

Reviewed by Zoning Officer: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed by Building Inspector: \_\_\_\_\_ Date: \_\_\_\_\_

Application Fee	Review Fee	State Fee	Permit Fee(s)	Permit Number	Issuance Date
\$ 50.00	\$ 50.00	\$ 4.00	\$		

Please make checks payable to Lynn Township. **ALL FEES ARE NON-REFUNDABLE!**

**\*\*\* PERMIT EXPIRES ONE (1) YEAR FROM DATE OF ISSUANCE \*\*\***

Note: Inspections are required. (See attached milestone sheet for your reference)

All work must be completed by expiration date.

Poolpermitapp.doc

# **BUILDING PLAN SUBMISSION REQUIREMENTS FOR IN-GROUND POOLS, ABOVE- GROUND POOLS, SPAS & HOT TUBS**

## **POOL IN-GROUND**

- 1- Electric Information (Per Chapter 41)**
- 2- Barrier Requirements- Height of Fence, Type of Fence, Height off ground, access gate (which way it opens, location of latching device & how far off the bottom of gate the latch is located). If using the house as a barrier the type of alarm on the doors.**

## **ABOVE GROUND POOLS, SPAS & HOT TUBS**

- 1- Electric Information (Per Chapter 41)**
- 2- Barrier requirements same as above except- ladder or steps shall be capable of being secured, locked or removed to prevent access or shall be surrounded by a barrier that meets the requirements of section AG1052, Items 1 through 9.**
- 3- Spa & Hot Tubs- same as above except- with a safety cover which complies with ASTM F 1346, as listed in Section AG107, shall be exempt from the provisions of this appendix, (Show the cover and state it meets the above).**

## Section AG105

### Swimming Pool Barrier Requirements

**AG105.1 Application.** The provisions of this chapter 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, 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 (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 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 (102 mm).
2. Openings in the barrier shall not allow passage of a 4-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 shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches (44 mm) 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 3 inches (76 mm) below the top of the gate, and
  - 8.2 The gate and barrier shall have no 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 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 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 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 aboveground 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.** Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

**AG105.5 Barriers 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.

Poolbarrierrequirements.doc

# LYNN TOWNSHIP POOL, HOT TUB AND SPA INSPECTIONS

CALL 484-223-0763 FOR INSPECTION WHEN WORK ON EACH PHASE IS COMPLETE.

CODEMASTER INSPECTION SERVICES WILL GENERALLY MAKE INSPECTIONS THE NEXT DAY.

Phase 1. **FOOTER INSPECTION (applies to In-ground pools, hot Tubs and spas only)**

When holes are dug, but before concrete is poured.

Phase 2. **BONDING INSPECTION (Applies as a separate inspection for In-ground pools only)**

When all metal parts are connected with a #8 solid copper wire with proper connectors to create a common bonding grid.

Phase 3. **ROUGH ELECTRICAL INSPECTION**

All splicing to be completed. All underground trenches shall be inspected prior to backfill.

Phase 4. **FINAL ELECTRICAL INSPECTION**

All devices, fixtures, and equipment shall be installed and operational. Unused wire connections shall be capped.

Phase 5. **FINAL INSPECTION**

Installer/Owner must call after electrical inspection is complete. Please note that all swimming pools, hot tubs and spas, will require a minimum 4 foot high barrier wall with a self locking, self closing gate around the entire swimming pool. Hot tubs and spas require covers. Pool enclosures shall comply with Appendix G of the international residential code.

The fees include one inspection per required phase per permit.

Any additional inspections will require reinspection fees.

**No pool shall be occupied until all inspections are complete and certificate of compliance is issued.**

(Poolinspections.doc)

# Lynn Township

**My signature below certifies that I have received a copy of the Milestone of Inspections list and I am aware of my responsibility to have each required inspection done. No Certificate of Compliance shall be issued without the required inspections having been completed.**

Property Location Address: \_\_\_\_\_

Signature of Owner \_\_\_\_\_ Date: \_\_\_\_\_

**AND**

Signature of Builder \_\_\_\_\_ Date: \_\_\_\_\_

**\*\* No building permit shall be issued prior to the zoning office receiving this signed form\*\***

Buildersignaturesheet.doc

**Lynn Township Zoning Office,  
7911 Kings Highway  
New Tripoli, PA 18066  
Phone: 610-298-2645 Fax: 610-298-2896  
Email: [lynnzone@ptd.net](mailto:lynnzone@ptd.net)  
Website: [www.lynntwp.org](http://www.lynntwp.org)**

**APPLYING FOR A POOL, HOT TUB OR SPA PERMIT IN LYNN TOWNSHIP**  
(Please Read Prior to Filling Out this Permit Application)

Application must include Three (3) copies of a plot plan showing all existing or proposed improvements upon the lot. Improvements include all structures, well location, septic tank and drain field or central sewer lines and driveway area. Exact dimensions and setbacks must be shown if improvements are proposed less than ten (10) feet from the required setbacks.

A swimming pool is defined as any structure intended for swimming or recreational bathing that contains water over 24 inches (610 mm) deep. This includes in-ground, aboveground and on-ground swimming pools, hot tubs and spas.

All swimming pools, hot tubs and spas, will require a minimum 4 foot high barrier wall with a self locking, self closing gate around the entire swimming pool area. (See Section AG105, Swimming Pool Barrier Requirements Sheet Attached).

A \$50.00 Plan Review Fee along with a \$50.00 Application Fee must accompany pool plan submission. All plans must be reviewed by the Building Inspector prior to permit issuance.

**NOTE: ALL FEES ARE NON – REFUNDABLE!**

**ELECTRICAL PERMIT**

An electrical permit is required when applying for a pool, hot tub or spa permit. Submission of the electrical permit application is required prior to any electrical work being started. Electrical contractors must be registered with Lynn Township and must sign the permit application. All fees must be paid prior to the electrical permit issuance.

**ALL APPLICATIONS, WHERE REQUIRED, MUST BE SIGNED BY THE RECORD OWNER AND CONTRACTORS. ALL FEES MUST BE PAID PRIOR TO ANY PERMITS BEING ISSUED.**

(APPLYINGFORPOOLPERMIT)



2399 Broadhead Road, Suite V  
R. 100, PA 18020  
TEL 610 366 8808  
FAX 610 973 9191  
info@code-master.com

## SWIMMING POOLS

(2006 IRC)

### SECTION AG103 SWIMMING POOLS

#### AG103.1 In-ground pools.

In-ground pools shall be designed and constructed in conformance with ANSI/NSPI-5 as listed in Section AG108.

#### AG103.2 Above-ground and on-ground pools.

Above-ground and on-ground pools shall be designed and constructed in conformance with ANSI/NSPI-4 as listed in Section AG108.

### SECTION AG105 BARRIER REQUIREMENTS

#### AG105.1 Application.

The provisions of this chapter 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 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 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.
2. Openings in the barrier shall not allow passage of a 4-inch-diameter 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, 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 in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 $\frac{3}{4}$  inches 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 or more, spacing between vertical members shall not exceed 4 inches. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 $\frac{3}{4}$  inches in width.
6. Maximum mesh size for chain link fences shall be a 2 $\frac{1}{4}$ -inch 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.

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.

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 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 below the top of the gate; and

8.2. The gate and barrier shall have no opening larger than  $\frac{1}{2}$  inch within 18 inches 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; or

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 in accordance with UL 2017. The audible alarm shall activate within 7 seconds and sound continuously for a minimum of 30 seconds after the door and/or its screen, if present, are 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 touch pad or switch, to temporarily deactivate the alarm for a single opening. Deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches 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:

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 sphere.



CodeMaster Inspection Services Inc.  
1209 Hausman Road, Suite B  
Allentown, PA 18104-9300  
Tel: 484-223-0763  
Fax: 484-223-0768

## ABOVE GROUND SWIMMING POOLS

(Based on the 2009 International Residential Code)  
(Section N1103.8, Chapter 42, & Appendix "G")

This list is only a summary of the code.

1. The pool wall shall be a minimum of 48 inches high, measured from the finished grade to the top of the pool wall.
2. Where there is an adjacent hill or sloping ground towards the pool. The pool shall be a minimum of 48 inches away (Measured from the top edge of the pool.), or provide a 48 inch high code compliant barrier (See A thru C below for the barrier requirements).
3. The pool equipment must be placed 48 inches from the pool wall to prevent the equipment from being used for climbing.
4. Barriers shall be located to prohibit permanent structures, equipment, or similar objects from being used to climb upon.
5. The ladder shall be capable of being secured, locked, or removed to prevent access. or Provide a 48 inch high barrier surrounding the ladder or steps that complies with the following.
  - A) The barrier may not be located more than 2 inches above the grade.
  - B) If the distance between the horizontal rails is less than 45 inches, the spacing between the vertical rails shall not exceed 1¼ inch.
  - C) If the distance between the horizontal rails is more than 45 inches, the spacing between the vertical rails shall not exceed 4 inches.
  - D) The gate shall swing outward (away) from the pool.
  - E) The gate shall be self-closing and self-latching.
  - F) The gate latch shall be located at least 54 inches high measured from the bottom of the gate to the latch. or The latch shall be located on the pool side (inside) of the gate a minimum of 3 inches below the top of the gate and there shall be no opening larger than ½ inch within 18 inches of the latch.
  - G) If the pool barrier is part of one or all of the following, house wall, garage wall, shed wall or similar structure and there are access doors in the barrier walls a door alarm is required to be mount on the side of the door or screen door opposite the pool. The deactivation button may not be less than 54 inches above the floor. The alarm is required to listed and labeled in accordance with UL 2017.
6. Lighting fixtures shall not be placed over the pool or within 5 feet horizontally of the pool.

7. A convenience receptacle is required not less than 6 feet and no more than 20 feet from the wall of the pool. The receptacle shall be GFCI (ground fault circuit interrupter) protected and the receptacle shall be covered with an in use cover.
8. The pool pump receptacle is required to be 20 amp twist lock, GFCI (ground fault circuit interrupter) protected and the receptacle shall be covered with an in-use cover.
9. The pool pump receptacle shall be placed at least 6 feet away from the pool, but no greater than 10 feet.
10. The pool pump cord may not exceed 3 feet in length.
11. The conduit for the pool pump and the convenience receptacle shall be buried a minimum of 18" below finished grade. (20" deep trench)
12. All receptacles shall be mounted on a structural wall, post usually 4'x4' pressure treated, or equal.
13. All non-twist lock receptacles shall be listed weather-resistant type and tamper-resistant type.
14. Pool pump receptacle feed conductors shall be individual conductors installed in listed PVC or metal conduit. The conductors shall be black/white/green, 12 awg (American wire gauge) copper wire, and the conductor insulation type shall be THHN/THWN.
15. The pool pump shall be controlled with a time clock.
16. Pool motor needs to be bonded to pool with an 8 awg solid copper wire.
17. The pool pump must be listed and labeled for swimming pool use.
18. If the ladder is metal it must also be bonded to the pool.
19. All metal within 5 feet of inside wall of the pool shall be bonded to the pool with 8 awg solid copper wire.
20. An 8 awg solid copper wire shall be installed around the perimeter of the pool no less than 18 inches and no more than 24 inches from the wall of the pool. The wire shall be buried 4 to 6 inches deep. The wire shall be connected to the pool (with listed connectors) at 4 locations equally spaced.
21. Bonding connectors and machine screws or nut and bolts shall be stainless steel, brass, copper or copper alloy. Connectors shall be listed. Sheet metal screws are NOT permitted for bonding.
22. Pool heaters shall be equipped with a readily accessible on/off switch. Gas heaters shall not have continuously burning pilot lights.
23. Existing overhead wires shall be a minimum of 10 feet away from the pool wall, and any underground wires shall be 5 feet away from the pool wall. (All measurements are made at level line.)