

## **APPROVAL TO CONSTRUCT CHECKLIST FOR A SEMIPUBLIC POOL AND/OR SPA**

### **APPLICATION**

- Yes No Is the application signed by a currently registered Arizona Professional Engineer or Architect or a swimming pool contractor with a current A-9, A-19, KA-5 or KA-6 Arizona license? [1-2.e]
- Yes No Does all of the data in the application match up with what is listed on the drawings?
- Yes No Is the average width (surface area/total length as shown in Appendix B) of the pool at least 14 feet? [3-2.d]
- Yes No Are the pool and spa constructed of concrete or other structurally rigid material that is equivalent in strength and durability to concrete and will the materials used be nontoxic, smooth, free from cracks and be easily cleanable? [3-1.a & 6-1.a]
- Yes No Will the pool and spa finish meet all of the following requirements:
1. Be a white pastel or other bright color such that the color as well as the pattern and finish will not obscure objects or surfaces within the pool, debris, sediment or algae? [3-1.c & 6-1.a]
  2. Be a material that will withstand repeated brushing, scrubbing and cleaning? [6-1.a]
  3. Be a slip resistant surface that will not cause injury or discomfort to the feet during normal use? [3-1.b & 6-1.c]
  4. Does the lining extend to the coping of the pool? [6-1.a]
  5. If a liner such as plastic is used, is it totally bonded to the pool sides and bottom? [3-1.b & c & 6-1.a]
- Yes No Using the Hydraulic Design Guidelines (and adding the area of any vertical surfaces to the pool area), are the required number of skimmers provided for both the pool and the spa (Verify on drawings)? NOTE – if an alternative such as a rim overflow or gutter system is proposed see the Contingent Requirements. [6-2.d & 9-2]
- Yes No Using the Hydraulic Design Guidelines, are the required number of inlets provided for both the pool and the spa (Verify on drawings)? [3-10 & 9-2]
- Yes No Are the motors, pump strainers, filters, chlorinators and skimmers NSF certified? [3-7.c, 3-8, 3-19, 4-1.c, 4-5, 4-6, 4-7.a & e]
- Yes No Using the distance from the drain to the pump and the Hydraulic Design Guidelines, to obtain the total head (or verify the calculations if provided), does the supplied pump curve produce the flow rate listed in the application? [3-6]
- Yes No Does the proposed flow rate filter the pool contents in eight (8) hours or less and the spa in 30 minutes or less? (NOTE: Bypassing chemical feeders or other similar devices may be exempted from this requirement with the approval of the Department) [3-4.b & 9-1]
- Yes No Does each pressure filter have a means to release internal pressure that is NFS certified or which meets all of the following requirements:

1. There is an air relief piping system connected near the crown.
2. If an automated air release system is used, it provides a slow and safe release of pressure.
3. If a separation tank is used in conjunction with the filter, is the separation tank have either a mechanical means of air release or a lid that provides a slow and safe release of air? [3-14]

Yes No Verify the flow rate and determine if it is less than the lower both the flow rate specified in ANSI/NSF International Standard 50 and the following requirements [3-19 & 4-1.b]:

1. For a sand filter, it is sized to have a maximum flow rate of 20 GPM per square foot of filter media surface area. [3-16]
2. For a diatomaceous earth filter, it is sized to have a maximum flow rate of two (2) GPM per square foot of effective surface area. [3-17]
3. For a cartridge type filter, it is sized to have a flow rate that does not exceed 0.375 GPM per square foot of filter area. [3-18]

Yes No Do the chlorinators meet all of the following requirements:

1. An adjustable automatic feed type
2. Are correctly sized

Yes No Are questions 26 thru 35 of the application answered acceptably?

## **WATER RECIRCULATING AND FILTER SYSTEMS**

### Equipment Room

- Yes No Is each bathing place furnished with a separate and distinct recirculating system including a separate pump, motor and filter? [3-4.a; 4-1.f: 7.a & 9-2]
- Yes No Is all water removed from the pool and spa filtered and disinfected before being returned to the pool and spa? NOTE: Does not apply to water withdrawn for use in a cleaning system, slide or water features long as the use is approved by the Maricopa County Environmental Services Department (Department hereafter) [3-4; 4-1.e]
- Yes No Using the hydraulic design guidelines, are the proposed piping sizes OK based on both the required number of skimmers and the maximum allowable velocity in the pipes? NOTE – A spa with a single skimmer can have the drain feed into the skimmer and use a single return line. [3-5.f; 4-1.b & 6-2.d]
- Yes No Do the spa therapy heads and similar devices have their own circulating system that is not connected into the filtering/disinfection system? [9-2]
- Yes No Is each filter equipped with a backwash flow meter between the pump and the filter? [3-12]
- Yes No Is there a sight glass installed on the waste discharge pipe from each pressure filter? [3-13]
- Yes No Are there pressure gauges on each filter that meet the following requirements:
1. A vacuum gauge is installed on inlet side of the pump.
  2. A pressure gauge is installed on both the inlet and outlet manifolds of the filters. [3-20]
- Yes No For disinfection, is a separate adjustable automatic feeder and metering system provided for each bathing place? [4-7.a & c]

- Yes No Is the disinfectant equipment installed according to manufacturer's recommendations and without timers? [4-2 & 7.a]
- Yes No NA If a chemical feeder is used, is it installed to inject solution downstream from the filter and heater. (NOTE – This does not apply to an erosion type feeder which may be installed to feed solution to the suction side of the pump). [4-7.f]
- Yes No NA If a chemical feeder is used, is it installed so that it cannot operate unless the filter pump is running? (4-7.f)
- Yes No Is the system free of any cross connection between the sewer system and any drain from the pool or recirculation system? Note: required air gap is twice the pipe diameter [3-21.b & 6-13]

### Drains

- Yes No Do the pool and spa drains meet all of the following requirements:
1. There are at least two (2) main drains in each bathing place that are located in the deepest part of the pool.
  2. All main drains are separated by at least three (3) feet. [3-11.a]
- Yes No Are the drains spaced at intervals no greater than one (1) each 20 feet of pool width in the deepest portion and no more than 15 feet from each side wall? [3-11.b]
- Yes No Do the spa and, if it has a water feature, the pool use a suction outlet system for the water features that meets all of the following requirements met:
1. There are a minimum of two (2) outlets provided for each pump in a suction outlet system.
  2. The suction outlets are separated by at least three (3) feet. NOTE: They may be located on two (2) different planes (i.e. one on the bottom and one on a vertical wall or on two different vertical walls) as long as the three (3) foot separation applies.
  3. The suction outlets are plumbed to draw water thru them simultaneously thru a common line to the pump. [3-11.c & 9-4]
- Yes No NA If a grate rather than an anti-vortex cover is used:
1. Does it have a diagonal of at least 24 inches
  2. Is the velocity of water thru the grate openings of the drain less than one and one-half (1½) fps? [3 -11.a & d & 9-4]
- Yes No Is the piping between the suction outlet and the pump free of check valves? [3-11.e]

### Inlets

- Yes No Will the inlets meet all of the following:
1. Be no more than 15 feet apart
  2. Include at least one inlet located within five (5) feet of each corner and in each step alcove.
  3. Provide proper circulation? [3-10 & 4-1.a]
- Yes No Are the inlets part of a closed loop piping system? [3-10]

Yes No NA If the width of the pool exceeds 30 feet, are the required bottom returns included that meet the following requirements:

1. A sufficient number of bottom returns are provided based upon an area of influence of 15 feet.
2. The bottom returns are flush with the pool bottom or of a design that prevents injury to bathers. [3-10]

Other

Yes No Is the system free of any cross connections between the potable water system and either the recirculating system or the reservoir? [3-21.a]

Yes No Is potable makeup water introduced **into the reservoir** using one of the following methods:

1. Across an air gap at least twice the diameter of the pipe and at least six (6) inches above the overflow level. (NOTE – if an over-the-rim spout is used it may not present a tripping hazard.); [3-21.a.1]
2. Three (3) inches above the overflow rim of a float controller make up water feed tank; or [3-21.a.2]
3. By a submerged inlet that has a backflow prevention device meeting University of Southern California Foundation for Cross Connection Control and Hydraulic Research. [3-21.a]

Yes No Are the pumps equipped with a clearly labeled emergency shut-off switch that is located within the swimming pool enclosure to cut off power to the water recirculation systems? [3-7.d & e]

Yes No Does the cleaning system comply with the requirement to not create a hazard or interfere with the operation or use of the pool? [3-9.c]

**DESIGN STANDARDS AND SPECIFICATIONS**

Shapes

Yes No Will the pool and spa shape minimize hazards to users and provide for adequate circulation? [3-2.a & 9-1]

Yes No Are the pool and spa free of protrusions, extensions, entanglements or other obstructions that might cause entanglements of or injury to users? (NOTE: - this does not include seats, steps in the shallow end, ladders in the deep end, nor prohibit the use of water features such as fountains, water slides, water play equipment or volleyball or basketball nets.) [3-2.b & 6-1.b]

Yes No NA If there is an underwater seat or bench in the pool, will it meet all of the following requirements:

1. Have edges that are outlined with a sharply contrasting colored tile or other material that is clearly visible from the deck adjacent to the underwater seat or bench;
2. Have a slip-resistant surface;
3. Be located outside of the deep area of a swimming pool;
4. Have a maximum depth of 24 inches below the waterline and a minimum depth of 12 inches below the waterline; and
5. Have a maximum width of 20 inches. [6-1.b & c]

- Yes No NA If the pool has a racing lane, is the wall plumbed to a minimum depth of five (5) feet below the waterline and will the wall below that point be radiused to join with the floor? [3-2.c]
- Yes No NA If coping or a cantilevered wall projects from a pool wall, is it rounded, have a slip resistant surface, not exceed three and one-half (3½) inches thick, have an overhang of one (1) to two (2) inches, and corners that are rounded in all directions to eliminate sharp corners. [3-2.e]
- Yes No NA Are the pool and spa floor slopes uniform and no greater than one (1) foot of fall in ten (10) feet when measured from the wall in the shallow end of the pool to the point of first slope change for the pool and for all of the spa? [3-2.f.1; 7-4 & 9-1]
- Yes No NA Is the pool floor slope, from the point of first slope change to the deepest part, one foot of fall or less per three feet? [3-2.f.2]
- Yes No NA Is the depth of the pool at the point of the first slope change at least five (5) feet? [3-2.f.2]
- Yes No Do all portion of the pool slope toward the main drain? [3-2.f.3]

#### Freeboard

- Yes No NA If the freeboard is increased to provide walls, terraces, etc., are the following met:
1. Guard rails or other similar devices must be provided to prevent the raised areas use as a diving platform;
  2. The vertical surface of these sections must be constructed of sound durable inorganic material, rigid, smooth, and easily cleanable;
  3. The horizontal surfaces must comply with the provisions for walkways;
  4. The vertical surface area of these sections will be included as surface area of the pool for determining the type, size, location and numbers of equipment and piping; and
  5. The length and height of the section where freeboard is increased shall be limited. The Department will review each case as unique, and consideration will be given to factors of safety, exit distance, alternative exits, location, and water depth. [7-7]

#### Depth Markers

- Yes No For pools that do not qualify as a diving pool and also in sections of diving pools where the water is less than five (5) feet deep, are there warning markers which indicate, either in words or symbols, that diving is prohibited? Also, are the markers placed within 18 inches of the water and readable by a person standing on the deck facing the water? [3-22.a]
- Yes No Do the pool depth markers meet all of the following requirements:
1. The water depth is conspicuously and permanently marked on the walls of the pool and on the top of the coping or the edge of the deck next to the swimming pool.
  2. Depth markers on a vertical wall are positioned to be read from the waterside.
  3. Depth markers that are located on a deck are made of slip-resistant materials.
  4. Depth markers are installed at points of maximum and minimum water depth and at all points of slope change.
  5. Depth markings are installed at one (1) foot depth intervals to a depth of five (5) feet, thereafter, depth markers are installed at two (2) foot depth intervals (see app).
  6. Depth markers are spaced at distances no greater than 25 feet.
  7. Depth markers are located on both sides and at both ends of the pool;
  8. Depth markers are in Arabic numerals with a four (4) inch minimum height and the Arabic numerals are of contrasting color to the background.

9. In pools utilized for competitive swimming and training, there are approach-warning markings installed under the water level on opposite walls at the end of each swimming lane in the pool. The warning markings are of uniform color and size on a background of contrasting uniform color. In addition, they are clearly visible in or out of the water at all times from a distance of not less than ten (10) feet.
10. Except for zero depth entries, the depth in the shallow portion of a pool is not less than two (2' 0") feet or greater than three (3' 0") feet. [6-1.d]

- Yes No Do the spa depth markers meet all of the following requirements:
1. The maximum water depth is conspicuously and permanently marked on the top of the coping or the edge of the deck next to the spa.
  2. Maximum water depth markers that are located on a deck are made of slip-resistant materials.
  4. At least two depth markings are installed on the decking.
  5. Maximum water depth markers are spaced at distances no greater than 25 feet.
  6. Maximum water depth markers are in Arabic numerals with a four (4) inch minimum height and the Arabic numerals are of contrasting color to the background. [6-1.d & 9-10]

#### Skimmers

Yes No NA If skimmers are used in the pool, will they meet all of the following requirements:

1. The skimmers are recessed into the pool wall.
2. The skimmers are installed to achieve effective skimming action throughout the pool.
3. Where three (3) or more skimmers are used, they are on a closed loop piping system.
4. At least one (1) surface skimmer is located on the side or near the corner of the swimming pool that is downwind of the area's prevailing winds. [6-2.d]

Yes No Does the collection system avoid using a mix of inlet types, such as skimmers and gutters, on the same body of water? [6-2.e]

#### Spa

Yes No Is the maximum depth of the spa 42 inches or less? [9-1]

Yes No Is there a timer for the therapy jets that is located at least five feet from the spa and has a maximum time limit of 15 minutes? [9-8]

Yes No NA If three (3) or more skimmers are used, they are on a closed loop system. [9-2]

#### Ladders, Steps and Recessed Tread

NOTE: Recessed treads with handrails may be substituted for ladders.

Yes No Are there a minimum of two (2) means of egress from each pool? [6-3]

Yes No Is there at least one (1) ladder or stair for each 75 feet of perimeter? [6-3]

Yes No NA If the pool has racing lanes, are all stairs, ladders, and recessed treads installed so that they do not interfere with racing lanes? [6-3a]

Yes No Will the pool meet all of the following requirements with respect to steps?

1. At least one (1) set of steps is provided in the shallow end of the swimming pool. NOTE: A beach entry may be substituted for steps in the shallow end of the pool. [6-3 & 6-3.a]

2. The steps are installed so that they do not project into the pool in a manner which will create a hazard. [6-3.a]
3. Steps are constructed only in the shallow area of the swimming pool. [6-3.a]
4. Steps are permanently marked so as to be clearly visible from above or below the pool surface. [6-3.a]
5. Tread surfaces on steps have slip-resistant surfaces. [6-3.a]
6. Step treads have a minimum unobstructed horizontal depth of ten (10) inches. [6-3.a]
7. Risers have a maximum uniform height of 12 inches, with the bottom riser height no more than plus or minus two ( $\pm 2$ ) inches from the uniform riser height. [6-3.a]
8. A handrail is provided either at one side or in the center of all stairways. [6-3.a]

Yes No Will the spa meet all of the following requirements with respect to steps?

1. A set of entrance steps and a handrail are provided.
2. All steps, benches or other projections from the walls are outlined on the top surface edges by a *continuous* line of sharply contrasting tile or other suitable material that is clearly visible from the edge of the pool, [9-1]

Yes No NA If ladders are used, will they meet all of the following requirements?

1. Where the deep section is greater than 20 feet in width, there are two (2) ladders provided, located on opposite sides of the deep section. [6-3]
2. Swimming pool ladders are equipped with two handrails. [6.3.b]
3. Ladder treads have a minimum horizontal depth of one and one-half (1 1/2) inches. [6-3.b]
4. The distance between ladder treads range from a minimum of seven (7) inches to a maximum of 12 inches. [6-3.b]
5. Below the waterline, there is a clearance of not more than six (6) inches and not less than three (3) inches between any ladders tread edge and the wall as measured from the side of the tread closest to the wall. [6-9.b]

Yes No NA If recessed tread with handrails are used to meet the requirements for ladders, will the recessed tread meet all of the following requirements?

1. Each set of recessed treads is equipped with two (2) handrails. [6-3.c]
2. Recessed treads at the centerline shall have a uniform vertical spacing of 12 inches maximum and seven (7) inches minimum. [6-3.c]
3. Recessed treads are at least five (5) inches deep and 12 inches wide. [6-3.c]

### Lighting

Yes No NA If the swimming pool is intended to be used at night, is it equipped with artificial lighting that is designed and spaced so that all parts of the swimming pool, including the bottom, may be seen without glare. [6-4]

### Hose Bibs

Yes No Will hose bibb(s) be provided along the perimeter of the deck so that all parts of the deck may be washed down. [6-5]

Yes No At a minimum, will each hose bibb be protected against back siphonage with an atmospheric vacuum breaker. NOTE: The Department may approve quick-disconnect-style hose bibb(s). [6-5]

### Fencing

- Yes No Will the pool and walkways adjacent to the pool be enclosed by a durable fence or wall at least five (5) feet high above the highest part of the premises not related to the swimming pool as measured on the side away from the swimming pool? [7-2.a]
- Yes No Will the fences, walls or artificial barriers meet all of the following requirements?
1. Be constructed so as to afford no external handholds or footholds.
  2. Be of materials, which are impenetrable by small children, dogs, livestock, etc.
  3. Have openings or spacings of such size that a spherical object four (4) inches in diameter cannot pass through.
  4. Be equipped with a gate that opens outward from the swimming pool, with a self-closing and positive self-latching closure mechanism located at or near the top of the gate and at least 54 inches above the floor.
  5. Have a distance between the horizontal components of the fence of at least 45 inches.
  6. Have the horizontal members located on the interior side of the fence.
  7. The maximum mesh size for a wire mesh or chain link fence is 1.25" X 1.25" (maximum opening area size = 1.56 square inches). The maximum opening formed by the composed diagonal members is no more than 1.75 inches.
  8. Masonry or stone walls do not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
  9. If a wall of a building serves as part of the barrier around a public or semipublic swimming pool or spa, there is no direct access to the swimming pool or spa through the wall except as follows:
    - A. Windows leading to the swimming pool are locked, preventing opening the window more than four (4) inches.
    - B. A hinged door leading to the swimming pool area is self-closing and has a positive self-latching device. The release mechanism of the positive self-latching device is located at least 54 inches above the floor.
    - C. If an additional set of doors is required by the fire code allowing access to the swimming pool, they shall be self-closing and positive self-latching, equipped with panic bars no less than 54 inches from the floor to the bottom of the bar, or equipped with a non-disarmable alarms if fire codes require panic bar heights lower than 54 inches, and designated "for emergency use only."
    - D. Sliding doors leading to the swimming pool area are prohibited except for sliding doors that are self-closing and self-latching with the release mechanism of the self latching device located at least 54 inches above the floor.
  10. If a barrier is composed of a combination concrete masonry unit and wrought iron, it meets all of the following requirements:
    - A. The wrought iron portion is installed flush with the outside vertical surface of the concrete masonry unit.
    - B. The space between the wrought iron and the concrete masonry unit are one-half (1/2) inch or less.
    - C. The vertical members of the wrought iron are spaced four (4) inches on center.
  11. An area clear of any type of footholds which could be used to assist in scaling the barrier exists for a minimum of three (3) feet outside the barrier and so that the effective height of the barrier is maintained.
  12. The mechanical filtering, disinfection and recirculating equipment is protected from tampering by an enclosure or fence meeting the requirements of this section except that the enclosure may be locked rather than self-closing.
  13. The pool enclosure does not serve as or function as all or part of a residential fence. [7-2]

Walkways

- Yes No Does the pool have walkways that meet all of the following requirements?
1. Are provided adjacent to the pool.
  2. Are at least four (4) feet wide, continuous and unobstructed except that where diving boards and platforms are installed the walkway shall extend at least four (4) feet to each side and behind the board or platform and any remaining decking is no more than 8 inches wide and is designed to preclude its use as a walkway.
  3. Slope away from the pool with a pitch of at least one-fourth (1/4) inch per one (1) foot to properly located deck drains or other approved points of disposal.
  4. Are constructed of concrete or other inorganic material, with a slip-resistant, easily cleanable finish, free of sharp or jagged edges or surfaces.
  5. Are designed to conform to the dimensions shown in Appendix A of Chapter VI of the Maricopa County Environmental Health Code, as applicable. [7-3]
- Yes No Does the spa have walkways that meet all of the following requirements:
1. Are provided on at least two contiguous sides and cover at least 50 % of the periphery of the spa.
  2. Are at least four (4) feet wide and any remaining decking is no more than 8 inches wide and is designed to preclude its use as a walkway.
  3. The walkway between the spa and the pool either four feet or more or less than eight inches and designed to preclude its use as a walkway. [9-3 & 6]

**ROOF DRAIN WATER**

Yes No NA Will rainwater draining from any structure diverted away from the pool and spa to a suitable point of disposal? [3-23]

**BATHHOUSE AND DRESSING ROOM FACILITIES**

Yes No Does the facility either provide private rooms with toilets and wash facilities for the pool users or meet all of the criteria in the Bathhouse and Dressing Room Criteria section in the CONTINGENT REQUIREMENTS at the end of this checklist? [5-1.1 & 7-5]

**OTHER**

Yes No Are the submittal notes free of any information that would indicate a non-compliance situation?

Yes No Are the drawings free of any evidence of doors or windows exiting a building into the pool enclosure if they have not been covered in the details.

**CONTINGENT REQUIREMENTS** These requirements may or may not apply

**If there is a water feature:**

Yes No Is it on a separate suction and water recirculation system? (NOTE: jets from the decking which are equivalent to an aerator can draw from the return line.)

Yes No Does it protrude 2 inches or less beyond the side wall of the pool? If it does protrude more than 2 inches, is the protrusion 8 feet or more above the pool floor and 4 feet above the surface of the pool?

Yes No Is the water feature installed so that it cannot be used as a diving platform or cause any other safety hazards?

**If it is a zero depth entry pools**

- Yes No NA If the pool has a zero depth entry, does it meet all of the following requirements:
1. It has a turnover rate for the area of the pool up to a depth of two (2) feet of at least once every hour.
  2. It is equipped with a trench drain running that meets all of the following requirements:
    - A. The drain runs the entire length of the entry.
    - B. The trench drain is covered with a removable grate to facilitate cleaning.
    - C. The trench drain is located so that the water surface of the pool falls no higher than the middle of the grate.
    - D. The grate is designed to eliminate the possibility of injury to bathers.
  3. There are a minimum of two (2) floor inlets, plumbed not more than 15 feet apart and no further than 10 feet from the zero depth entry.
  4. At the entry, the deck/floor must slope toward the pool at a maximum slope of one (1) foot in 12.
  5. All floor material is non-slip to a minimum depth of two (2) feet.
  6. Handrails are provided at the ends of the zero depth entry.

**If it is a diving pool**

- Yes No NA Will diving area dimensions comply with the minimum requirements for length, width, depth, area and other dimensions specified in Appendix A or Appendix B of Chapter VI of the Maricopa County Environmental Health Code? NOTE: The diving well profile in Appendix A does not apply to a special use pool that is intended for competitive diving and has been approved by the Department pursuant to Chapter VI, Section 10. [6-6.a]
- Yes No NA Will diving equipment be permanently anchored to the swimming pool deck? [6-6.b]
- Yes No NA Will equipment be rigidly constructed with sufficient bracing to insure stability? [6-6.b]
- Yes No NA Will supports, platforms, steps, and ladders for diving equipment be designed to carry anticipated loads? [6-6.b]
- Yes No NA Will all diving stands higher than 21 inches, measured from the deck to the top of the board, be provided with stairs or a ladder? [6-6.c]
- Yes No NA Will diving equipment have a durable finish with a surface finish that is free of tears, splinters, and cracks that may be a hazard to users? [6-6.d]
- Yes No NA Will steps and ladders leading to diving boards and diving platforms be of corrosion-resisting materials and have slip-resistant, self-draining tread surfaces? [6-6.e]
- Yes No NA Will diving boards, diving platforms, and starting blocks have slip-resistant tread surfaces? [6-6.f]
- Yes No NA Will handrails be provided at all steps and ladders leading to diving boards that are one (1) meter or more above the water? [6-6.g]
- Yes No NA Will diving boards and diving platforms that are one (1) meter or higher be protected with guard rails that are at least 30 inches above the diving board or diving platform and extend to the edge of the swimming pool wall? [6-6.h]
- Yes No NA Will a label be permanently affixed to diving boards that includes the following:

1. Manufacturer's name and address;
2. Board length; and
3. Fulcrum setting instructions. [6-6.i]

Yes No NA Will the maximum diving board height over the water be three (3) meters or less? [6-6.j]

Yes No NA Will the maximum height of a diving platform over the water be ten (10) meters or less? [6-6.j]

Yes No NA Will starting blocks be located in the deep end of a public swimming pool or where the depth of the water is at least five (5) feet? [6-6.k]

Yes No NA Will there be a completely unobstructed clear vertical distance of 13 feet above any diving board measured from the center of the front end of the board and will this clear, unobstructed vertical space extend horizontally at least eight (8) feet behind, eight (8) feet to each side, and 16 feet ahead of the front end of the board? [6-6.l]

Yes No NA Will warning markers indicating in words or symbols that diving is prohibited be placed on the deck within 18 inches of the side of the pool in the shallow area (5 ft <)? [3-22.a]

**If gaseous disinfection is used**

Yes No NA If gaseous disinfectants are used (NOTE – not permitted for spas), is an enclosure provided that meets all of the following:

1. The chlorinator, chlorine cylinders and associated chlorination equipment are located in a separate well-ventilated enclosure at or above ground level.
2. The enclosure is reasonably gas-tight, noncombustible and corrosion-resistant.
3. The door of the enclosure opens to the outside, but does not open directly toward the swimming pool. [4-3.a & 9-5]

Yes No NA If gaseous chlorination equipment is placed in a room, are all of the following met:

1. An exhaust fan or gravity ventilation system is provided. [4.3.b]
2. If an exhaust fan is used, the system meets all of the following (NOTE – Facilities that provide chlorine containment and chlorine scrubber units approved by the local regulatory agency are considered to be in compliance with this requirement [4-3.g]):
  - A. The suction intake is six (6) inches or less above the floor.
  - B. It discharges through corrosion-resistant louvers.
  - C. It discharges to a safe outside location which is normally unoccupied and which is away from the swimming pool.
  - D. The fans are capable of completely changing the air in the room at least once per minute. [4.3.b]
3. If a gravity ventilation system is used, does the system meet all of the following (NOTE – Facilities that provide chlorine containment and chlorine scrubber units approved by the local regulatory agency are considered to be in compliance with this requirement [4-3.g]):
  - A. It is designed to discharge to the outside from floor level.
  - B. Fresh air intakes are located no closer than three (3) feet above the ventilation discharge.
  - C. It discharges to a safe outside location which is normally unoccupied and which is away from the swimming pool. [4-3.b]

4. Electrical switches to control lights and ventilation systems in the chlorine room are located on the outside of the enclosure and adjacent to the doors. [4-3.c]
5. Chlorine cylinders are kept in an upright position and securely anchored. [4-3.d]
6. Chlorine cylinders are stored away from all of the following:
  - A. direct sunlight;
  - B. elevators;
  - C. ventilation systems;
  - D. heat sources [4-3.d]
7. The door on the chlorine room will meet the following requirements:
  - A. The door will have a warning sign on the outside, with letters at least three (3) inches high, cautioning of the dangers of chlorine gas within the enclosure?
  - B. A window of shatter resistant inspection window is installed in the door. [4-3.e]
8. The chlorinator meet all of the following requirements:
  - A. The chlorinator is a solution feed type.
  - B. The chlorinator is capable of delivering chlorine at its maximum rate without releasing chlorine into the atmosphere.
  - C. The chlorinator is designed to prevent the backflow of water into the chlorine solution container. [4-3.f]
9. If a common chlorine gas disinfection system is utilized for separate swimming pools, are separate metering and feeding devices provided for each swimming pool? [4-3.h]
10. Is the addition of gaseous disinfectant directly into the pool avoided? [4-3.i]

**If Bathhouse and Dressing Room Facilities Are Required**

- |     |    |    |  |
|-----|----|----|--|
| Yes | No | NA | Is the general layout of bathhouse such that bathers leaving the dressing room pass the toilets and showers in sequence before entering the pool? [5-1.a]  |
| Yes | No | NA | Are separate dressing rooms provided for each sex and equipped with baskets or other checking facilities adequate for the maximum number of people to be accommodated? [5-1.b]   |
| Yes | No | NA | Are all entrances to, and exits from, the dressing rooms effectively screened to interrupt the line of sight of persons outside the dressing rooms. [6-1.c]  |
| Yes | No | NA | Are walls and partitions of dressing rooms, locker rooms, toilets and showers light colored, smooth, nonabsorbent and easily cleanable? [5-1.d]  |
| Yes | No | NA | If concrete or pumice blocks is used for interior wall construction in these locations, is it finished and sealed to provide an easily cleanable surface? [5-1.d]  |
| Yes | No | NA | Are partitions designed so that a waterway is provided between partitions and the floor to permit thorough cleaning of the walls and floor areas with hoses and brooms? [5-1.d]  |
| Yes | No | NA | Are floors of non-slip construction, free of open cracks, uncarpeted, and sloped not less than one-fourth (1/4) inch per one (1) foot toward adequate drains so that the surface will be free of standing water and puddles? [5-1.e] |
| Yes | No | NA | Is all furniture of simple character and easily cleanable? [5.1f]  |

Yes No NA Are locker compartments, partitions, booths, furniture and other appurtenances to dressing rooms installed or raised above the floor to permit thorough cleaning and flushing down the dressing rooms and bathhouse interior? [5.1f]

Yes No NA Are enough hose bibbs provided in the bathhouse so that all parts of the floor and walls may be reached with a 50-foot hose and is each hose bibbs protected against back siphonage with an atmospheric vacuum breaker. [5-1.g]

Yes No NA Are dressing rooms, toilets and showers provided with adequate lighting and ventilation? [5-1.h]

Yes No NA Are toilet facilities provided for each sex in accordance with the table below: [5-1.i]

Men	One (1) toilet and one (1) urinal shall be provided for each 100 bathers or fraction thereof.
Women	- One (1) toilet shall be provided for each 50 bathers or fraction thereof, but in no case shall be less than two (2) toilets provided. - Sanitary napkin dispensers and a covered waste receptacle shall be installed in toilet or shower areas designated for female users.

Yes No NA Are shower and hand washing facilities with hot and cold water and soap provided for each sex in accordance with the table below: [5-1.i]

Men	- One (1) shower shall be provided for each 50 bathers or fraction thereof. - A minimum of two (2) showerheads shall be provided in each dressing room.
Women	- One (1) lavatory with unbreakable mirror for each 100 bathers or fraction thereof. - An additional one (1) lavatory and unbreakable mirror shall be provided for each additional 100 users or fraction thereof. - Soap dispensers for providing either liquid or powdered soap shall be provided at each lavatory. - Soap dispensers shall be made of metal or plastic with no glass permitted.

Yes No NA Is only tempered water provided for all showerheads? [5-1.j]

Yes No NA Are the water heater and thermostatic mixing valve inaccessible to bathers and capable of providing two (2) gallons per minute of 90°F water to each showerhead? [5-1.j]

**If Rim Or Gutter Overflow Collection Systems Are Used**

Yes No NA If a rim type overflow system is used in the pool, will it meet all of the following requirements:

1. The overflow system is installed on at least two (2) opposite sides and has a total length of at least 50 percent of the perimeter of the pool.
2. The system is capable of carrying 50 percent of the design capacity of the recirculating system.
3. The surge tank is equipped with float controls regulating the main drain, fill line and overflow.

4. The surge tank has a capacity in gallons equal to the surface area of the pool measured in square feet. [6-2.b]

Yes No NA If an overflow gutter type of system is used in the pool, will it meet all of the following requirements:

1. The gutter is installed continuously around pools with the lip of the gutter level throughout its perimeter.
2. The gutters are provided with sufficient opening at the top and width at the bottom to permit easy cleaning.
3. The gutter bottom is pitched one-quarter (1/4) inch per foot to drainage outlets located at intervals as approved by the Department.
4. The outlet piping is sized to circulate at least 50 percent of the capacity of the circulating system and have a properly installed approved cover.
5. The surge tank is equipped with float controls regulating the main drain, fill line and overflow.
6. The surge tank has a capacity in gallons equal to the surface area of the pool measured in square feet. Stainless steel gutters and other specialty gutter systems may be used if they are hydraulically equivalent to overflow gutters. [6-2.c]