PUBLIC SWIMMING POOL/SPA PLAN REVIEW REQUIREMENTS



TARRANT COUNTY PUBLIC HEALTH ENVIRONMENTAL HEALTH

5001 N. RIVERSIDE DR., STE. 105 • FORT WORTH, TX • 76137 817-248-6299

Information on the attached checklist is required so that the Tarrant County Public Health Department can thoroughly review a proposed pool/spa project. <u>One</u> complete set of drawings, checklists and other submittals must be provided. All drawings must be to scale and in sufficient detail to completely illustrate construction. <u>ALL CONSTRUCTION AND EQUIPMENT MUST COMPLY WITH TITLE 25 HEALTH SERVICES</u>, PART 1 DEPARTMENT OF STATE HEALTH SERVICES, CHAPTER 265 GENERAL SANITATION, SUBCHAPTER L PUBLIC SWIMMING POOLS AND SPAS AND SUBCHAPTER M PUBLIC INTERACTIVE WATER FEATURES AND FOUNTAINS.

What to Submit -

- 1. Provide manufacturer specification sheets for all pumps, filters, disinfectant & chemical feeders, skimmers, inlets, and drains; indicate manufacturer and model number for all equipment.
- 2. A site plan showing the pool in relation to the surrounding area and structures. Indicate the number of stories in any living units associated with the pool facility. Indicate if elevators are present in living units.
- 3. Both plan and cross-sectional views of the pool. Cross-section should show details of the pool's radius of curvature at shallow, breakpoint and deep ends. It should also show the pool floor slope and sidewall details; include locations of depth markings.
- 4. Provide detailed information on the pool deck including dimensions, materials, and locations for drains, locations for depth markings, slopes, and type of non-slip finish.
- 5. Provide a detailed view of the equipment room showing equipment layout, floor drains, floor slope, and details for proposed chemical storage.
- 6. When showers and restrooms are required, provide a view of the rooms showing all fixtures, materials, and locations for floor drains.
- 7. Complete details for all protective barriers including construction details, materials, dimensions and hardware.
- 8. Provide a complete pool piping schematic indicating piping materials, sizes, inlet details, main drain details, skimmers, and all other appurtenances to the piping system.
- 9. Indicate proposed lighting intensities for pool, deck, shower rooms and equipment room.
- 10. Provide the preconstruction engineering letter.

INCOMPLETE SUBMITTALS WILL NOT BE PROCESSED

Definitions ☐ Class A pool - Any pool used, with or without a fee, for accredited competitive aquatic events such as Federation Internationale De Natation Amateur (FINA), United States Swimming, United States Diving, National Collegiate Athletic Association (NCAA), National Federation of State High School Associations (NFSHSA), events. A Class A pool may also be used for recreation. ☐ Class B pool - Any pool used for public recreation and open to the general public with or without a fee. ☐ Class C pool - Any pool operated for and in conjunction with: (i) lodging such as hotels, motels, apartments, condominiums, or mobile home parks; (ii) property owner associations, private organizations, or clubs; or (iii) a school, college or university while being operated for academic or continuing education classes. The use of such a pool would be open to occupants, members or students, etc. and their guests but not open to the general public. ☐ Class D pool - A wading pool with a maximum depth of two feet at any point. ☐ Class E pool - A special purpose pool such as wave or surface action pools, catch pools, leisure rivers, interactive play attractions, vortex pools and other such pools used primarily for aquatic attractions. ☐ Spa - A constructed permanent or portable structure that is 2 feet or more in depth and that has a surface area of 250 square feet or less or a volume of 3250 gallons or less and that is intended to be used for bathing or other recreational uses and is not drained and refilled after each use. It may include, but is not limited to, hydro jet circulation, hot water, cold water, mineral baths, air induction bubbles or any combination thereof. A spa, as is defined in these rules, does not refer to a business establishment such as a day spa or a health spa. Industry terminology for a spa includes, but is not limited to, "hydrotherapy pool," "whirlpool," "hot spa," "hot tub," etc. A spa does not include a residential spa. ☐ Aquatic Activity Device (AAD) - Special aquatic activity device - An interactive play device, such as a slide, spray stream or similar item, utilizing water that is recirculated. ☐ Therapeutic Pool or Spa (TPS) - A pool or spa that is operated exclusively for therapeutic purposes, such as physical therapy, and is under the direct supervision and control of licensed medical personnel. A new facility shall be required to meet the applicable construction standard that is most restrictive to its use. All State and Local requirements must be met before a health permit is issued for operation. Approval of Planning Materials — Approval by this Department is not intended to convey acceptance of any mistake or omission contained within

the planning materials. Proper development is the responsibility of the owner and all applicable laws, rules and regulations shall be strictly adhered to.

Changes from Approved Planning Materials

Failure to secure written approval for changes/deviations from approved planning materials may result in:

- Non-compliance with Tarrant County Public Health requirements
- Significant rework of non-conforming facilities and equipment
- · Delay of project completion
- Additional health department fees

PUBLIC SWIMMING POOL/SPA PLAN REVIEW REQUIREMENTS

The following requirements represent minimal health code requirements, and are not considered all inclusive of all requirements.

General Project Information ———				
Project Name:	Class: A, B, C, D, Spa, AAD, TPS:			
Address:	— Indoor: 🗖	Outdoor:		
Owner Name:	Estimated Completi	ion Date:		
Address:	Architect/Engineer:			
Phone:				
FAX:	Phone:			
Email:	FAX:			
	Email:			
General Contractor:	— Pool Contractor:			
Address:				
Phone:				
FAX:				
Email:				
Project Responsible Individual ——				
Name:	Title: _			
Address:				
Phone: Email:				
I certify that the foregoing data is true statemen	t of facts pertaining to this p	roject as it is to be constructed.		
Signature:		Owner Authorized Agent		

Must be signed by owner or owner's agent must provide written authorization from owner.

The owner hereby agrees to construct the project in accordance with the approved plans and data sheets.

Insi	pections	Red	uired
	Poduoiio		 411 0 4

The following inspections are mandatory and further work may not proceed until satisfactory compliance with health code requirements has been verified and continued construction has been authorized in writing by this Department.

- 1. Contact the plans examiner to schedule a **pre-gunite inspection**.
- 2. Contact the plans examiner at to schedule a **pre-plaster inspection**.
- 3. Contact the plans examiner at to schedule a preliminary inspection at least seven days before construction is completed.
- 4. Contact the plans examiner at to schedule a **final inspection** to permit the facility.

Specific	Swimming	Pool/Spa	Design	Characteristics
	- J			

Specific S	wimn	ning Poo	ol/Spa De	esign Ch	aract	eris	stics —					
Pool Shape:		Pool Dime	nsions:	Pool Depth	:		Pool Capac	city		Pool Surfa	ace Ar	ea:
Rectangular		Length	ft.	Deep		ft.		Gallor	ıs	Total		ft. ²
Circular		Width	ft.	Shallow		ft.				Shallow		ft. ²
Oval				Average		ft.				Deep (>5f	t.)	ft. ²
Other]								Diving		ft. ²
Basin	Con		Basin	Constructi	on D	Pool C	`olor		Deck	<	Con	struction

Basin Foundation Material	Construction	Basin Foundation Material	Construction	Pool Color	Deck Surfacing	Construction
Gunite		Painted Concrete		White	Concrete	
Concrete		Plaster		Blue	Tile	
Other		Other		Other	Other	

Square feet of deck provided	Deck rate of slope:
Maximum bather load: Shallow Area	Deep Area Diving Area Spa
What is the pool floor slope from the shallow are	ea to areas deeper than 5 feet?
If pool does not have a uniform floor slope from	shallow area to deep areas,what is the slope of
transition zone? Is a 4 inch m	narking stripe provided? yes 🔲 no 🔲
Radius of floor to wall curvatures at the shallow	end: , breakpoint , and deep end .

Entries and Exits
What is the vertical distance from the deck surface to the bottom of the pool at the shallow end of the pool?
Is an entry/exit provided in the shallow and deep ends of the pool? yes ☐ no ☐
Are entries/exits provided no further apart than 75 feet around the pool perimeter? yes ☐ no ☐
In pools wider than 30 feet are entries/exits provided on opposite sides in the deep portion of the pool? yes \square no \square
Stairs and Steps
Show all dimensions and details in the design plan.
Non-slip tread finish? yes ☐ no ☐
Are the edges of submerged step treads a contrasting color? yes no
If handrails are installed, does the leading rail edge end within 8 inches of the bottom step's riser? yes \square no \square
Will the handrails extend deeper than 3 feet into the water? yes ☐ no ☐
Depth of step tread inches (minimum is 12 inches)
Riser height of: 1st step inches 2nd step inches bottom step inches (must be uniform in height)
Width of steps inches (minimum is 20 inches)
Ladders with Ladder Tread
Provide manufacturers specification sheet for models used in project.
If ladders are installed, will the space between the pool wall and ladder treads exceed 3.5 inches? yes \square no \square
Will the space between the pool wall and ladder hand rails exceed 5 inches? yes ☐ no ☐
Depth of ladder tread inches (minimum is 1.5 inches)
Ladder step height between treads inches (between 7 inches and 12 inches)
Ladder tread width inches (between 17 inches and 24 inches)
Step distance from deck to first ladder tread inches (not greater than 12 inches)
Ladders with Recessed Steps
Depth of ladder step inches (minimum is 4.5 inches)
Ladder step height between steps inches (between 7 inches and 12 inches)
Ladder step width inches (minimum 12 inches)
Recessed steps sloped to drain into pool? yes no
Step distance from deck to first ladder step inches (not greater than 12 inches)

Submerged Seats and Benches					
Show all dimensions and details in the design plan.					
Are any submerged seats, benches or lounging areas to be provided? yes 🔲 💮 no 🔲					
Will the edges be a contrasting color? yes ☐ no ☐					
Diving Boards and Slides Provide complete details and drawings if pool will be equipped with diving boards and/or slides. Refer to TAC 265.186 pages 27-29 of the Standards for Public Swimming Pools and Spas. Provide all necessary dimensions and installation details. If a diving board is used, provide information on tread surface, handrails and guardrails					
in design plans.					
Slides must conform with CPSC standards and must be approved by manufacturer for use at commercial facilities. Large slides and other amusement devices may be regulated under Texas Occupations Code, §2 I 51.002 (relating to the Amusement Ride Safety Inspection and Insurance Act) and 28 TAC §§5.9001-5.9014, Subchapter J, Rules to Implement the Amusement Ride Safety Inspection and Insurance Act. Please contact the Texas Department of Insurance at 1-800-578-4677 for more information.					
Barrier Protection					
Design plan must show details of barrier construction.					
Minimum barrier height: inches					
Is gate or door self-closing and self-latching? yes ☐ no ☐					
Does gate or door swing opens to outside of the pool enclosure? yes ☐ no ☐					
Height to access latch: inches If access latch is lower than 42 inches, is the latch one that remains continuously locked and opens with a key or other access system?					
Are all pool gates/doors lockable for periods of non-use? yes 🔲 no 🔲					
Distance barrier vertical members (pickets) are apart: meters					
Distance barrier horizontal members (rails) are apart: inches					
Are climbable structures within 3 feet of the outside of the pool barrier? yes \(\begin{align*} \text{no } \equiv \equiv \text{no } \equiv					
Is the pool at an apartment or condominium community? yes ☐ no ☐ If yes, please refer to the Texas Health and Safety Code Chapter 757 for barrier requirements.					
Water Supply ———————————————————————————————————					
Name of public water supply serving this facility:					
Is a minimum 2 pipe diameter air gap (or other backflow prevention device) used between the make-up water source and the pool recirculation system? yes no Specify Specify					
Are there any submerged makeup water inlets? yes no Specify					
Will any pump priming devices be used? yes ☐ no ☐ Specify					

Recirculation System ————————————————————————————————————
Pump Mfg Model # Horsepower
Flow Rate Capacity gpm @ feet of head.
Feet of head in system Show method and details of calculation on plans.
Is a copy of the pump curve provided? yes ☐ no ☐
Is the pump below the water level? yes ☐ no ☐ If yes, can the pump be isolated by valves for service? yes ☐ no ☐
Is a hair/lint strainer provided upstream of the pump? yes ☐ no ☐
Is a vacuum gauge provided immediately upstream of the pump? yes ☐ no ☐
Number of inlets Pipe size for inlets Flow capacity per inlet gpm.
Skimmer Mfg Model# Length of weir inches.
Number of skimmers Type/Size of pipe with a flow velocity of in/sec.
Maximum flow capacity for all skimmers gpm. (Must equal JOO% of total recirculation flow rate.)
Do fountains draw water from the pool? yes \square no \square Is a booster pump provided on the spa? yes \square no \square
Are a minimum of 2 main drains shown on plans with a minimum spacing of 3 feet? yes \(\bigcup\) no \(\bigcup\)
Number of main drains Type of pipe
Size of pipe with a flow velocity of feet/second
Spacing between drains is feet (minimum 3 feet)
Square inches of opening per drain sump
Maximum flow velocity through main drain feet/second. (assuming 100% flow through one drain)
Are any dual sets of suction outlets/main drains located in areas with a water depth of 4 feet or less? yes \(\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Are check valves planned for installation on the recirculation system? yes 🔲 no 🔲 Specify
Vacuum cleaning system suction source will come from: ☐ skimmers ☐ vacuum port ☐ other

ireatment System
Filtration:
Filter Mfg Model # Type of media (rapid sand, d.e., cartridge, etc.)
Square feet of filter N.S.F. approved? yes 🔲 no 🔲 Number of filters
Flow rating gpm
Are pressure gauges provided before and after the filter? yes ☐ no ☐
Are both automatic and manual pressure relief valves provided on the filter? yes 🔲 no 🔲
Are operating instructions permanently installed on the filter's exterior surface? yes no
Is a warning statement not to start up the system after maintenance without first opening the air release and properly reassembling the filter and/or separation tank included? yes \(\begin{align*}\) no \(\begin{align*}\)
Are the instructions and warning clearly visible from the filter's air valve and startup controls? yes 🔲 no 🔲
<u>Disinfection:</u>
Feeder Mfg Model# N.S.F. approved? yes no
Active Agent (chlorine, bromine, other)
What form of disinfectant will be used? (solid, liquid, granular, gas)
Maximum amount of disinfectant which feeder can dispense per day lbs/day
Does feeder have automatic shut-off in case recirculation flow is interrupted? yes ☐ no ☐
Check valves installed to prevent feeding/siphoning when circulation system is off? yes ☐ no ☐
Chemical Feeders:
Feeder Mfg Model # N.S.F. approved? yes no
Material handled by feeder (soda ash, muratic acid, other)
Does feeder have automatic shut-off in case recirculation flow is interrupted? yes ☐ no ☐
Check valves installed to prevent feeding/siphoning when circulation system is off? yes ☐ no ☐
<u>Heaters:</u>
Heater Mfg Model # B.T.U. Rating
Does heater have automatic shut-off in case recirculation flow is interrupted? yes ☐ no ☐
Chemical Storage
Are disinfectants or other chemicals and feed equipment shall be stored in such a manner that pool and spa users shall not have access to such facilities and/or chemicals? yes \square no \square
Show storage facility location and details in plans.
Will dry chemicals shall be stored off the floor in a dry, above ground level enclosure and protected against flooding, or wetting? yes \(\begin{align*}\) no \(\begin{align*}\)

Restroom, Dress	and Rooms and	I PIIIMBING FIX	tures			
Design plan must show	v dimensions, equipn	nent layout, surface	finish schedule for a	ıll restrooms, dressing		
rooms, shower rooms. Indicate floor slope, location of floor drains, all fixtures. Facility Class: A, B, C, D, Spa, AAD, TPS:						
•	_		minium communitu?	ves 🗖 no 🗖		
Is the pool/spa located			ninium community?	yes 🗖 110 🛅		
Use restricted to lodge						
Number of users at fac	ility during periods of	maximum use? Fe	males Males _	<u></u>		
Fixture	Uni-Sex	Female	es	Males		
Water Closets						
Urinals						
Lavatories						
Showers						
Baby Changing Table				•		
Water Fountain						
Waste Disposal						
Backwash and sewage	e will be disposed into	o: public sewer	onsite sewage	system facility 🗖.		
Sumps and receiving p	pipes have sufficient o	capacity to receive b	oackwash without ov	erflowing? yes 🔲 no 🔲		
Will a 2 pipe diameter a	air gap be provided be	etween the backwas	h pipe and the sewer	connection? yes 🔲 no 🔲		
Will the backwash disc						
yes no no	narge se eachy esce	Trable by the opera		and Gyotom Controls.		
If a diatomaceous earth	h filter is installed, wi	l a separation tank	be provided? yes 🔲	no 🔲		
Lighting —						
Design plan must show Indicate lighting fixture	•	•	ht fixture provided in	pool, spa and deck areas.		
Area	Square Feet of Area	Fixture Total	Watts per Fixture	Total Watts		
Pool						
Spa						
Deck						
Will at least 0.5 watts li	ighting per square foo	ot be provided in the	e first three areas no	ted above? yes ☐ no ☐		
Are submerged light fix	ctures equipped with	ground fault circuit i	interrupters (GFCI)?	yes 🔲 no 🗬		
Will the bottom of the po	ool/spa be illuminated	d sufficiently to be vi	sible during periods o	of darkness? yes 🔲 no 🔲		

Electrical
Design plan must show location of all electrical outlets, switches, and electrical service lines in the pool, spa, deck, dressing room, toilet and shower room areas.
Name of licensed electrician who will certify pool/spa basin is properly bonded and related electrical facilities
satisfy NEC 2002 standards. Name: License #
Will electric switches or outlets be installed between 5 feet and 10 feet from the pool or spa? yes \square no \square
Will overhead electrical wires be present above the pool, spa or pool enclosure area? yes \square no \square
Will underground electrical wires be present in the pool, spa, or pool enclosure area? yes \square no \square
Is a circuit shut-off switch provided in the equipment room/enclosure? yes \square no \square
Will a 15 minute timer switch be provided for the spa blower/booster pump? $_{yes}$ \square $_{no}$ \square If yes, indicate on design plan the location.
Emergency Equipment
Design plan must show location of emergency telephone and all life saving equipment.
Emergency Phone:
Is emergency telephone within 200 ft. of pool or spa? yes ☐ no ☐
Is emergency telephone installed outside of pool/spa enclosure? yes $lacktriangle$ no $lacktriangle$
Is emergency telephone located inside the facilities office? yes \square no \square
Is the emergency telephone capable of directly contacting an official emergency services provider? yes \square no \square
Life Rings & Body Hooks:
Will a U.S.C.G. approved life ring with attached throwing line be provided? yes ☐ no ☐
Will a body hook with a minimum 12 feet non-conductive, non-telescoping pole be provided? yes 🗖 no 🗖
Is the water surface area of pool and spa more than 2000 ft²? yes ☐ no ☐ If yes, what is the total area?
If lifeguards are provided, will rescue tubes or buoys be provided at each station? yes $lacktriangle$ no $lacktriangle$

Signage	
Design plan must show location of all signage/markers in pool area and upon deck surface/pool Provide one exemplar for each type of sign/marker noted below used in the project.	wainscot.
Signs Inside Pool/Spa Enclosure Indicate which of the following signs will be provided.	
"WARNING - NO LIFEGUARD ON DUTY" (4 inch letters).	yes 🔲 no 🗬
"NO DIVING" and symbol (4 inch letters and symbol).	yes 🔲 no 🗬
"CHILDREN SHOULD NOT USE POOL/SPA WITHOUT ADULT SUPERVISION" (2 inch letters).	yes 🗖 no 🗖
"IN CASE OF EMERGENCY, CALL 911" (1 inch letters).	yes 🔲 no 🗬
"DO NOT USE SPA IF THE WATER TEMPERATURE IS ABOVE 104°F (40°C)" (1 inch letters).	yes 🗖 no 🗖
"Emergency Spa Shutoff' (1 inch letters).	yes 🗖 no 🗖
Directions to nearest telephone or emergency summoning device. (If not visible from pool/spa).	yes 🗖 no 🗖
Maximum user load for spa and pool.	yes 🗖 no 🗖
Signs/Markers on Deck Surface and Pools Wainscot Indicate which of the following signs/markers will be provided. Depth markers provided on deck and pool sidewalls. Construction: (stickers or painted depth markers are not allowed)	yes ☐ no ☐
Size: (minimum 4 inches)	🗖 🗖
Units of Measurement: (minimum 4 inches)	yes 🗆 no 🗖
Contrasting Color:	yes 🔲 no 🔲
Non-slip Surface:	yes 🗖 no 🗖
"NO DIVING" on deck surface.	yes 🗖 no 🗖
International "No Diving" symbol immediately adjacent to wording above.	yes 🗖 no 🗖
Construction: (stickers or painted signs are not allowed)	
Size: (minimum 4 inches)	vos 🗆 no 🗖
Contrasting Color:	yes I no I
Non-slip Surface:	yes 🔲 no 🖵

TEXAS DEPARTMENT OF STATE HEALTH SERVICES CONSTRUCTION STANDARDS FOR PUBLIC POOLS AND SPAS

www.tdh.state.tx.us/beh/gs

Legend: • = applicable r = recommended • = optional, must meet code if provided

1.	PLANNING MATERIALS	SEC.265 183	Α	В	С	D	SPA	AAD	TPS
	Plans and specifications submitted for Dept. review/approval	page 18	•	•	•	•	•	•	•
	Registered engineer/architect consulted to verify plan compliance		r	r	r	r	l l r		
	No construction activity until Health Dept. authorization		•	<u>'</u>	<u> </u>				
	The construction activity until Ficaltit Dept. activity activity								
2.	CONSTRUCTION INSPECTIONS/PERMITTING		Α	В	С	D	SPA	AAD	TPS
	Static hydraulic pressure test completed prior to deck pour		•	•	•	•	•	•	•
	Inspection completed prior to gunite application/cement pour		•	•	•	•	•	•	•
	Inspection completed prior to plaster application		•	•	•	•	•	•	•
	Pre-operational inspection conducted ≥ 7 days before operation		•	•	•	•		•	•
	Final construction approved and permit secured prior to operation		•	•	•	•	•	•	•
		•					•		
3.	GENERAL/STRUCTURAL DESIGN	Sec. 265.184 page 19	Α	В	С	D	SPA	AAD	TPS
	NSFI Standard: 50 conformance for equipment		•	•	•	•	•		
	Industry standard materials used for pool/spa construction		•	•	•	•	•		
	Interior color of basin white or light tint (8 inch black disk test)		•	•	•	•	•		
	Hydrostatic relief valve required if ground water is detected at site		•	•	•	•	•		
	Interior surfaces shall be smooth, cleanable, and slip-resistant		•	•	•	•	•		
4.	DIMENSIONAL DESIGN	Sec. 265 .184 page I 9	Α	В	С	D	SPA	AAD	TPS
	Basin design free of entrapment and other hazards		•	•	•	•	•		
	Pool/spa shall be designed to meet anticipated user loads		•	•	•	•	•		
	Basin wall slope of 11° from plumb maximum			•	•				
	Basin wall slope of 1° from plumb maximum (race lanes)		•						
	Wall-to-Floor juncture radius of ≥ 4.5 feet in depths > 8 feet			•	•				
	Wall-to-Floor juncture radius of ≥ 2.5 feet in depths > 3 feet			•	•				
	Floor slope from shallow to deep water drop off: < 1 foot to 10 feet			•	•				
	Floor slope of deep water drop off: < 1 foot in 3 feet			•	•				
	Floor slope in zero depth designs < 1 foot in 12 feet to depth of 1.5 feet			•	•				
	Visual separation (4 inch band,) for water < 3 feet in depth			•	•				
	Visual separation (4 inch band,) for water > 5 feet in depth			•	•				
	Offset ledges: ≤ 8 inches; within 11° of plumb			•	•				
	Underwater seating: width ≤ 18 inches			•	•		•		
	Underwater seating: depth ≤ 24 inches			•	•		•		
	Underwater seating located outside diving envelope			•	•		•		
	Submerged seating top front edge visually separated by 1 inch band			•	•		•		
	Underwater seating must have integral stairs if used a entry/exit				•				

5.	WATER LOUNGES	Sec. 265 .184 page 21	Α	В	С	D	SPA	AAD	TPS
	Seating is horizontal and ≥ 20 inches wide and ≥ 36 inches long		*	•	•	•	+		
	Seating area is ≥ 10 feet²		*	•	•	•	+		
	Lounge seating is between 2 inches to 10 inches in depth		•	•	+	•	+		
	Submerged seating front edge visually separated by 1 inch band		•	•	•	•	+		
	Seating surfaces are slip-resistant		*	•	•	•	+		
	Lounge located in areas of ≤ 4 feet in depth		*	•	•	•	+		
	Lounge located outside of any diving envelope		*	•	•	•	+		
	Final construction approved and permit secured prior to operation		*	•	•	•	•		
								-	
6.	WADING POOL SPECIAL REQUIREMENTS	Sec. 265. 184 page 22	Α	В	С	D	SPA	AAD	TPS
	Depth ≤ 24 inches					•			
	15 feet setback from shallow end of pool or enclosed by fencing					•			
	Enclosed by fencing if within 35 feet of deep end of pool					•			
	Clear visibility through fencing must be provided					•			
	Step down ≤ 18 inches from deck to bottom of pool/seat					•			
	Floor pitch ≤ 1 foot/12 feet					•			
7.	DECKS	Sec. 265 .186 page 23	Α	В	С	D	SPA	AAD	TPS
	Class A pools must conforming to sanctioning body's requirements		•						
	Class B pools: ≥ 6 feet wide			•					
	Class C pools: ≥ 4 feet wide				•				
	Class D pools: ≥ 4 feet wide					•			
	Spas: minimum 4 feet wide for ≥ 50 percent of spa perimeter						•		
	Diving Platforms: ≥ 4 feet wide for sides and rear		•	•	•				
	All Other Deck Equipment: ≥ 3 feet wide		•	•	•	•	•		
	Wood decks or carpeting on deck areas above not permitted		•	•	•	•	•		
	Site graded to drain away from pool		•	•	•	•	•		
	Deck pitch (maximum) ≤ ½ inch per foot		•	•	•	•	•		
	Deck pitch (smooth concrete) ≥ 1/8 inch per foot		•	•	•	•	•		
	Deck pitch (other deck treatments/coatings) ≥ 1/4 inch per foot		•	•	•	•	•		
	Deck drains cannot connect to pool circulation system		•	•	•	•	•		
	Deck joints are sealed and watertight		•	•	•	•	•		
	Deck valve box pits ≥ 10" width and provided with covers		*	•	•	•	+		
	Hose bibbs and hose adequate for deck sanitation		•	•	•	•	•		

8.	ENTRY/EXIT	Sec. 265. 186 page 25	Α	В	С	D	SPA	AAD	TPS
	Pool basin to deck step up ≤ 18 inches counts as shallow exit	pago 20		•					$\vdash \vdash \vdash$
	Minimum two entry/exits: 1) shallow end 2) deep end		•	•	•	•			
	Pools 30 feet or wider require entry/exits on opposite sides		•	•	•	•			
	Entry/exits provided every 75 feet of pool wall length or fraction of		•	•	•	•			
а.	STEPS	Sec. 265. 186 page 25	Α	В	С	D	SPA	AAD	TPS
	Tread depth ≥ 12 inches		•	•	•	•	•		
	Tread width ≥ 20 inches		•	•	•	•	•		
	Riser height ≤ 10 inches		•	•	•	•	•		
	Visual warning strip (1 inch) underwater steps		•	•	•	•	•		
	Step handrails required at any pools with lifeguard mandate		•	•					
	Handrails terminate within 8 inches of last step		•	•	•	•	•		
	Handrails extend ≤ 36 inches in depth		•	•	•	•	•		
	Outside diameter of handrails ≤ 1.25 inches and ≥ 2 inches		•	•	•	•	•		
b.	LADDERS WITH LADDER TREAD	Sec. 265 .186 page 26	Α	В	С	D	SPA	AAD	TPS
	Wall clearance for submerged treads is 3.5 inches or less		•	•	•	•	•		
	Wall clearance for submerged hand rails is 5 inches or less		•	•	•	•	•		
	Handrails on each side of ladder treads		•	•	•	•	•		
	Ladder width to 17 inches to 24 inches		•	•	•	•	•		
	Ladder step tread is ≥ 1.5 inches deep	1	•	*	•	•	•		
	Ladder step height is 7 inches to 12 inches		•	•	•	•	•		
	Spacing from deck/coping 12 inches maximum.		•	*	•	•	•		
С.	LADDERS WITH RECESSED STEPS	Sec. 265 .186 page 26	Α	В	С	D	SPA	AAD	TPS
	Spacing 7 inches to 12 inches between steps		•	*	•	•	•		
	Spacing from deck/coying 12 inches maximum		*	*	•	•	•		
	Step depth 4.5 inch minimum		*	*	•	•	•		
	Step width 12 inch minimum		•	*	•	•	•		
	Tread sloped to drain into pool		•	*	•	•	•		
	Handrail provided on each side		•	*	•	•	•		
d.	SWIMOUT	Sec. 265 .186 page 27	Α	В	С	D	SPA	AAD	TPS
	Located completely outside the perimeter shape of the pool		•	•	•	•	•		
	Maximum depth of 20 inches, unless stairs are provided		•	•	•	•	•		
	If used as entry/exit steps must be provided		*	*	•	•	•		
	Adequate circulation provided in swimout, inlets, outlets, etc.		*	*	•	•	•		
9.	DIVING FACILITY	Sec. 265. 186 page 27-29	Α	В	С	D	SPA	AAD	TPS
	See requirements listed in DSHS pool regulations		•	*	•				
		1							
10.	PLAY EQUIPMENT/WATER SLIDES	Sec. 265. 186 page 29	Α	В	С	D	SPA	AAD	TPS
	Design and installation meet CSPC standards	1	•	*	•	•	•		

11.	CIRCULATION SYSTEM	Sec. 265. 187 page 30-32	Α	В	С	D	SPA	AAD	TPS
a.	TURNOVER	Sec. 265. 187 page 30	Α	В	С	D	SPA	AAD	TPS
	Turnover rate for pools ≥ 4 feet depth - 6 hours		•	•	•				•
	Turnover rate for pools< 4 feet depth - (average depth xs 1.5)		•	•	•				•
	Turnover rate for spas - 30 minutes					•	•		•
	Turnover rate for wading pool - 1 hour								•
b.	FLOW VELOCITY	Sec. 265. 187 page 30	Α	В	С	D	SPA	AAD	TPS
	Discharge flow velocity maximum of 10 feet per second		•	•	•	•	•		•
	Suction flow velocity maximum of 6 feet per second		•	•	•	•	•		•
	Suction outlet/grate flow velocity maximum of 1.5 feet per second		•	•	•	•	•		•
c.	PIPING, GAUGES, FLOW METERS, VALVES	Sec. 265. 187 page 30-32	Α	В	С	D	SPA	AAD	TPS
	Static pressure test at maximum design pressure up to 25 psi		•	•	•	•	•	•	•
	Piping is NSFI approved (schedule 40 +) and properly installed		•	•	•	•	•	•	•
	Piping capable of complete drainage or evacuation (freeze damage)		•	•	•	•	•	•	•
	Pressure Gauge: filter inlet; filter outlet		٠	•	•	•	•	•	•
	Vacuum Gauge: pump suction line next to pump	i	•	•	•	•	•	•	•
	Flow meter(s) provided for filter flow during filtering		•	•	•	•	•	•	•
	Labeled circulation piping with flow direction and function		•	•	•	•	•	•	•
	Valves labeled (Main drain return, skimmers, etc.)		•	•	•	•	•	•	•
d.	FILTERS, BACKWASH	Sec. 265 .188 page 32	Α	В	С	D	SPA	AAD	TPS
	Filter meets ANSI/NSFI Standard 50 requirements		•	•	•	•	•	•	•
	Filter is properly designed/installed for pool/spa		•	•	•	•	•	•	•
	Filter equipped with automatic and manual air release devices		•	•	•	•	•	•	•
	Filter operating parameters/instruction plate affixed to unit		•	•	•	•	•	•	•
	Observable waste discharge/sight glass on backwash piping		•	•	•	•	•	•	•
	Sight glasses are removable for cleaning, if used		•	•	•	•	•	•	•
e.	PUMPS AND MOTORS	Sec. 265 .189 page 32	Α	В	С	D	SPA	AAD	TPS
	Pump motor meets UL or NEMA requirements		•	•	•	•	•	•	•
	Pump priming device equipped with back flow prevention device		•	•	•	•	•	•	•
	Pump motor sized to meet filter flow rate requirements		•	•	•	•	•	•	•
	Strainer installed upstream of pump		•	•	•	•	•	•	•
	Pump motor properly designed/installed		•	•	•	•	•	•	•
	Shut off valves installed for pump removal if below pool elevation		•	•	•	•	•	•	•
f.	SUCTION OUTLETS AND RETURN INLETS	Sec. 265, 190 page 33-36	Α	В	С	D	SPA	AAD	TPS
	Suction outlet covers compliant with ANSI/ASME A112.19.8M		•	•	•	•	•	•	•
	Suction outlet grates diagonal measurements of ≥ 24 inches		*	*	*	*	•	•	•
	Dual suction outlets provided for each separate pump system/line		٠	•	•	٠	•	•	•
	Suction outlets spaced 3 feet to 5 feet apart from each other		٠	•	٠	٠	•	•	•
	Suction drain outlets installed ≤ 15 feet from side walls		•	•	•	•	•	•	•
	Suction drain outlet installed ≤ 20 feet from center of pool		•	•	•	•	•	•	•
	Suction drain outlet flow balanced		•	•	•	•	•	•	•
	Suction drain outlet without branch adjustment valves		•	•	•	•	•	•	•
	Suction outlet covers/grates require tools to remove		•	•	•	•	•	•	•

g.	SUCTION VACUUM RELEASE SYSTEM (SVRS)	Sec. 265. 190 page 35	Α	В	С	D	SPA	AAD	TPS
	Required if 1). suction outlet water depth ≤ 4 feet and 2). drain cover < 24 inches diagonal. (18"x 18")		•	•	•	•	•	•	•
	SVRS requirement for each separate pump suction system/line		•	•	•	•	•	•	•
g.1.	Atmospheric Vent System (AVS)		Α	В	С	D	SPA	AAD	TPS
	AVS design must follow USCPSC Publication #363-009801		*	•	•	*	•	•	•
	Designed and manufactured off-site		*	•	•	•	•	•	•
	Minimum of 2 inches pipe diameter		•	•	•	•	•	+	*
	Limited to ≤ 5 feet head		•	•	•	•	*	•	*
	< .5 inch screening provided in AVS		•	•	•	•	•	•	*
	Installation/maintenance not subject to clogging by debris		•	•	•	•	•	•	*
g.2.	Suction Vacuum Release Device (SVRD)		Α	В	С	D	SPA	AAD	TPS
	Device on file and acceptable by TX DSHS		•	•	•	•	•	•	•
h.	VACUUM OUTLETS	Sec. 265 .190 page 36	Α	В	С	D	SPA	AAD	TPS
	Vacuum outlets installed between 12 inches and 18 inches deep		•	•	•	•	•	•	•
	Vacuum outlets protected by self-closing, self-locking cover		•	•	•	•	•	•	•
i.	SKIMMER EQUALIZATION LINES	Sec. 265 .190 page 36	Α	В	С	D	SPA	AAD	TPS
	Ports must have ANSI/ASME A112.19.8M compliant cover/grate		•	•	•	•	•	•	•
j.	CHECK VALVES	Sec. 265 .190 page 36	Α	В	С	D	SPA	AAD	TPS
	Other means must be exhausted prior to use		•	•	•	•	•	•	•
	Prohibited on suction lines (except for skimmers)		•	•	•	•	•	•	•
	SVRS manufacturer allows use of check valves		•	•	•	•	•	•	•
k.	REPLACEMENT COVERS/GRATES	Sec. 265 .190 page 37	Α	В	С	D	SPA	AAD	TPS
	Replacement drain fittings/fasteners on-site for covers < 24 inches		•	•	•	•	•	•	•
I.	SUCTION OUTLET SUMPS	Sec. 265 .190 page 37	Α	В	С	D	SPA	AAD	TPS
	Cover/grate clearance from suction pipe ≥ 1.5 times pipe diameter		•	•	•	•	•	•	•
	Sump provided below all parts of cover/grate		•	•	•	•	•	•	•
m.	RETURN INLETS	Sec. 265 .190 page 37	Α	В	С	D	SPA	AAD	TPS
	Return inlets (≥ two) provided. One per 300 feet² of pool surface area		•	•	•	•	•	•	•
	Return inlets (≥ two) provided. One per 150 feet² of spa surface area		•	•	•	•	•	•	•
	Return inlets project ≤ 1 inch; installed ≥ 12 inches deep		•	•	•	•	•	•	•
	Floor inlets: installed flush: one per 15 feet radius, when provided		•	•	•	•	•	•	•
	Floor inlets in water ≥ 1.5 feet provided every 200 feet² (Zero Depth)		*	•	•	*	•	•	•
n.	SKIMMER/GUTTER SYSTEMS	Sec. 265.191 pages 38	Α	В	С	D	SPA	AAD	TPS
	Skimmers/Gutter systems designed and installed hazard free		•	•	•	•	•		
	Skimmers provided one per 500 feet ² for pools		•	•	•	•			
	Skimmers provided one per 150 feet² for spas		•	•	•	•	•		
	Equalization ports ANSI/ASME A1 12.19.8M cover/grate		•	•	•	•	•		
	Skimmer system capable of 100% of circulation system flow		•	•	•	•	•		
	Skimmer flow rate ≥ 3 gallons per skimmer per weir inch		•	•	•	•	•		
	Gutter systems provided for ≥ 50% of pool perimeter		•	•	•	•	•		
	Gutter system surge capacity ≥ one gallon per feet² pool surface area		•	•	•	•			
	Gutter system surge capacity ≥ two gallon per feet² spa surface area						•		
	Gutter system capable of 100% of circulation system flow		•	*	•	•	•		

12.	ELECTRICAL REQUIREMENTS	Sec. 265. 192	Α	В	С	D	SPA	AAD	TPS
- <u>-</u> -	Electrical equipment installed per NEC 2002	page 39-42	•	•	•	•	•	•	•
	Electrical equipment design UL or equivalent approved		•	•					
а.	GROUND FAULT CIRCUIT INTERRUPTER (GCFI)	Sec. 265, 192	Α	В	С	D	SPA	AAD	TPS
- a.	GFCI protection on electrical outlets	page 40	•		•) A	1770	1110
	GFCI protection on submerged lighting		•	•	•	•		•	
	GFCI protection on switches between 5 and 10 feet of pool/spa		•	•	•	•			
b.	BONDING AND GROUNDING	Sec. 265. 192		В	С	D	SPA	AAD	TPS
<i>D.</i>		page 40	A .	•	•	•	JPA .	AAD	1173
	Pool and spa basins must be bonded with inspection documentation		•	<u> </u>	•	<u> </u>	•	•	
	Plastic or epoxy coated reinforcing-bar is not allowed		•	•	•	•		•	•
	Pump motors internally and externally grounded								-
	Other electrical equipment-properly grounded per NEC 2002	Sec. 265. 192	•	•	•	•	•	•	•
C.	ELECTRICAL LINE CLEARANCES	<u>page 40</u>	Α	В	С	D	SPA	AAD	TPS
c.1.	Overhead Lines Above Pools and Spas	Sec. 265. 192 page 40	Α	В	С	D	SPA	AAD	TPS
	Insulated lines ≥ 22.5 feet of water surface, deck, rafts		•	٠	٠	٠	•	•	•
	Insulated lines ≥ 14.5 feet of stands, tower, diving platform		•	•	•	•	•	•	•
	Non-insulated lines per NEC 2002		•	•	•	•	•	•	•
	Neutral residential-type lines are except		•	•	٠	٠	•	•	•
c.2.	Overhead Lines Above Pools and Spas Yards	Sec. 265. 192 page 40	Α	В	С	D	SPA	AAD	TPS
	Insulated lines ≥ 20 feet of ground surface in outdoor pool/spa yard		•	•	•	•	•	•	•
	Non-insulated lines per NEC 2002		•	•	•	•	•	•	•
	Neutral residential-type lines are except		•	•	•	•	•	•	•
c.3.	Non-Overhead Lines	Sec. 265. 192 page 40	Α	В	С	D	SPA	AAD	TPS
	≥ 5 feet from water of pool/spa except lines for pool/spa lighting	Ì	•	•	•	•	•	•	•
	Encased in conduit walls, in concrete or underground	ĺ	•	•	•	•	•	•	•
d.	ELECTRICAL DISCONNECTS FOR SERVICE PERSONNEL	Sec. 265. 192 page 41	Α	В	С	D	SPA	AAD	TPS
	Shut-off installed ≥ 5 feet from pool/spa		•	•	•	•	•	•	•
	Electrical shut-off located within sight of pool/spa equipment		•	•	•	•	•	•	•
	Shut off capable of disconnecting all hot wires in one action	Ì	•	•	•	•	•	•	•
	Outlet plugs may be counted as switches	ĺ	•	•	•	•	•	•	•
e.	LOCATION OF OTHER ELECTRICAL EQUIPMENT	Sec. 265. 192 page 41	Α	В	С	D	SPA	AAD	TPS
	Switches, outlets, deck lights, pumps, ≥ 10 feet from pool/spa		•	•	•	•	•	•	•
	Exceptions for following equipment ≥ 5 feet from pool/spa		•	•	•	•	•	•	•
	Equipment separated by solid, permanent partition ≥ 4 feet high		•	•	•	•	•	•	•
	Single, grounded, GFCI protected outlet with locking cover		•	•	•	•	•	•	•
	Switches, grounded, GFCI protected		•	•	•	•	•	•	•
	Other devices installed per NEC 2002		•	•	•	•	•	•	•
f.	EMERGENCY SHUT-OFF SWITCH FOR SPAS	Sec. 265. 192 page 41	Α	В	С	D	SPA	AAD	TPS
	Installed within sight from spa or location sign provided		•	•	•	•		•	•
	Labeled 'Emergency Spa Shut-off' one inch letters		•	•	•	•	•	•	•
	Installed ≥ 5 feet from pool/spa unless non-electric switch		•	•	•	•	•	•	•
	Accessible by spa users at all times	1	•	•	*	•	•	•	•

g.	ELECTRICAL INSPECTIONS DURING CONSTRUCTION	Sec. 265. 192 page 41	Α	В	С	D	SPA	AAD	TPS
	Inspection to assure proper bonding of pool/spa basin shell		•	•	•	•	•	•	•
	Inspection of all electrical facilities prior to opening		•	•	•	•	•	•	1
	Inspections conducted by Texas licensed electrician		•	•	•	•	•	•	•
h.	ELECTRICAL SAFETY OF SUBMERGED LIGHTING	Sec. 265. 192 page 42	Α	В	С	D	SPA	AAD	TPS
	Underwater lighting is not required		•	•	•	•	•	•	•
	Units lacking epoxy insulation must be replaced with proper lamps		•	•	•	•	•	•	•
	Units having cracked insulation must be replaced		•	•	•	•	•	•	$\overline{}$
	Units with spliced connecting cords must be replaced		•	•	•	•	•	•	•
	Units modified in violation of NEC 2002 must be replaced		•	•	•	•	•	•	•
13.	HEATERS	Sec. 265. 193 page 42	Α	В	С	D	SPA	AAD	TPS
	Heaters ≥ 200K BTU TX Dept. of Licensing/Regulation certified		*	*	*	*	*		•
	Compliant with ANSI Z21.56 Standards for Gas Fired Heaters		*	*	*	*	*		•
	Compliant with UL 1261-1992 for Electrical Heaters		•	*	*	*	*		•
	Compliant with UL 559-1985 for Heat Pumps		•	*	*	*	*		•
	Installed per manufacturers specifications and DSHS requirements		•	*	*	*	*		•
	Heaters wired dependent on circulation system circuitry		*	*	+	*	*		•
	Maximum water temperature of 104° F						*		•
	Spa thermostat not accessible by bathers						*		•
	Thermometer provided for bather use						*		•
14.	WATER SUPPLY	Sec. 265. 194 page 43	Α	В	С	D	SPA	AAD	TPS
	Water supply from approved source		•	•	•	•	•	•	•
	Over-the-rim fill spout: no trip hazard; 2 inches or less; pliant end piece		•	•	•	•	•	•	•
	Backflow preventers/anti-siphon on submerged fill lines		•	•	•	•	•	•	•
	Backflow preventers/anti-siphon devices on fill hose lines		•	•	•	•	•	•	•
	Backflow preventers/anti-siphon devices on pump priming devices		•	•	•	٠	•	•	•
15.	FACILITY DRINKING WATER	Sec. 265. 195 page 44	Α	В	С	D	SPA	AAD	TPS
	Water source potable and meets TCEQ requirements		•	•	•	•	•		•
	Drinking fountain provided and available for bather use		•	•	•	•	•		•
16.	WASTE WATER DISPOSAL	Sec. 265. 196 page 31	Α	В	С	D	SPA	AAD	TPS
	Backwash to approved sewage disposal system.		•	•	•	•	•	•	•
	Backwash discharge through proper air gap		•	•	•	•	•	•	•
17.	DISINFECTION EQUIPMENT & CHEMICAL FEEDERS	Sec. 265. 197 page 45	Α	В	С	D	SPA	AAD	TPS
	Disinfectant feeder meets Standard ANSI/NSFI-50-1996		•	•	•	•	•	•	•
	Disinfectant feeder designed to maintain 5 ppm - outdoor pools		•	•	•	•		•	•
	Disinfectant feeder designed to maintain 3 ppm - indoor pools		•	•	•	•		•	•
	Disinfectant feeder designed to maintain 8 ppm - outdoor spas						•	•	•
	Disinfectant feeder designed to maintain 5 ppm - indoor spas						•	•	•
	Disinfectant approved by Texas DSHS		•	•	•	•	•	•	•
	Chemical bulk and solution tanks, covered and labeled		•	•	•	•	•	•	•
	Chemical feeder wiring dependent on circulation system circuit		•	•	٠	٠	•	•	•
	Chemicals injected on return line only		•	•	٠	٠	•	•	•
	Chemicals injected downstream of heater		•	•	٠	•	•	•	·
	Chemicals injected downstream of heater Check valve on chemical injection lines		•	•	•	•	•	•	•

18.	GAS CHLORINATION	Sec. 265. 197 page 45	Α	В	С	D	SPA	AAD	TPS
	Installation is not allowed per Texas DSHS		•	•	•	•	•	•	•
19.	SAFETY DESIGN	Sec. 265. 199 page 48	Α	В	С	D	SPA	AAD	TPS
a.	HANDHOLD & COPING	Sec. 265. 199 page 48	Α	В	С	D	SPA	AAD	TPS
	Handholds provided ≤ every 2 feet for depths > 42 inches		•	•	•	•	•		
	Handholds ≤ 9 inches above design water level		•	•	•	•	•		
	Handholds are ≤ 3.5 inches thick and ≥ 4 inches wide	İ	•	•	•	•	•		
	Coping or deck overhang ≤ 2 inches	1	•	•	•	•	•		
b.	FLOAT LINES	Sec. 265. 199 page 49	Α	В	С	D	SPA	AAD	TPS
	Float line and buoys provided 1 to 2 feet before 5 feet depth point		•	•	•				
	Float line buoys secured ≤ 7 feet apart	<u> </u>	•	•	•				
	Float line must be tightly tensioned		•	•	•				
	Float line must provide good hand hold and be durable		•	•	•				
	Float line wall anchors are recessed with no projection	1	•	•	•				
c.	FLOOR MARKINGS	Sec. 265. 199 page 49	Α	В	С	D	SPA	AAD	TPS
	Visual separation (4 inch) for 5 feet depth break point		•	•	•				
	Lap lanes separated by float lines		•	•	•				
<u>d.</u>	DEPTH MARKERS	Sec. 265. 199 page 49	Α	В	С	D	SPA	AAD	TPS
	Depth markers provided on deck and pool sidewalls		•	•	•	•			
	Depth markers and units of measurement (FT) ≥ 4 inches		•	•	•	•			
	Depth markers provided on deck within 24 inches of water	1	•	•	•	•			
	Depth markers provided at minimum and maximum depth points	İ	•	•	•	•			
	Depth markers provided at 5 feet depth of pools > 5 feet in depth		•	•	•	•			
	Depth markers provided every 2 feet of depth change		•	•	•	•			
	Depth markers provided ≥ one per side; ≥ every 25 feet of deck		•	•	•	•			
e.	"NO DIVING" WORDING AND INTERNATIONAL SYMBOL	Sec. 265. 199 page 49	Α	В	С	D	SPA	AAD	TPS
	"NO DIVING" and symbol (4 inch letters and symbol)	İ	•	•	•	•			
	Provided on deck within 24 inches of water		•	•	•	•			
	Provided on both sides of pool at shallow end of pool		•	•	•	•			
	Provided on both sides of pool at 6 feet depth portion of pool		•	•	•	•			
	Provided every 25 feet of pool deck perimeter		•	•	•	•			
	Provided on any elevated structures around pool perimeter		•	•	•	•			
20.	SIGNAGE REQUIREMENTS	Sec. 265. 199 page 51	Α	В	С	D	SPA	AAD	TPS
	Signs viewable to users from inside pool/spa enclosure		•	•	•	•	•		
	"WARNING - NO LIFEGUARD ON DUTY" (4 inch letters)				•		•		
	"NO DIVING" and international symbol (4 inch letters)				•	•			
	"CHILDREN SHOULD NOT USE POOL/SPA WITHOUT ADULT SUPERVISION (2 inch letters)				•	•	•		
	"IN CASE OF EMERGENCY, CALL 911" (1 inch letter)		٠	٠	•	•	•		
	"DO NOT USE SPA IF THE WATER TEMPERATURE IS ABOVE 104° F (40° C) (1 inch letters)						•		
	Directions to nearest telephone or emergency summoning device		•	•	•	•	•		
	Maximum user load		•	•	•	•	•		

21.	LIGHTING	Sec. 265. 199 page 38	Α	В	С	D	SPA	AAD	TPS
	Provided for pools/spas open after sunset		•	•	•	٠	٠		
	Lighting installed at 0.5 watts per foot ² pool/spa deck surface area		•	•	•	•	•		
	Submerged lighting installed at 0.5 watts per foot² pool/spa deck area		•	•	•	•	•		
	Bottom of pool/spa clearly visible after dark		•	•	•	•	•		
22.	SPECIAL AQUATIC ACTIVITY DEVICES (AAD)	Sec. 265. 199 page 55	Α	В	С	D	SPA	AAD	TPS
	Involves AADs with separate circulation systems							•	
	Turnover rate ≤ 30 minutes							•	
	Sec. 265.187 - Sec 0265.190							•	
	Sec. 265.192							•	
	Sec. 265.194							•	
	Sec. 265.196							•	
	Sec. 265.197							•	
	Sec. 265.204							•	
23.	POOL YARD ENCLOSURES		Α	В	С	D	SPA	AAD	TPS
a.	CLASS A, B AND YOUTH CAMP POOLS/SPAS	Sec. 265. 200 page 56	Α	В	С	D	SPA	AAD	TPS
	Height ≥ 6 feet	1	•	•	•		•		
	Fencing must not be easily climbable		•	•	•		•		
	Pickets ≤ 4 inches apart horizontally, if used.		•	•	•		•		
	Gates directly supervised or locked	Ī	•	•	•		•		
	Buildings as enclosures under following restrictions		•	•	•		•		
	no openings leading outside of pool/spa yard enclosure.		•	•	•		•		
	allowances for storage rooms, dressing rooms, showers, restrooms		•	•	•		•		
	rooms may not contain gas chlorine canisters		•	•	•		•		
b.	APARTMENT AND CONDOMINIUM POOLS/SPAS	Sec. 265. 200 page 56	Α	В	С	D	SPA	AAD	TPS
	See TX Health & Safety Code Chapter 757 for requirements				•	•	•		
c.	OTHER POOLS	Sec. 265, 200 page 56	Α	В	С	D	SPA	AAD	TPS
	Height ≥ 4 feet				•	•	•		
	Ground clearance by fence ≤ 4 inches				•	•	•		
	Enclosure not easily climbable by small children				•	•	•		
	Fence pickets ≤ 4 inches apart horizontally, if used				•	•	•		
	Fence pickets ≤ 45 inches apart vertically, if used				•	•	•		
	No objects placed within 36 inches from outside of fence				•	•	•		
	Chain link enclosures not allowed				•	•	•		
	Building as enclosure under following restrictions				•	•	•		
	no openings leading outside of pool/spa yard enclosure				•	•	•		
	allowances for storage rooms, dressing rooms, showers, restrooms				•	•	•		
	allowances for mechanical rooms, equipment rooms				•	•	•		
	rooms may not contain gas chlorine canisters				•	•	•		
	Gates/doors are self-closing and self-latching				•	•	•		
	Gates/doors open away from pool/spa				•	•	•		
	Gate/door opening hardware is hand-activated and ≥ 3.5 feet high				•	•	•		
	Gates/doors are capable of being locked/secured				•	•	•		
	All enclosure exits open into public area or walkway			Ι					

24.	DRESSING/SANITARY FACILITIES			Sec. 265. 201 page 58	Α	В	С	D	SPA	AAD	TPS
	Proper construction for cleaning/sanitation				•	•	•	•	•		
	Proper lighting and ventilation				•	•	•	•	•		
a.	CLASS A OR B POOLS INCLUDING SUBOPE	RATIONS		Sec. 265, 201 page 58	Α	В	С	D	SPA	AAD	TPS
	Separate dressing/toilet facilities for each gender									•	
	Partitions durable, water-proof and provided with w	aterway								•	
	Flooring surface must be slip-resistant									•	
	Adequate floor drains and floor pitch to facilitate dra	ainage								•	
	Adequate hose bibs for wash down									•	
b.	LAVATORIES, SHOWERS, TOILETS	Female	Male		Α	В	С	D	SPA	AAD	TPS
	Water closet(s)	1/50	1/100		•	•	•	•	•		
	Urinal(s)	N/A	1/100		•	•	•	•	•		
	Lavatory(s)	1/100	1/100		•	•	•	•	•		
	Shower(s)	1/100	1/100		•	•	•	•	•		
	Baby changing table(s)	1	1		•	•	•	•	•		
	Drinking fountain(s) provided in pool/spa area	1	1		•	•	•	•	•		
	Anti-scald, shower fixture(s): fixed mixing valves (9	0°F to 110°l	F)		•	•	•	•	•		
	Adequate hose bibbs provided for cleanup				•	•	•	•	•		
	Mirrors/hand dispensers are provided and shatter-r	resistant			•	•	•	•	•		
	Tissue dispensers, covered waste receptacles prov	/ided in toile	et		•	•	•	•	•		
25.	SPA SPECIAL REQUIREMENTS			Sec. 265. 205 page 62-65	Α	В	С	D	SPA	AAD	TPS
	Depth ≤ 4 feet								•		
	Seat depth ≤ 24 inches								•		
	Air blower design meets ANSI/UL 1563-1995								•		
	Air line pressure test 1.5 times operating pressure										
	15 minute manual timer for blower/circulation syste	m							•		
	15 minute manual time switch requires exiting spa	to activate							•		
	Depth markers (at least two) provided								•		
	Depth markers and units of measurement (feet) 4 i	nches in he	ight								
	Depth markers provided on deck within 24 inches of	of water							•		
	Depth markers provided every 25 feet of deck								•		
26.	THERAPEUTIC POOLS & SPAS (TPS)			Sec. 265. 205 page 65	Α	В	С	D	SPA	AAD	TPS
	Sec. 265.181 - Sec.265.183										•
	Sec. 265.187 - Sec.265.197										•
	Turnover rate ≤ 30 minutes for pool < 1000 gallons	in capacity									•