

Residential Outdoor Pool Checklist			
Date		Address:	
P/F			Code Section
<b>BARRIER REQUIREMENTS FOR POOLS</b>			
	1	Barrier (Fence, wall, pool,etc.)shall not be less than 48" above grade and start 2" max above grade	R326.6.1 #1
	2	For Barriers mounted on top of the above ground pool, the maximum distance between the pool and bottom of the barrier is 4".	
		The required barrier height shall:	R326.6.3
	3	a) Be measured for a distance of 3 feet out from the required barrier. b) be free of structures, equipment or similar objects.	
	4	Openings shall not allow passage of a 4" sphere.	R326.6.1 #2
	5	No indentations/protusions in solid barriers, such as masonry or stone walls	R326.6.1 #3
		When the barrier is composed of horizontal and vertical members and distance between the tops of horizontal members <u>are less than 45" apart:</u>	R326.6.1 #4
	6	a) Horizontal members shall be located on the pool side and the spacing between the vertical members shall not exceed 1-3/4".	
		b) If there are decorative cutouts within the vertical members, the width of the cutout shall not exceed 1-3/4".	
		When the barrier is composed of horizontal and vertical members and distance between the tops of horizontal members <u>are 45" apart or greater:</u>	R326.6.1 #5
	7	a) Spacing between vertical members shall not exceed 4".	
		b) If there are decorative cutouts within the vertical members, the width of the cutout shall not exceed 1-3/4".	
	8	Maximum mesh size for chain link fences shall be a 2-1/4" square unless the fence has slats fastened at the top and bottom which reduce the openings to not more than 1-3/4".	R326.6.1 #6
	9	Maximum diagonal openings allowed in barriers (such as Lattice w/slats) is 1-3/4"	R326.6.1 #7
	10	Any window that is both within 5' horizontal from the waters edge and less than 5' vertical from the walking surface needs to have safety glass.	R308.4.5
	11	Removable or fixed ladders need to meet items 1-9 above.	R326.6.1 #9
<b>ACCESS GATES</b>			
	12	Access gates need to meet items 1-9 above	R326.6.1 #8
	13	All access gates shall be equipped to accommodate a locking device	
	14	Pedestrian Access gates shall open outward away from the pool.	
	15	Pedestrian Access gates shall be self-closing and have a self-latching device.	
	16	Gates, other than Pedestrian access gates shall have a self-latching device.	
		When the release mechanism is located less than 54" from the bottom of the gate	R326.6.1 #8.1
	17	a) The release mechanism shall be located on the pool side of the gate at least 3" below the top of the gate	
		b) The gate and barrier shall have no opening larger than 1/2" within 18" of the release mechanism	R326.6.1 #8.2
<b>DOORS PROVIDING DIRECT ACCESS TO POOL AREA(Choose 1 option below)</b>			
	18	<b>Option 1-</b> Provide a powered safety cover in compliance with ASTM F1346	R326.6.1 #9.1
		<b>Option 2-</b> Doors shall be equipped with an alarm that produces an audible warning when the door and/or screen, if equipped, are opened.	R326.6.1 #9.2
	19	a) The alarm shall be listed and labeled in accordance with UL2017.	
		b) The deactivation switch shall be located at least 54" above the door threshold.	
	20	<b>Option 3-</b> The door must swing away from the pool area and be equipped with a self-closing and self-latching device with the release mechanism located at least 54" above the door threshold.	R326.6.1 #9.3

	POOL ALARM			
	21	Any new or substantial alteration of a residential pool must have an alarm installed in the pool that emits a sound of at least 50 decibels when a person or object weighing 15 pounds or more enters the pool.		R326.6.6 and CGS 29-265a
	ELECTRICAL			
	22	No receptacles allowed within 6' of the inside walls of the pool.		E4203.1.1
	23	At least one GFCI convenience receptacle required;		E4203.1.2
		a) 15-or 20-ampere.		
		b) between 6' and 20' from the pool.		
		c) not more than 6'6" above grade.		
	24	All light fixture shall be installed with 5 feet from the pool nor less than 12 feet above the pool.		E4203.4.1
	25	Switches shall not be less than 5' from the pool or separated by a solid barrier		E4202.2
	26	Mximum pool equipment flex cord length is 3'(except for storable pools) with a #12 grounding conductor.		E4202.2
	27	A disconnecting means is required for all utilization equipment (Except lighting)		E4203.3
		a) be readily accessible		
		b) within sight of equipment served		
		c) not less than 5' from pool unless separated by a solid barrier		
		All underground wiring within 5' of pool needs to be in rigid conduitat depths of .		E4203.7
	28	Wiring Method	Type	Burial Depth
		Rigid Metal conduit	MC	Not less than 6"
		Intermediate Metal Conduit	IMC	Not less than 6"
		Nonmetallic raceways(w/ 4' concrete)	NMC	Not less than 6"
		Nonmetallic raceways (no concrete)	NMC	Not less than 18"
	29	No overhead wiring shall be installed;		E4203.6 and Table E4203.6
		1) not less than 10' horizontally from the pool unless the conductor is more than 27' above the water		
		2) Not less than 10' from any diving structures unless the conductor is greater than 18' in any direction to the diving platform.		
		3) Not less than 10' from any observation stands, towers and platforms		
	30	#8 AWG bonding required for the following		E4204.2
		1) Conductive pool shells		
		2) Perimeter Surfaces		
		3) Metallic Components		
		4) Underwater Lighting		
		5) Metal Fittings		
		6) Electrical Equipment		
		7) All fixed metal parts		
	31	When no bonded parts are in contact with the pool water, than the water needs to be bonded		E4204.3