



**Title 178 NAC 2**

**New Swimming Pool Data and Check Sheet**

Please fill out a separate check sheet for each pool

Name of Pool:			
Address of Pool:	Street:		
	City:	State: NE	Zip:
Telephone:		Email:	

Owner of Pool:			
Address of Owner:	Street:		
	City:	State:	Zip:
Telephone:		Email:	

Name of Engineering/Architectural Firm:			
Address:	Street:		
	City:	State:	Zip:
Telephone:		Email:	
Engineer's/Architect's Seal and Signature:			

Estimated Pool Cost:	\$
Initial Review Fee [\$100.00 + 0.5% of Estimated Pool Cost (Maximum \$7600.00)]:	\$
Estimated Start Date of Construction:	

<b>Pool Type</b>			
<input type="checkbox"/> Indoor		<input type="checkbox"/> Outdoor	
<b>Type of Pool (Check One):</b>			
<input type="checkbox"/> Standard Swimming Pool	<input type="checkbox"/> Spa	<input type="checkbox"/> Zero Depth Pool	<input type="checkbox"/> Wave Pool
<input type="checkbox"/> Spray Park	<input type="checkbox"/> Wading Pool	<input type="checkbox"/> Diving Pool	<input type="checkbox"/> Other

**Variance: If a variance is being requested, please fill out the Variance Request Form.**

<b>Plans and Specifications 2-003</b>			
<b>Yes</b>	<b>No</b>	<b>N/A</b>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Three sets of plans and specifications submitted?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will 2 copies of the operation and maintenance manual be provided?

<b>Design Standards 2-005</b>			
<b>Patron Loading 005.02</b>			
Shallow Area (5 ft or less):	ft <sup>2</sup>	15 ft <sup>2</sup> /patron =	patrons
Deep Area (5 ft or greater):	ft <sup>2</sup>	25 ft <sup>2</sup> /patron =	patrons
Total Patron Load Based on Swimming Pool:		patrons	

<b>Construction Material 005.03</b>			
<b>Yes</b>	<b>No</b>	<b>N/A</b>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Material inert, stable, non-toxic, watertight, slip resistant and enduring? Material:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Finish: white or light color?                      What is the color of the pool?

<b>Structural Stability 005.04</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are swimming pools, spas and appurtenances (slides, platforms, main drains, etc.) constructed to withstand anticipated loading?

<b>Decks 005.07</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the deck unobstructed 5 feet around the pool? What is the slope?            in/ft Deck Drainage to:    Grade            Indirect Drains
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will at least 1 hose bib with a backflow preventer be provided?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will 1 drinking fountain be provided? (Class A ONLY)

<b>Barriers 005.08</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the pool completely surrounded by a barrier not less than 6 feet high?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there a self-closing/latching gate with a latching mechanism at 48 inches or is there another means of controlling access?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the barrier such that a 4-inch sphere cannot pass through?

<b>Lighting, Electrical and Ventilation Requirements 005.09</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the pool intended for nighttime use?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are 3 foot candles of lighting provided for overhead lighting?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is ½ watt per square foot of lighting provided for underwater lighting?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are underwater requirements waived due to 15 foot candles of illumination provided at the water surface?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Does electrical conform to the State Electrical Act?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is ventilation provided per the appropriate regulating agency?

<b>Water Supply and Waste Water Disposal 005.10</b>			
Yes	No	N/A	
			What is the water source for the pool? If available, must be from a PWS. <input type="checkbox"/> Municipal Supply <input type="checkbox"/> Individual Well <input type="checkbox"/> Other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the water source protected against backflow and back siphonage? How is it protected? <input type="checkbox"/> Air Gap <input type="checkbox"/> RPZ <input type="checkbox"/> Other
			Where does the filter backwash go?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is an air gap provided?
			What is the size of the air gap?            inches
			Where does the pool drain to? Location:
			Where does the bathhouse waste discharge to? <input type="checkbox"/> Municipal Sewer System <input type="checkbox"/> Septic Tank System
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the recirculation system and deck drains protected against backflow?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Does the heating, dehumidification or cooling system connected to the pool recirculation system only contain non-toxic heat transfer media?

<b>Recirculation System 005.11</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Does each pool have a separate recirculation system?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are all components certified to ANSI/NSF Standard 50 including the pump?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will all exposed piping and valves be clearly marked to indicate function and use?

<b>Overflow System 005.11(G)</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will an overflow gutter system be used?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will drop boxes, converters, return piping or flumes used to convey water from the gutter be designed to handle at least 125% of the recirculation rate?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will the gutters be level within a tolerance of plus or minus 1/8 inch?

<b>Skimmers 005.11G(ii)</b>			
Number:		Make:	
Model Number:		Skimmer Pipe Size:	
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are skimmers ANSI/NSF 50 certified?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Do skimmers have weirs that adjust automatically and operate freely and continuously with variations of at least 4 inches in water level?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are skimmers designed to handle 100% of the pool turnover?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is each skimmer equipped with a device to control flow?

<b>Main Drain System Outlet 005.11(H)</b>			
Number (2 minimum or a single unblockable):		Make:	Model Number:
Size:		Pipe Size:	
Effective open area of each main drain:                      sq. in.			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are openings of field fabricated grates not over ½ inch (13 mm) wide?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the gratings or drain covers not removable without the use of tools?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is main drain equipped with a valve?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will the drain cover and installation meet the requirements of ASME/ANSI A112.19.8-2007 or -2008 or any other standard approved under the VGB Act?

<b>Pump Data 005.11(J)</b>						
	Number Installed	Spare Basket(s)	Make	Model	Capacity (gpm)	HP
Swimming Pool						
Wading Pool						
Slide						
Other						
Yes	No	N/A				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will pumps and motors be readily accessible for inspection and service?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are pumps self-priming or have a net positive suction head?			

	Swimming Pool	Wading Pool	Zero Depth Pool	Other
Volume	gal.	gal.	gal.	gal.
Surface Area	sq. ft.	sq. ft.	sq. ft.	sq. ft.
Perimeter (feet)	ft.	ft.	ft.	ft.
Filtered Return Water Flow Rate	gpm	gpm	gpm	gpm
Turnover Times	hrs.	hrs.	hrs.	hrs.

<b>Flow Measurement and Control 005.11(K)</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the flow meter measured in gpm, capable of measurement of at least 1.5 times the recirculation rate, and accurate to 10% of the actual flow rate?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the flow meter installed in a straight pipe upstream and downstream of any fitting, and such that it is accessible for reading and maintenance?

<b>Inlets 005.11(L) (Check all that apply)</b>			
<input type="checkbox"/> Wall Inlets - Number of Wall Inlets:		<input type="checkbox"/> Floor Inlets - Number of Floor Inlets:	
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are inlets located at least 12 inches below water level or not less than 6 inches if designed for downward flow?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are inlet fittings of the adjustable rate-of-flow type, are directional flow with skimmer type pools, not projecting from the floor (floor inlets), and do not extend from the wall more than 2 inches (wall inlets)?

<b>Filtration 005.12</b>				
	<b>Sand</b>	<b>D.E.</b>	<b>Cartridge</b>	<b>Other</b>
Pressure				
Vacuum				
Gravity				
Maximum Capacity gpm/ft <sup>2</sup>				
Effective Surface Area ft <sup>2</sup>				
Manufacturer				
Model				
Other				
<b>Yes</b>	<b>No</b>	<b>N/A</b>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will filters be installed with adequate clearance and facilities for easy and safe inspection, maintenance, disassembly, and repair?	

<b>Sand Filters 005.12(A) (Check One)</b>						
<input type="checkbox"/>	Rapid Sand Filter	<input type="checkbox"/>	High-Rate Sand Filter	<input type="checkbox"/>	Backwash rate	gpm/ft <sup>2</sup>
<b>Yes</b>	<b>No</b>	<b>N/A</b>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the filter NSF approved?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the following included? <input type="checkbox"/> Influent Pressure Gauge <input type="checkbox"/> Effluent Pressure Gauge or Differential Pressure Gauge <input type="checkbox"/> Backwash Site Glass <input type="checkbox"/> Air Relief Valve			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is valving, piping setup for isolation, drainage, and backwashing for individual filters?			

<b>Disinfection and Chemical Application Equipment 005.13(B)</b>					
<b>Yes</b>	<b>No</b>	<b>N/A</b>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the Sanitizer NSF approved?		
Manufacturer:			Model #:		
Chemical Used:			Type of Sanitizer Equipment:		
<input type="checkbox"/>	Chlorine	<input type="checkbox"/>	lbs/day or	<input type="checkbox"/>	gals/day
<input type="checkbox"/>	Bromine	<input type="checkbox"/>	lbs/day	<input type="checkbox"/>	Liquid NaOCl
<input type="checkbox"/>	Other (specify)	<input type="checkbox"/>	% Chlorine/Bromine		
<b>Yes</b>	<b>No</b>	<b>N/A</b>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Does feeder have anti-siphon safeguards and will disinfectant not feed when recirculation water is not flowing?		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Can the feeder supply disinfectant at a rate of 0.1 pound per day chlorine (or equivalent) per gallon per minute of recirculation flow? This equates to 8 parts per million.		
<b>Fill in with calculated rate</b>			Maximum concentration of disinfectant in the recirculation stream =      ppm.		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If hypochlorinators are used, will the feed be capable of being continuous under all conditions of pressure in the recirculation system?		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will a test kit be provided that will be able to test applicable parameters indicated in 178 NAC 2 005.13(B)(v)?		

<b>Safety Requirements 007.01</b>				
<b>Yes</b>	<b>No</b>	<b>N/A</b>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will the depth markings be 4 inches high on the deck and vertical wall, and be no more than 25 feet intervals with a contrasting color to the background?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Class A, B, and F pools must have a boundary line per 178 NAC 2-002.03.	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will a rescue tube/tow rope, and backboard be provided? (Class A)	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will a shepherd's crook, rescue tube/ring buoy be provided (rope at least as long as the pool width)? (Class B and F)	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will a state approved first aid kit be provided?	

<b>Safety Requirements 007.01 (continued)</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will a telephone with emergency numbers be provided in the pool enclosure?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will chemical storage containers be labeled?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"Authorized Personnel Only" sign on door/rooms where chemicals used or stored?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Carbon monoxide detector provided?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will a "No Lifeguard" sign be provided at Class B,C, D, E, and F
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will the pool sign have the exact language required in 178 NAC 2-009.02(B)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will the spa sign have the exact language required in 178 NAC 2-009.02(C)

<b>Lifeguard Chairs 009.01</b>	
Water Surface Area: _____ ft <sup>2</sup>	Minimum number of chairs: _____

<b>Bathhouse 005.14 (Class A Pools ONLY, if applicable)</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Does the bathhouse have a smooth finish, slip resistant, impervious to moisture, easily cleanable and sloped ¼ inch to the drains and no carpet?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will showers supply water at 1.5 gals/min?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will showers and sinks supply water at least 90° Fahrenheit (32° C) and no more than 115° Fahrenheit (45° C)?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is a hose bib with a backflow device located for use in the entire bathhouse?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Minimum facilities (toilets and sinks) in Class B, C, D, E, F pools?

<b>Miscellaneous 005.14</b>			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will a system be provided to remove dirt and other foreign material from the bottom of the pool?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will boilers meet the Boilers Inspection Act?

<b>Diving Boards 005.04(F) (Indicate Number)</b>			
Deck Level: _____	1 Meter: _____	3 Meter: _____	Other: _____
2/3 Meter: _____	3/4 Meter: _____		

<b>Slides 005.23</b>		
Height of slide exit above water: _____	feet	
Slide pump capacity: _____	gpm	
Number of Suction Outlets: _____	Make: _____	Model: _____
Effective open area of each suction outlet: _____		