



PRE-OPENING GUIDE FOR POOL OPERATORS

COMMUNITY PROTECTION PROGRAM
150 MAIN STREET
PRINCE FREDERICK, MD 20678
(410) 535-3922

ANSI Requirements

- Depth Markers must be present on pool walls and on pool deck, they must depict distinct water level changes that occur and must be 4" in height
- Ladders are tightly secured, have available grips, have bumpers in place, and that escutcheon plates are sealed securely. Steps are not cracked or damaged and have grip available.

WATER RECREATION ATTRACTION (.16)

- Single Lane Pool "Warning: No Diving—Shallow Water" if 5' or less

PUBLIC POOL SITE (.20)

- Drains away from the pool or spa, has water and waste water facilities that conform with COMAR 26.04.01-.04; 09.20.01

BARRIERS (.21)

- Recreational, Semipublic, or Public Spa:
Barrier is at least 72" in height
- Semipublic Pool or Spa:
Barrier is at least 60" in height
Gate must be self-closing and self-latching

All pools must reach the following

- Maximum clearance between bottom of fence and grade is 4" or less
- Openings around the gate (when closed) cannot allow a 4" sphere to pass through
- Fence pickets max separation of 4"
- Barrier cannot have openings or footholds that are easy to climb
- Barrier with horizontal members less than 45 inches apart cannot have:
*vertical opening greater than 1.75" in width; and
*horizontal members on the outside of the barrier
- Barrier does not have decorative cutouts greater than 1.75" in width
- Maximum mesh for chain link fence is 2.25" (measured on a diagonal)

DECKS (.22)

- Recreational and Semipublic pool decks completely surrounds the pool and are slip resistant

EQUIPMENT ROOM (.23)

- Room is weathertight with a waterproof floor.
- The room has a floor drain, adequate lighting and a lockable entrance door.
- Ventilation is at 2 cubic feet per minute if chemical storage is in the area.

- A water resistant data sheet is on site.

CIRCULATION SYSTEMS (.25)

- Gauges are functional. Thermometer (if heated) on the return line to the pool. The flow meter is functional and appropriately sized.

CIRCULATION COMPONENTS (.26)

- Chemical feeder(s) are approved and provide proper amount of disinfectant
- Skimmers are provided with a vented lid and provided with a separate vacuum line if more than 4 skimmers or on a gutter system

ENTRAPMENT PREVENTION (.28)

- Vacuum lines are capped when not in use and valve is in closed position when not in use.
- The main drains is spaced a minimum of 3' apart from edge to edge OR hydraulically balanced OR an unblockable drain. If an SVRS is installed for main drains who do not meet the above requirements then the SVRS will be tested at the pre-opening.
- Suction outlets are not cracked or damaged.
- Written maintenance program provided.

CHEMICAL STORAGE AREA (.29)

- The chemical storage area is protected against weather, excess heat, and moisture.
- It has a lockable door
- Has ventilation that is 2 cubic feet per square foot of floor area and exhausts to open air.

BACKWASH/DECK DRAINAGE (.31)

- Backwash Drainage conforms with COMAR 09.20.01
- If facility is discharging onto the ground's surface they need to show a discharge permit from Maryland Department Environment (COMAR 26.08.01-.04)

PLUMBING (.34)

- One drinking fountain is available per 5,000sqft of surface water area
- Hose Bibbs
 - On the deck at 150 feet intervals
 - In an equipment room
 - In both a men's and a women's bathhouse
- Fill Spouts
 - Provided with a flexible cover on the tip of the fill spout
 - Installed within 10 inches of a ladder or handrail or in front of a lifeguard stand

TOILETS/HAND SINK/SHOWERS (.35)

- A bathhouse, toilet, hand sink, and shower within 100 feet of entrance gate

ANTISCALD (.36)

- There is an approved pressure-balanced, anti-scald device. Water temperature must be below 115°

EQUIPMENT INSTALLATION (.38)

- Installed according to manufacturers' instructions
- Equipment is accessible
- Valves, controls, and piping are permanently labeled, numbered, or color-coded to identify purpose or function

MAINTENANCE (.39)

- Inspection is completed once a week by the operator for the purpose of maintaining the pool or spa

PUBLIC POOL SAFETY (.40)

Recreational Pool	Public Spa	Semi-public Spa
A first aid kit as recommended by the American Red Cross	A first aid kit as recommended by the American Red Cross	A first aid kit as recommended by the American Red Cross
A face mask for CPR	A face mask for CPR	A face mask for CPR
Disposable medical grade examination gloves	Disposable medical grade examination gloves	Disposable medical grade examination gloves
A blood borne pathogen control kit	A blood borne pathogen control kit	A blood borne pathogen control kit
A backboard designed for medical emergency use that is equipped with straps and head immobilizer	A backboard designed for medical emergency use that is equipped with straps and head immobilizer	
A light, strong rescue pole not less than 10 feet long		
A rescue tube designed for lifesaving for each required lifeguard		

- A telephone is available within the pool or spa enclosure to individuals that can reach 911 and is posted with the name and location of the pool or spa facility
- Deck-level lifeguard chair may be used in a designated area adjacent to shallow water
- Lifeguards are appropriately trained and certified

CPR/First Aid Personnel

- Recreational pool, public spa, and a limited public use pool must have one individual on site with valid certification for infant/child/adult CPR and First Aid

Safety Signs

- Spa safety sign is permanently located and posted adjacent to the spa and must include user load for spa
- Chemical warning signs is posted at each entry door to a chemical storage area and
- Other signs are posted such as "Danger! No Diving In Shallow Water"
- House rules are posted at entrance
- Semipublic pool or public spa that do not have a lifeguard on duty has a conspicuous sign posted adjacent to entrances to the pool or spa reading, "WARNING; NO LIFEGUARD ON DUTY. **SWIM AT YOUR OWN RISK.** DO NOT SWIM ALONE. CHILDREN UNDER 15 SHOULD NOT USE THE POOL WITHOUT ADULT SUPERVISION.

POOL OPERATION (.43)

- A certified pool operator is onsite at a **recreational** pool at all times
- Is available within 30 minutes to respond to operational problems for a **semipublic pool, public spa, and a limited public use**

DISINFECTION OF A POOL (.44)

Type of Pool	Chlorine (ppm)	Bromine (ppm)	Temperature (if heated)
Recreational Attractions /Diving/Swimming	1.5 – 10.0	3.0 – 8.0	88°F
Wading/Therapy	3.0 – 10.0	4.0 – 8.0	96° (therapy)
Spa	4.0 – 10.0	4.0 - 8.0	104°F

WATER CHEMISTRY (.45)

Total Alkalinity	60 – 180 ppm
Calcium Hardness	150 – 400 ppm
Total Dissolved Solids	1500 ppm; 3000 ppm (salt)
Cyanuric Acid	30 – 100 ppm
pH	7.2 – 7.8
Combined Chlorine	0.2 ppm

OPERATING RECORDS (.46)

Records must include the following information

- Disinfectant residual
- Combine chlorine level, if chlorine
- pH
- Water clarity
- Water temperature (if heated)
- Flow rate
- Filter influent pressure and effluent pressure
- Pump vacuum
- Total number of bathers
- Record daily for a public pool or spa: time of backwash/cleaning, injury/illness, chemicals added, and malfunctioning/broken equipment
- Record Total Alkalinity, Calcium Hardness, and Cyanuric Acid in 1-week intervals for public pool and 1-day intervals for public spa
- Date and sign each record sheet

- Taken in 2-hour intervals for a **recreational pool** and a **public spa**
- Taken a minimum of 3x a day for **semipublic pool** or **limited public use pool**
- Ensure Entrapment Hazards Checklist is maintained
- Records must be maintained for 3 years onsite

TEST KITS (.47)

- A chlorine or bromine test kit that is DPD reagent system that measures free and combined chlorine or total bromine with a range of 0.0 to 10.0 ppm
- Phenol red test measuring pH from 7.0 to 8.0
- Total alkalinity, calcium hardness, and cyanuric acid test

WATER SANITARY QUALITY (.48)

- If filled from tanker ensure bacteriological sample is taken

CHEMICAL HANDLING (.49)

- Provide material safety data sheets and ensure chemicals are handled, used, and stored according to all federal, state, and local codes

CONTROL OF DISEASES (.50)

- Owner may not permit an individual entry into the pool or spa who has an infectious disease or contagious disease that may be transmitted through water; an open cut, blister, or other lesion; or diarrhea
- Owner may not prohibit entry if a physician certifies that the individual's condition is not infectious or contagious by waterborne transmission

INJURY/ILLNESS REPORTS (.51)

- Injury/Illness reporting sheet must be onsite

DISINFECTION OF SWIMSUITS AND TOWELS (.52)

- Washed in a washing machine with laundry detergent in hot water with a temperature of at least 175°F
- Rinsed in an effective disinfectant or heat dried at 175°F or more for at least 30 minutes after being washed

*****If your facility was issued a variance by the Maryland Department of Health for any of the above items please have the variance certificate onsite*****

*****If you facility is issued a discharge permit by the Maryland Department of the Environment please have a copy of the permit onsite*****