

2003 Pool Seminar

Materials that will be covered include:

- General Safety Requirements**
- Pool Chemistry**
- Testing Methods**
- Record-keeping**
- Chemical Storage & Handling**
- Equipment Maintenance**

General Safety Concerns

- **Drowning and Accident Prevention**
 - barriers
 - depth markings/float lines
 - emergency equipment
 - supervision
 - walking surfaces
 - proper signage



Barriers

- **Height**
 - Sixty inches or more
 - Outdoor, general use pools must have barriers height of six feet or greater
- **Width**
 - Slats (vertical members) no greater than 4” apart
 - Chain Link and picket fences $\leq 1\text{-}\frac{3}{4}$ inch spaces

Barriers

- **Gates and doors**

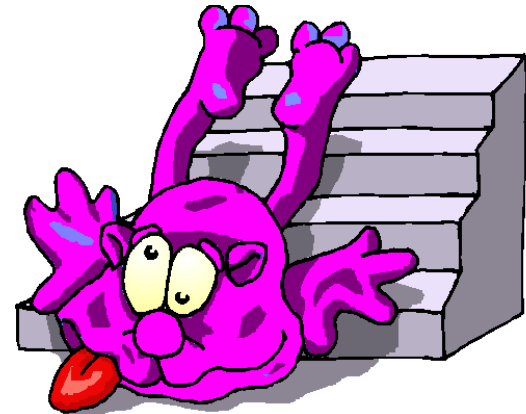
- Lockable
- Self-closing mechanisms
- Self-latching mechanisms
- Latching mechanism at least 54” from the ground



Note: If latching mechanism is lower than 54”, then it should remain continuously locked and only open with the use of a key

Walking Surfaces & Appurtenances

- **Pool Deck**
 - Even and non-slip finish
 - Adequate drainage
- **Stairs**
 - Non-slip tread
 - Contrasting color
- **Handrails**
 - Secure

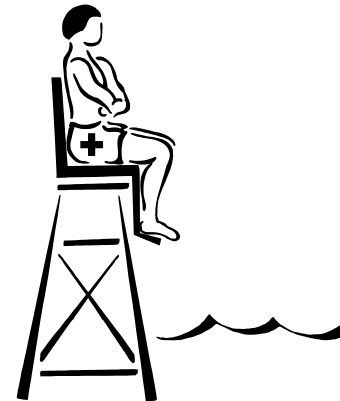


Float Lines & Depth Markings

- **Water depth indicated both on vertical wall of pool and deck edge**
 - Vertical markings ≥ 2 inches at water level
 - Deck marking ≥ 4 inches within 18" of water edge
- **Float lines or Marking Lines**
 - Separate shallow end from deep end

Pool Classifications

- **General Use pools**
 - Greater than 1500 square feet in surface area
 - Less than 1500 square feet in surface area
- **Limited Use pools**



Supervision at General Use Pools

- **Pools 1500 square feet or greater:**
 - Lifeguards present at all times when in use
 - Exceptions:
 - 1) Limit use to 2–10 swimmers
 - 2) Qualified coaches of swim teams

Supervision at General Use Pools

- **Pools less than 1500 square feet:**
 - **Lifeguards present when:**
 - **Swimming lessons provided, AND**
 - Swimmers are 12 years old or less, OR
 - Pool is over four feet deep
 - **Lifeguards and/or attendants:**
 - **Organized programs offered in 4 feet of water or less (i.e., water aerobics, etc.)**

Supervision Requirements

- **For All Limited Use pools and General Use pools less than 1500 s.f.**
 - **When no lifeguard is present:**
 - **Children age 12 or less must be accompanied by an adult of at least 18 years of age.**
 - **Persons age 12-17 must not be alone in pool area. A minimum of two people must be present.**

Emergency Equipment

- Telephone
- First Aid Kits
- Rescue Devices

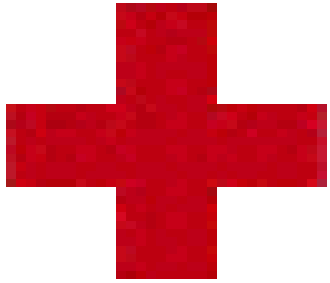


Note: General Use pools must also supply a backboard

Telephone Requirements

- **General Use Pools**
 - Phone within the facility
 - Prominently displayed list of medical response numbers
- **Limited Use Pools**
 - Phone within one minute
 - Audible emergency alarm





First Aid Kits



General Use Pools >1500 sq. ft.

- 24 Unit Kit Required (minimum)



**General Use Pools <1500 sq. ft.
& All Limited Use Pools**

- 16 Unit Kit Required (minimum)

24 Unit First Aid Kits

12 pkg. Absorbent Gauze, 24" x 72"

2 pkg. Bandage Compress, 4"

1 pkg. Cold Pack

2 pkg. Plastic/Latex Glove

2 pkg. Rescue Breather Mask

1 pkg. Soothe-a-sting

2 pkg. Adhesive Bandages 1" x 3"

1 pkg. Eye Dressing/Wash

2 pkg. Antiseptic Wipes

1 pkg. Scissors and Tweezers

1 pkg. Burn Compound, 1/8 oz. Min

6 pkg. Triangular Bandage, 40"

1 pkg Ammonia Inhalant

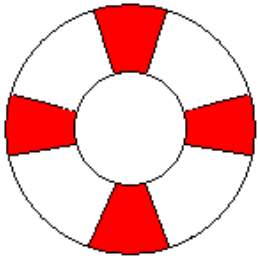
» » » Two Emergency Blankets Must be Available

16 Unit First Aid Kits

- | | |
|-----------------------------------|-----------------------------------|
| 1 pkg. Absorbent Gauze, 24" x 72" | 2 pkg. Adhesive Bandages, 1" x 3" |
| 2 pkg. Bandage Compress, 4" | 1 pkg. Eye Dressing/Wash |
| 1 pkg. Cold Pack | 2 pkg. Antiseptic Wipes |
| 1pkg. Plastic/Latex Glove | 1 pkg. Scissors and Tweezers |
| 1 pkg. Rescue Breather Mask | 1 pkg. Burn Compound, 1/8 oz. min |
| 1 pkg. Soothe-a-sting | 2 pkg. Triangular Bandage, 40" |

» » » Two Emergency Blankets must be available

Rescue Devices



Ring Buoy

- rope attached
- rope free of knots and frays

Reaching Poles

- One or more for every 1500 sf
- One or more with a double crook life hook



Signs

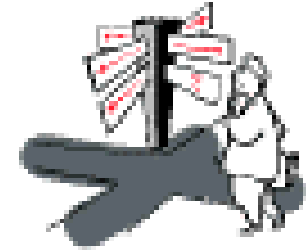


Proper Signage Prohibits:

- Running or horseplay
- Food or drink in pool water
- Use by persons under the influence of drugs or alcohol
- Use by persons with a communicable disease



Signs



Proper Signage Also Includes:

- Warning that persons refusing to obey the rules are subject to removal from the premises
- Requirement of cleansing shower before entering the pool
- Location of the nearest emergency telephone

Routine Safety Checks

- Maintenance/Storage Rooms**
 - Closed
 - Locked
- Gates and Entrances**
 - Self-closing
 - Self-latching
- Emergency Alarm (spas only)**
 - Present and audible

Routine Safety Checks



Main drain

- **Secure**
- **No cracks present**



Skimmers/Inlets

- **Good condition (no cracks, baskets clean)**
- **Water level adequate**