

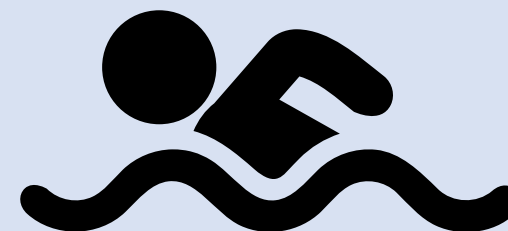


**MESA COUNTY  
PUBLIC HEALTH**

# AQUATIC FACILITY RESOURCES

## CONTENTS

- Aquatic Facility Requirements
- Pool Log Book
- Spa Log Book
- Chemical Requirements
- Self-Inspection Checklist



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# FACILITY INFORMATION

**FACILITY NAME:**

**FACILITY ADDRESS:**

**OPERATOR NAME:**

**CERTIFICATION #:**

**OPERATOR CONTACT  
INFORMATION:**

## REQUIREMENTS

All facilities are required to have:

- Certified pool operator (CPO)
- Proper testing equipment for all required chemicals
- A maintained log book that records readings as required by the code

### FOR POOLS:

Readings must be taken at least 3 times per day for required chemicals.

Only one of these readings must be done manually.

Electronic read-outs such as an automatic controller may be used for subsequent readings.

### FOR SPAS:

Readings must be taken at least every 2 hours of operation for required chemicals.

Only one of these readings must be done manually.

Electronic read-outs such as an automatic controller may be used for subsequent readings.



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# CHEMICAL REQUIREMENTS

CHEMICALS	POOL & SPECIAL USE		SPA		REMEMBER
	REQUIRED	IDEAL	REQUIRED	IDEAL	
Free Chlorine	0.25 - 5.0 ppm	1.0 - 3.0 ppm	No Change	3.0 - 5.0	Should you be out of range, the pool must be closed until it is brought back into range.
Combined Chlorine	0 - 1.0 ppm	0 ppm	No Change	No Change	Should you get an intense 'chlorine' smell from the pool or complaints of peoples eyes stinging, this may be the problem.
Bromine	1.5 -5.0 ppm	2.0 - 3.0 ppm	2.0 - 10.00 ppm	3.0 - 5.0 ppm	Should you be out of range, the pool must be closed until it is brought back into range.
pH	7.2 - 8.0	7.4 - 7.6	No Change	No Change	Should you be out of range, the pool must be closed until it is brought back into range.
Total Alkalinity	70 - 180 ppm	N/A	No Change	No Change	If you're having difficulty with your pH, it may be due to your alkalinity.



# CHEMICAL REQUIREMENTS (cont.)

CHEMICALS	POOL & SPECIAL USE		SPA		REMEMBER
	REQUIRED	IDEAL	REQUIRED	IDEAL	
Calcium Hardness	150 - 600 ppm	200 - 400 ppm	No Change	No Change	
Temperature	77°F-104°F	N/A	No Change	No Change	Should your pool read above 104°F, immediately close your pool.
Cyanuric Acid	20 - 100 ppm	20 - 40 ppm	No Change	No Change	Be cautious when adding Cyanuric acid, the only effective method for removal is the removal of water. Please note: The State of Colorado does not currently differentiate between indoor and outdoor pools. As a result, Cyanuric Acid is required in both.
ORP	250 - 900 mv	650 - 850 mv	No Change	No Change	
Saturation Index	-0.5 - 0.5	-0.2 - 0.2	No Change	No Change	Langlier Index
Ozone	N/A - 0.1	N/A	No Change	No Change	



# INSPECTION CHECKLIST

Ensuring your facility is free of hazards is essential for safe operation. Use this checklist as a guide for maintaining your pool as needed.

## LADDERS & HANDRAILS

IN

OUT

NOTES

Are they secure?			
Are all bolts covered?			
Are my bumpers secure?			
Are my treads in place?			

## SKIMMERS

IN

OUT

NOTES

Are my wires in place?			
Are my baskets empty?			
Are my lids cracked, chipped, or broken?			

## POOL WALLS & FLOORS

IN

OUT

NOTES

Are any debris at the bottom of my pool?			
Is there algae?			
Are my waterline tiles clean to touch?			
Is my paint or plaster beginning to chip?			



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# INSPECTION CHECKLIST (cont.)

Ensuring your facility is free of hazards is essential for safe operation. Use this checklist as a guide for maintaining your pool as needed.

**IN**

**OUT**

**NOTES**

## DECK

Is my deck free of trip/strike hazards?			
Is all pool furniture 5 feet from my pool edge?			

## GATES

Are all gates able to self-close and latch?			
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## LIFE-SAVING EQUIPMENT

Is my life ring in usable condition?			
Do I have a permanently attached rope?			
Is my Shepard's Crook in usable condition?			
Is all life saving equipment accessible to patrons?			

## MAIN DRAINS

Are all Main Drains in place?			
Are any debris blocking my drains?			
Are there any cracks or breaks in my drains?			

