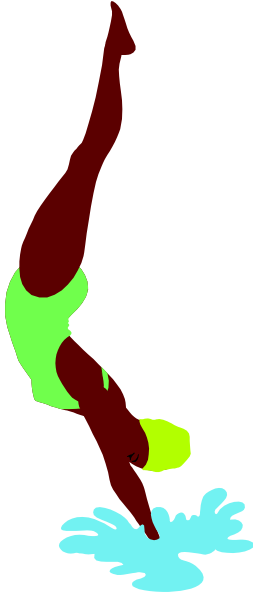


Pool Operator Checklist and Required Testing Sheet

POOL CHECKLIST



- Operation Records – *Refer to required testing chart*
 - Disinfectant
 - pH 7.2 – 7.8
 - Cyanuric acid, calcium hardness & total alkalinity
 - Chemicals added – when & how much
 - Filter backwashed, cleaned, or cartridge changed
 - Pool closures, reopening noted
 - Bacteria – monthly sample

- Safety checks
 - Clarity – main drain visible Underwater lights working
 - Gates, doors – self-closing, self-latching, lockable
 - Life saving equipment
 - First Aid kit - 4x4 pads, self-adhering tape, gloves, chem cold pack, band-aides
 - Emergency phone with calling instructions
 - Depth markers – every 25 ft, 4 inches high
 - No diving markers – every 25 ft, 4 inches high
 - Floatline - in place, clean, floats \leq 5 ft apart
 - Drain cover – missing or broken, VGB compliant documents
 - Skimmers – weirs in place, equalizers VGB compliant (plugged or VGB covers)

- Pool Rules (2 signs) no diving, no running, no rough play
- No lifeguard sign at each entry; children under 12 accompanied by adult

REQUIRED TESTING

Iowa Department of Public Health Swimming Pool Rules

Test	Frequency	Acceptable readings
Free Chlorine or Total Bromine	Before opening & every 4 hrs & (at least 2x daily with test kit)	1.0– 8.0 ppm Cl <i>Close < 0.6 or >8.0 ppm</i> 2.0–18.0 ppm Br <i>Close < 1.0 or >18.0 ppm</i>
ORP	Record meter reading with each test kit measurement	700 mV - 880 mV Close < 650 or >880 mV
pH	Before opening & Every 4 hours	pH 7.2 – 7.8 Close < 6.8 or >8.2
Combined chlorine	Weekly	0.2 ppm (suggested max)
Cyanuric acid (for outdoor use only) (if a stabilized chlorine is used)	Weekly	<i>Close at 80 ppm</i> <i>Reopen at 40 ppm</i>
Total alkalinity	Weekly	80 – 120 ppm (suggested)
Calcium hardness	Monthly	200 – 400 ppm (suggested)
Bacteria – Coliform	Monthly	Safe
Ground Fault Circuit Interrupter	Monthly	Proper functioning - electricity shuts off
Safety Vacuum Release System	Monthly	Suction pump shuts off

Spa Operator Checklist and Required Testing Sheet

SPA CHECKLIST



- Operation Records– *Refer to required testing chart*
 - Disinfectant Cl 2.0 - 8.0 ppm Br 4.0 - 18 ppm
 - pH 7.2 – 7.8
 - Water Temperature - 104°F maximum
 - Cyanuric acid, calcium hardness & total alkalinity
 - Chemicals added – when & how much
 - Filter backwashed, cleaned, or cartridge changed
 - Spa closures, reopening noted
 - Bacteria – monthly samples

- Safety checks
 - Clarity – spa bottom visible
 - Underwater lights working
 - Gates, doors – self-closing, self-latching, lockable
 - Emergency phone with calling instructions
 - Drain cover – missing or broken, VGB compliant documents
 - Skimmers – weirs in place, equalizers VGB compliant (plugged or VGB covers)

- Spa Rules posted
 - Persons w/ medical conditions, pregnancy, consult physician
 - Do not use if you have a contagious disease
 - Do not use after exercise or under the influence of drugs or alcohol
 - Do not use alone
 - No children w/o adult supervision
 - Max exposure 10 mins
 - No diving or jumping
 - Maximum depth (3 inches high)
 - Maximum patron load

REQUIRED TESTING

Iowa Department of Public Health Spa Rules

Test	Frequency	Acceptable readings
Free Chlorine or Total Bromine	Before opening & every 2 hours & (at least 2x daily with test kit)	2.0 – 8.0 ppm Cl <i>Close < 1.0 or >8.0 ppm</i> 4.0 -- 18.0 ppm Br <i>Close < 2.0 or >18.0 ppm</i>
ORP	Record meter reading with each test kit measurement	700 mV - 880 mV <i>Close < 650 or >880 mV</i>
pH	Before opening & every 2 hours	pH 7.2 – 7.8
Temperature	Before opening & when testing with test kit (at least 2x daily)	Max. 104 °F <i>Close above 104°F</i>
Combined chlorine	Daily	0.2 ppm (suggested max)
Cyanuric acid (for outdoor use only) (if a stabilized chlorine is used)	Daily	<i>Close spa at 80 ppm</i> <i>Reopen at 40 ppm</i>
Total alkalinity	When spa is refilled (and at least once per week)	80 – 120 ppm (suggested)
Calcium hardness	When spa is refilled	200 – 400 ppm (suggested)
Bacteria - Coliform & Pseudomonas	Monthly	Safe
Ground Fault Circuit Interrupter	Monthly	Proper functioning - electricity shuts off
Safety Vacuum Release System	Monthly	Suction pump shuts off