



WI Swimming Pool Facility Inspection Checklist

***Please Note: This list contains general guidelines. Individuals should refer to the DHS172 and Chapter Comm90, amendments and VGB compliance checklist for complete interpretation and requirements. Gas Chlorine requirements are omitted from list please refer to the above references.**

Chemical Storage/ Handling

- Chemicals labeled/stored properly
- Chemical Safety Equipment (mask, goggles, gloves)
- HAZMAT Identification Diamond posted on chemical storage area door(s)
- MSDS Sheets readily available for every chemical
- Proper ventilation

General

- Permit required: Fee & posted visible to public
- Clean & sanitary pool area 1x week
- Soap continually provided shower/hand
- CPO Certificate (posted in pool area)
- Daily Pool Log
- Operations Manual
- Test Kit (DPD)
- Vacuum

Lifeguards

(Requirements if lifeguards are present)

- Not Required for pools under 2000 ft²
- Plan submitted to DHS for staffing
- Lifeguard or Guard on clothing
- Lifeguard Certificate approved/CPR/Firstaid
- Rescue Tube & Whistle
- Spine Board
- Telephone in or adjacent to pool

Main Drains/ Suctions

See www.horizonpoolsupply.com for more suction safety compliance information.

- WI Compliant:
 - Requires plan submittal to Department of Commerce for approval
 - See Attached Plan submittal check list
- Federal Compliant:
 - Dual in parallel suctions (or) single unblockable cover (or) gravity drain system (or) Safety Vacuum Release System (SVRS)
 - AMSE/ANSI A112.19.8-2007 or later approved suction cover(s) with screws that meet manufacturer's specifications

Pool Structure

- Coping/deck expansion joint caulked
- Coping in good condition w/ handhold
- Depth Transition Line: 4" minimum width; contrasting color; only required if pool floor changes slope
- Inlets: 2 per circ. One additional per 300ft²
- Minimum 5' deck around pool w/ 3' from obstruction, proper slope/drainage & no pooling water
- No planters, pots, and/or plant containers on deck
- Skimmer & weirs flow 80%/20% main drain or Gutter 75%/25% main drain Reverse Flow - Skimmer 100%
- Skimmer equalizer cover VGB approved
- Water Level - weir 1/2 submerged; gutter continuous flow
- Additional strainer basket(s) cleaned daily
- Step Accent Lines: 1/2" - 2" width; contrasting color; leading edge only
- Step Size: min. 12" tread; max. 10" riser; non-slip

Equipment/ Plumbing

- Operated continuously except for seasonal or maintenance
- Flow Rate (minimum _____) TOR - 6hr pool; 30min spa; See chart DHS 172.11A for water attractions & DHS 172.11B for therapy pools
- Filter Pressure and/or vacuum gauge (dependent on filter)
- Backwash Filter @ (_____ or <)
- Cartridge Filter 2nd operational set available
- Automatic Disinfection Feeder with proper ventilation & anti-siphon
- Cal-Hypo require 2 tank system
- Safe Gas Chlorine operation please refer to DHS172
- Inline Thermometer
- Plumbing labeled: Directional flow and valves
- Posted chart explaining plumbing system
- Water feed with approved backflow preventer or 6" between potable and overflow point
- Feeder pumps connected to recirculation pump and separate disconnect switch
- Pump Discharge Gauge
- Label at air release valve on filter "Warning. Do not startup the system after maintenance without first opening the air release and properly assembling the filter and separation tank"

- Surface: smooth w/ white or light color
- Sufficient Lighting: 3 (out) or 10 (in) foot-candles (15 overhead no underwater lighting required)
- Emergency lighting activates 10sec after failure
- No direct vacuum fittings permitted

Signage

- No Diving (4" lettering) (unless pool meets code for diving)
- No Lifeguard on Duty (4" lettering)
- Pool Capacity
- Pool Rules (or equivalent) (1" lettering)

Spa

- Max Temp 104° F
- Spa capacity sign
- Spa rules sign
- Spa seat & step accent lines (1/2" - 2" width; contrasting color; leading edge only)
- Spa Timer (15 minute max)



Horizon AAE Seminars

- Emergency Stop tied to agitation and circ.

Safety

- Depth Markers: every 25' or less; 4" lettering minimum; must include FT & IN; must be accurate & contrasting color. On deck and vertical wall
- "No Diving" Markers: every 25' or less; required on every side and end; 4" lettering & symbol minimum
- Ladder(s): 3"-6" gap to wall; legs against wall

- Bench Below marker needed for benches in pool
- Life Hook w/ 12' straight pole
- Ring Buoy 20" < w/ 1/4" nylon rope attached that is 1.5 x pool width or 50'
- Ropes and floats required unless determined safety hazard to designate transition shallow/deep
- Step rails secure
- First Aid Kit/2durable blankets/biohazard disposal kit
- Non-Toilet Trained children require swim diapers
- Fecal Accident follow CDC. Document accident.

Security

- Working Phone in pool area (enclosed area)
- Current list posted with emergency numbers and facility location
- Controlled access to pool area
- Fence: 5' high, < 4" opening at bottom, < 4" opening elsewhere
- Gate(s): self closing, self latching, lockable, latches > 4' high
- Pool Lighting: 30 or 10 foot-candles depending on facility (see code)

Water Chemistry (min-max not ideal)

- Water Temperature 72-95 degrees for pools min outdoor 65 degrees (Cold pool posted temp 4" lettering)
- Testing 2x daily before pool opens & 1X peak operation for pH & disinfectant or Electronic monitoring 1x daily
 - 2x week combined
 - 1x week TA and Cyanuric Acid
- Whirlpool or therapy tested 4x daily 2 during use
 - 1x daily combined
 - 1x weekly TA
- Test Kit use DPD or FAS-DPD to .2ppm
- Alkalinity: 60-180 ppm
- Combined Chlorine: <0.5 ppm outdoor or <0.8 indoor
- Cyanuric Acid: <30 ppm
- pH 7.2 – 7.8 ppm
- Sanitizer: Max Chlorine <10ppm; Bromine <20ppm
Min _____ (DHS table 172.14)
- Bromine may not be used for Waterslide, slide, plunge pool or wave pool
- ORP/HRR – 650-850mV
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- Chlorine Generator/Ozone/UV must have additional disinfection system
- Water Clarity: bottom drains and floor clearly visible

- Complete code books can be downloaded at •
www.horizonpoolsupply.com