



POOL, SPA, AND LODGING PROGRAM

Fall 2021 Regional Webinar Meeting





Lodging Program Updates

Lodging Program Updates

- New Q&A (coming soon)
- Updating/Revising Guidance Documents (WIP)





Pool/Spa Program Updates

Adopting the MAHC

(Model Aquatic Health Code)

Rules Revision Process

The rules revision process will officially begin after the 4th Edition of CDC's Model Aquatic Health Code is released.

- Establish rules revision workgroup
- Develop draft rules with workgroup (early 2022)
- Convene full rules advisory committee (RAC) with draft rules (Spring 2022)
- Submit final rules for effective date of January 1, 2023 (Spring/Summer 2022)

Pool Closure Sign

Before

POOL CLOSED

By Local Public Health Authority

Pool has been found unsafe

This closure is for conditions requiring closure according to OAR 333-060-0255(1) or OAR 333-062-0205(1). The pool will remain closed until the condition is eliminated and verified by the Local Public Health Authority. The Closure Order can be viewed by contacting the operator of this pool. This sign to be removed only by an authorized representative of the Local Public Health Authority.

_____ Health Dept. Phone _____

**Removal or tampering
with this sign is prohibited.**



After

POOL CLOSED

By Local Public Health Authority

Pool has been found unsafe

This closure is for conditions requiring closure according to OAR 333-060-0705 or OAR 333-062-0255. The pool will remain closed until the condition is eliminated and verified by the Local Public Health Authority. The Closure Order can be viewed by contacting the operator of this pool. This sign to be removed only by an authorized representative of the Local Public Health Authority.

_____ Health Dept. Phone _____

**Removal or tampering
with this sign is prohibited**



Pool Closure Sign

Ordering Forms and Stickers

Use these forms to order all of your manuals, forms and stickers. The requisition forms shown here will always be the correct forms to use. Please follow the instructions on each form with regard to mail/fax numbers and contacts. These order forms are for county use only.

- OHA Requisition Form (pdf)
- Print On Demand Requisition Form (pdf)

PDFs of placards that are no longer in print or are not available to order from OHA:

- Did You Wash Your Hands? (pdf)
- Wash Your Hands-Universal (pdf)
- Dishwashing-Universal (pdf)
- Do Not Eat/Drink-Universal (pdf)
- Cooking Temps-Universal (pdf)
- Danger Zone-Universal (pdf)
- Datemarking (pdf)
- Pool Closed Sign (pdf)

<https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENT/FOODSAFETY/REGULATORS/Pages/index.aspx>

Field Training



FIELD TRAINING AVAILABLE DURING
PRE-LICENSING INSPECTION FOR
NEWLY CONSTRUCTED PUBLIC
AQUATIC FACILITIES



SPECIAL REQUESTS CONSIDERED
BASED ON AVAILABILITY OF
PROGRAM STAFF

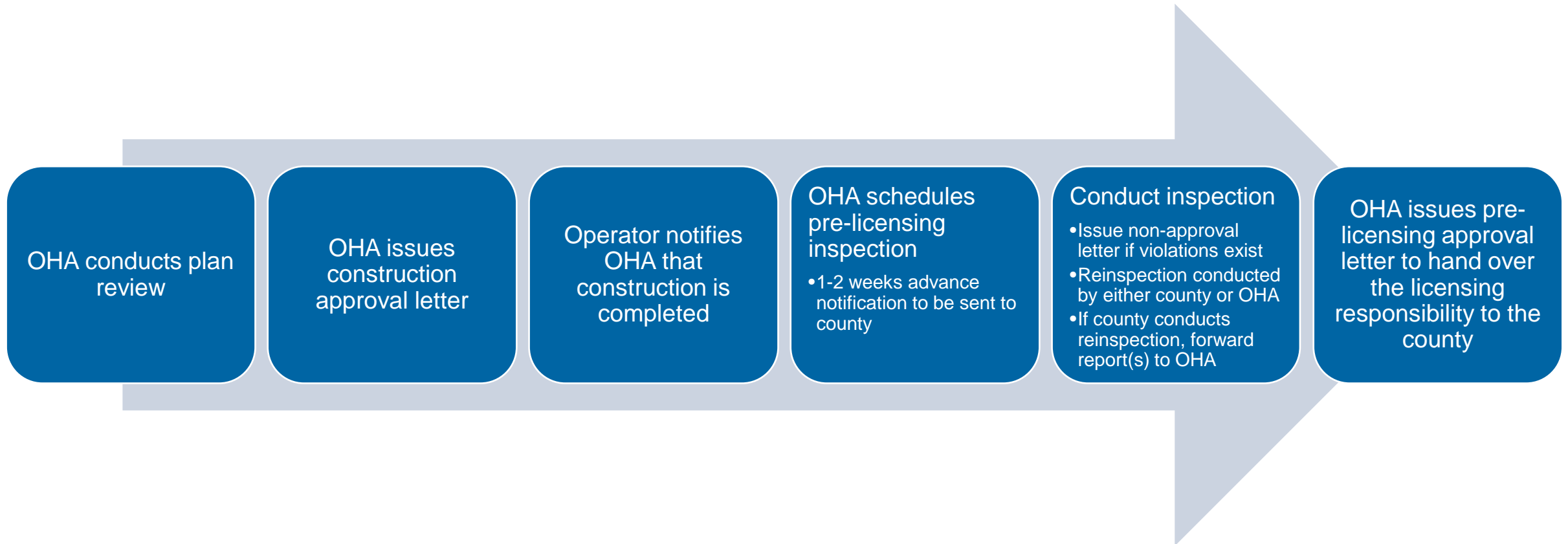
Other Pool/Spa Program Updates

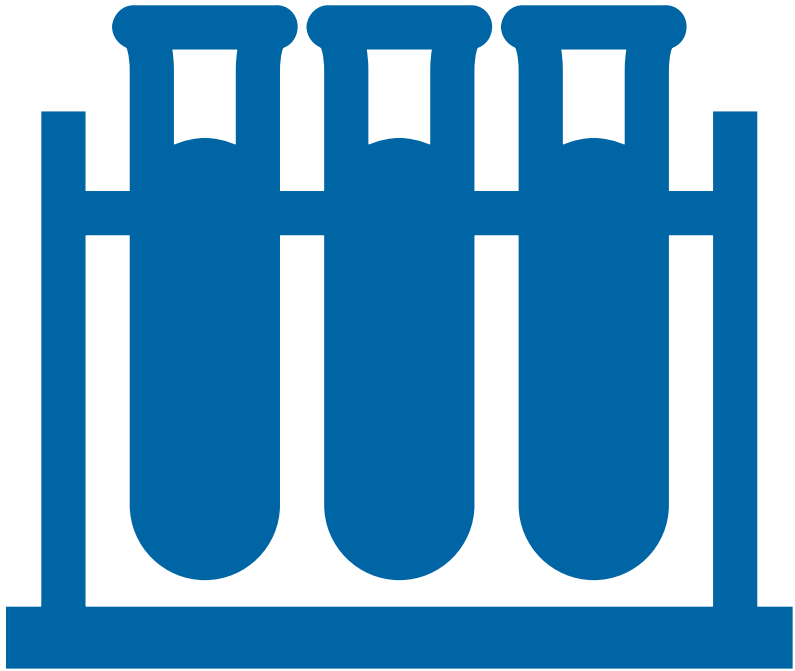
- New Q&A (coming soon)
- Guidance Documents and Fact Sheets
- Online Certified Pool Operator (CPO) training is now approved in Oregon
- American with Disabilities Act (ADA) Enforcement (WIP)



Pool/Spa Pre-Licensing Inspection

PRE-LICENSING PROCESS





Chemical Storage



Background

When undiluted chlorine-based disinfectants and muriatic acid (HCl) is mixed, it will create toxic chlorine gas

Incompatible Materials

- *Incompatible Materials* – Materials that, when mixed, have the potential to react in a manner which generates heat, fumes, gases or byproducts which are hazardous to life or property (OFC Section 202)
- *Incompatible materials* constitute a dangerous chemical combination whether in storage or in use.
- Safety data sheets (SDS) may not always provide all of the necessary information. When in doubt, seek additional information from the manufacturer of the chemicals involved, the building owner, or experts who are knowledgeable in industrial hygiene or chemistry.
- Materials that are incompatible with each other must be separated per the Oregon building/fire codes.

Applicable Codes



**OREGON ADMINISTRATIVE RULES
(OAR)**

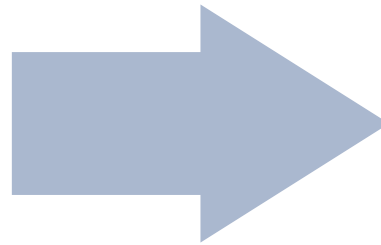


**OREGON FIRE CODE
(OFC)**

Oregon Administrative Rule (OAR)

OAR 333-060-0205 (3)(a)

OAR 333-062-0170 (3)



All parts and facilities of public swimming pools, spa pools, and bathhouses shall be kept clean, in good repair and free of safety hazards

Oregon Fire Code (OFC)

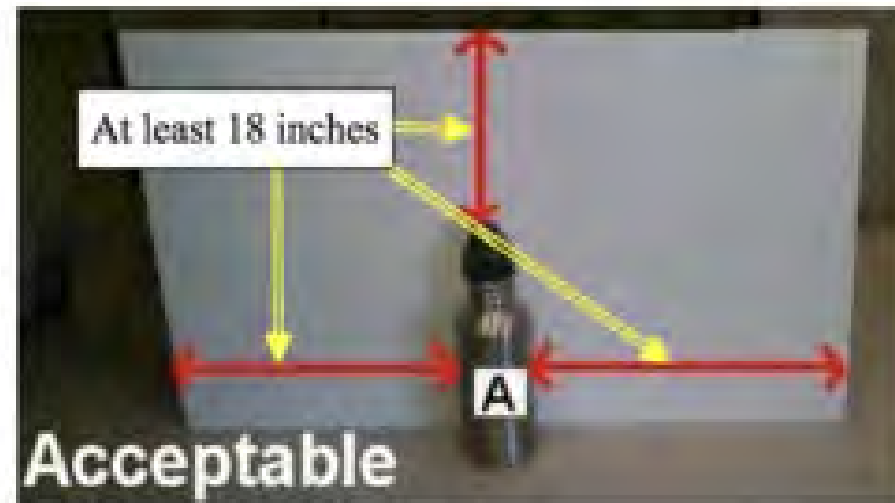
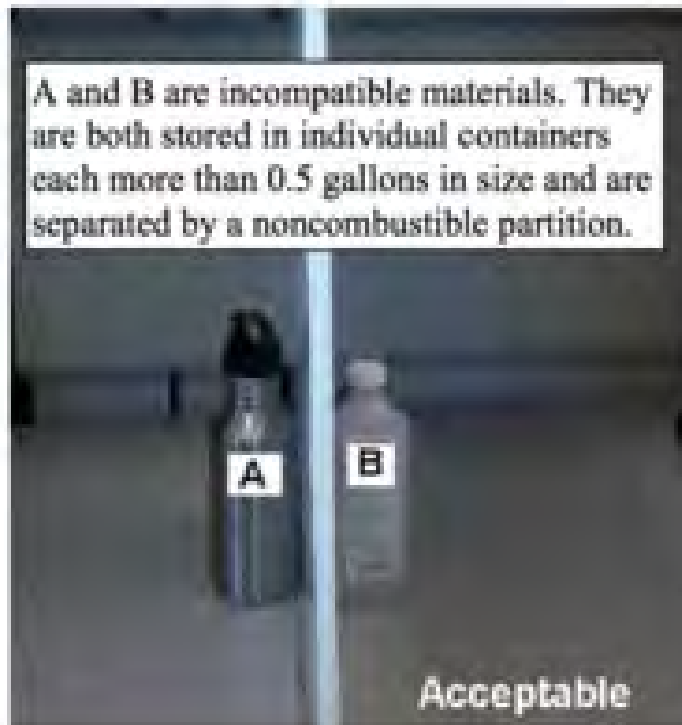
OFC Section 5003.9.8

Separation of incompatible materials. Incompatible materials in storage and storage of materials that are incompatible with materials in use shall be separated where the stored materials are in containers having a capacity of more than 5 pounds (2 kg), 0.5 gallon (2 L) or any amount of compressed gases. Separation shall be accomplished by:

- 1.) Segregating incompatible materials in storage by a distance of not less than 20 feet (6096 mm)
- 2.) Isolating incompatible materials in storage by a noncombustible partition extending not less than 18 inches (457 mm) above and to the sides of the stored material
- 3.) Storing liquid and solid materials in hazardous material storage cabinets
- 4.) Storing compressed gases in gas cabinets or exhausted enclosures in accordance with OFC Sections 5003.8.5 and 5003.8.6

Oregon Fire Code (OFC)

Incombustible Partition:



Referral



Cite the violation



Refer to local fire department

Note referral and referral ID on inspection report



Elevating Chemicals

- Pool chemicals in the equipment room should be elevated off the floor
- The materials and conditions that are allowed to be used for elevating products is contained in OFC Section 5003.9.9:

5003.9.9 Shelf storage. Shelving shall be of substantial construction, and shall be braced and anchored in accordance with the seismic design requirements of the *International Building Code* for the seismic zone in which the material is located. Shelving shall be treated, coated or constructed of materials that are compatible with the hazardous materials stored. Shelves shall be provided with a lip or guard where used for the storage of individual containers.



VGBA Enforcement

VIRGINIA GRAEME BAKER ACT

Virginia Graeme Baker Pool and Spa Safety Act

Regulates submerged suction fitting assemblies, drain covers, and public pool/spa suction systems

Enacted into federal law on December 2007

Placed into effect on December 20, 2008

Enforced by the Consumer Product Safety Commission (CPSC)

5 Types of Entrapment Hazards

Hair

Hair can get caught in a faulty or broken drain cover

Limb

Arms, legs, or fingers can become lodged in a suction opening

Body

Any body part that can cover a drain can be held down by suction

Evisceration

Sitting on a broken or uncovered drain can cause injuries or disembowelment

Mechanical

Jewelry or bathing suits can become entangled in a drain cover

Drain Cover Requirements

All drain covers must be permanently labeled with:

- Installed service life in years
- Certifying agency mark
- VGB 2008, ANSI/APSP-16, ASME/ANSI A112.19.8
- Maximum flowrate
- Location (floor/wall)

General Requirements

Must have at least 2 submerged outlets

Drains must be spaced 3 feet apart, measured from the pipe centerline

Located at the deepest end of the pool

Designed with sufficient open area so that the maximum velocity through the cover does not exceed the cover's listed flowrate

All hardware and fittings must be supplied by the manufacturer and installed according to the manufacturer's directions

Requirements for Retrofitted Drains

Any pool or spa with a single main drain other than a single unblockable drain must be equipped with a secondary anti-entrapment device/system

Main drains that are spaced less than 3 feet apart must be equipped with a secondary anti-entrapment device/system

Single Unblockable Drain

- September 2011 – CPSC changed the definition of unblockable drains
- The term unblockable is defined by the size of the opening in a pool/spa
- Facilities previously retrofitted with unblockable covers over blockable sumps required to add a secondary anti-entrapment device or implement other modifications to comply

Single Unblockable Drain

A drain is unblockable if the suction outlet, including the sump, has a perforated (open) area that cannot be shadowed by the area of the 18" x 23" Body Blocking Element of ANSI/APSP-16 2011, and the rated flow through any portion of the remaining open area cannot create a suction force in excess of the removal force values in Table 1 of that Standard

Secondary Entrapment Devices

- Safety Vacuum Release System
- Suction-Limiting Vent System
- Gravity Drainage System
- Automatic Pump Shut-Off System
- Drain Disablement
- Other Systems Approved by the Consumer Product Safety Commission (CPSC)

Enforcement Procedures

During an inspection, the operator is not sure if the main drains for a pool/spa is VGB compliant:

- 1. Close the pool**
- 2. Shut down the recirculation system *ensure chemical feeder is also turned off***
- 3. Operator submits (to county) supporting documentation (manufacturer specifications/certificate of compliance)**
 - Technician may need to verify compliance if supporting documentation is not available**
- 4. Reopen the pool**

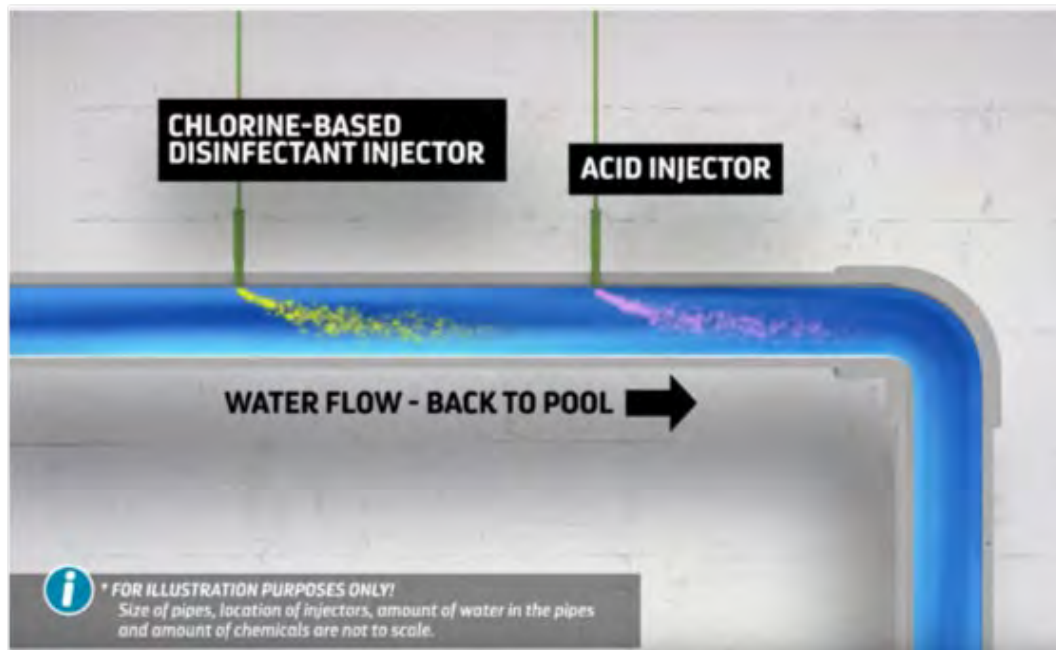
Enforcement Procedures

During an inspection, if the main drains for a pool/spa is broken, missing, or expired:

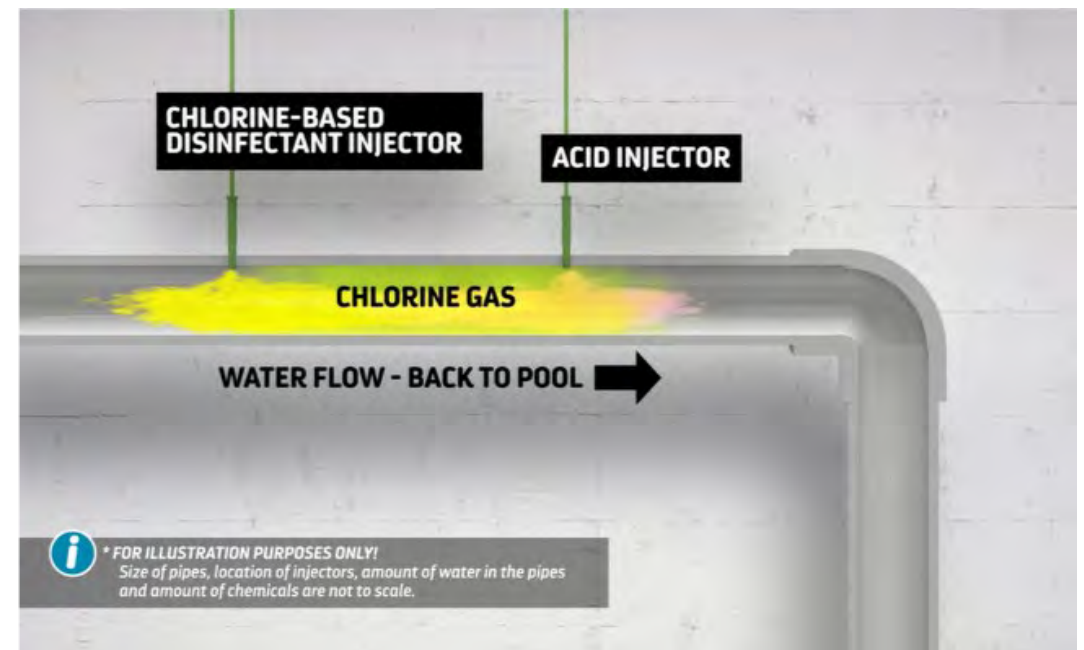
- 1.Close the pool**
- 2.Shut down the recirculation system *ensure chemical feeder is also turned off***
- 3.Operator submits(to county), manufacturer specifications/certificate of compliance**
- 4.After installation, operator submits (to county) letter stating that the drain covers were installed per manufacturer requirements and in compliance with ANSI/APSP-16.**
- 5.Reopen the pool**

Electrical Interlock

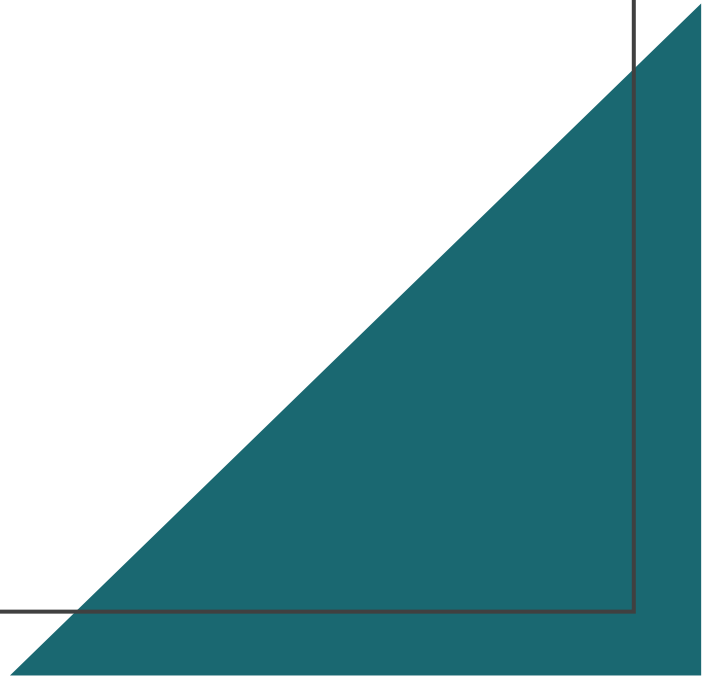
Normal Operation



Recirculation System Shut Off/Chemical feeder Operating



Q&A

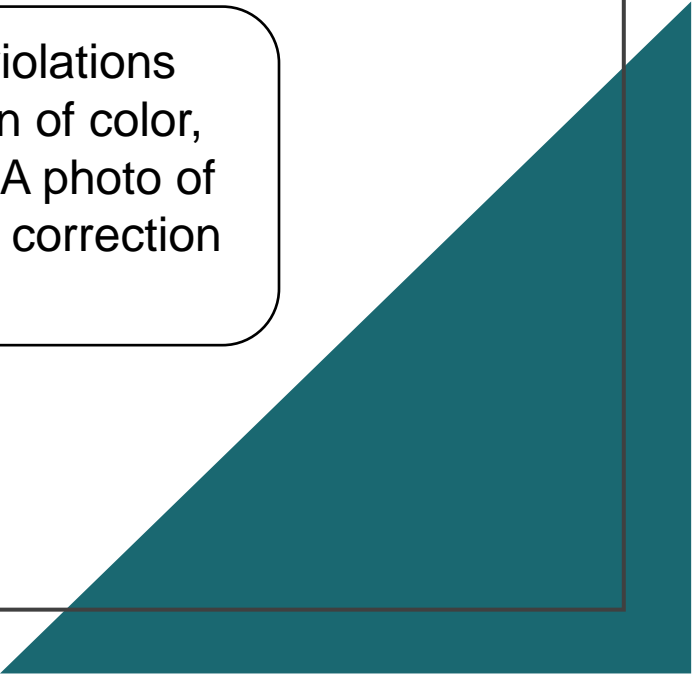


Q: When can I require an operator to renovate or repair a component of a pool or spa?

A: If a condition exists that may cause an injury or accident, the EHS may require the operator to repair or replace the affected component(s).

Q: Instead of conducting an onsite reinspection, can I follow-up with a phone call, video call, or email exchange?

A: Follow-ups via email exchange or video call may only be used for violations that are not listed in the closure criteria, does not require verification of color, texture, lighting, or functionality, and does not involve a large area. A photo of the corrected violation and/or written documentation confirming the correction shall be attached to the most recent/relevant inspection report.

A large teal-colored triangle is positioned in the bottom right corner of the slide, pointing towards the top right.

Q: What is the difference between free chlorine and combined chlorine?

A: Free chlorine is the form of chlorine that is available as a disinfectant that gets rid of harmful microorganisms in the water. Combined chlorine (chloramines) is the type of chlorine that develops when the free chlorine binds to contaminants in the water.

Q: I notice a strong chlorine smell coming from the pool. Is this normal since the pool uses chlorine as a disinfectant?

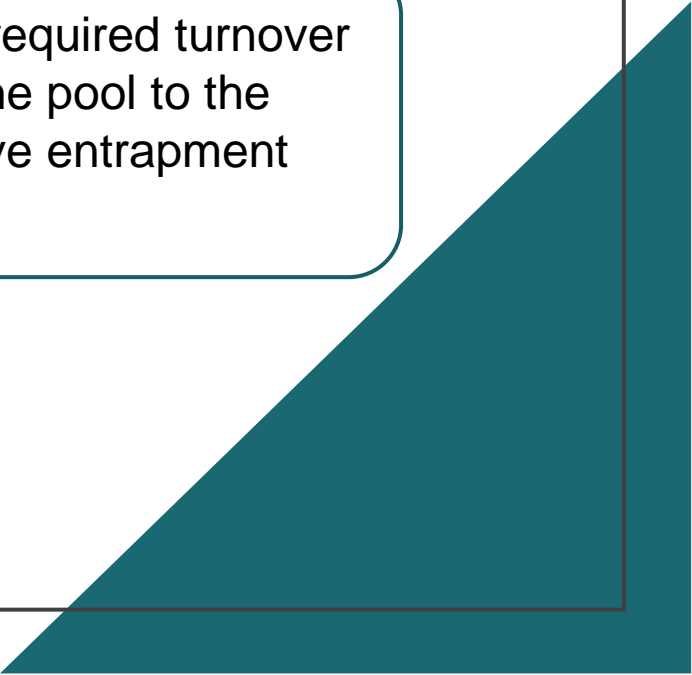
A: If you notice a strong chlorine smell coming from the pool, that's because there too much combined chlorine (chloramines) in the pool. Excessive chloramines in the water can irritate the mucous membranes, cause skin rashes, and irritate the respiratory system when they gas off from the water.

Q: Can a lifeguard act as a lifeguard on duty while teaching a swim class or coaching for a swim team?

A: No. A lifeguard may not provide swim lessons or serve as a swim coach at the same time they are serving as a lifeguard for the pool.


Q: Is a pool or spa required to install submerged suction fittings or main drains?

A: No, a submerged suction fitting or main drain is not required if the required turnover rate is being met and provisions are included to completely drain the pool to the sanitary sewer or other approved location, by other means that have entrapment protection.

A large teal-colored triangle is positioned in the bottom right corner of the slide, pointing towards the top right.

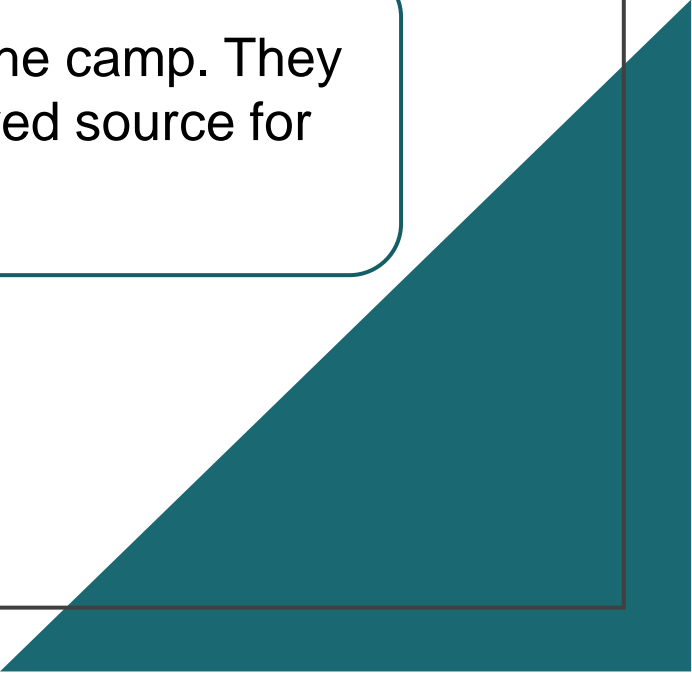
Q: When a mobile home park has recreational vehicles (RVs) that stay on-site and are used as a residence for an extended period of time (months), is it appropriate for the counties to license the spaces as part of a recreation park?

A: Based on our research, spaces used for RVs within mobile home parks that are leased or rented for three (3) months or less can be licensed as a recreation park. The three months is based on seasonal use and fits within the concept of a tourist facility.

A large teal-colored triangle is positioned in the bottom right corner of the slide, pointing towards the top right.

Q: An organizational camp wants to expand their operation to preparing and delivering snacks for an after-school program. Is an organizational camp license suitable for this purpose?

A: No. The Organizational Camp license is for food service at the camp. They would need a restaurant license to be considered an approved source for other purposes.

A teal-colored triangle is located in the bottom right corner of the slide, pointing upwards and to the left.

Q: A licensed hotel had multiple pages of violations during the last inspection. Can we legally perform a reinspection at this facility since the traveler accommodation rules do not have a critical violations category?

A: The TA rules do not prohibit reinspections. Conducting several reinspections is acceptable, but you would not have the authority to close based upon the reinspection. Enforcement actions consist of civil penalties or license suspension/revocation. If the facility has not made corrections, the license can be suspended or revoked and/or civil penalties assessed under ORS 446.324. This is something that you should talk with your administrator and decide what actions to take. You may also need the support of your county commissioners.

Q:When inspecting hotels, where/how do you cite smoke detectors not working? The only place to cite non-working detectors is under the General Sanitation section, 333-029-0040, but this seems to minimize the importance of the issue. OAR 333-029 doesn't give us any authority to place any real weight on this seemingly significant safety issue. Can you add any insight about this?


A: Cite the violation under the General Sanitation section, 333-029-0040. Make note on the inspection report that a referral will be sent to the local fire department for follow-up. If provided, note referral ID on inspection report.

<https://www.oregon.gov/osp/programs/sfm/Pages/Smoke-CO-Alarms.aspx>

A large teal-colored triangle is positioned in the bottom right corner of the slide, pointing upwards and to the left.

Q: If an overnight RV park only allows RV's that are self-contained, is the operator still required to provide restrooms?

A: No. If the operator follows the provisions listed in ORS 446.340, they are not required to provide sanitary facilities.

A large teal-colored triangle is positioned in the bottom right corner of the slide, pointing towards the top right.

Questions?

Contact:

Taku Nagamine

takuho.nagamine@dhsosha.state.or.us

Desk: (971) 673-0448

Cell: (503) 867-5358

