

# 2018 Code Change Training

## 2018 International Swimming Pool and Spa Code (ISPSC)

### Significant International Changes





# Agenda

## Significant 2018 ISPSC Changes

- In chapter order

## Chapter 2

# Definitions



# Four (4) Definitions are Updated

- All four were **updated to be consistent** with other VA codes

Alteration

Approved Agency

Owner

Repair

# Updated Definition for *Alteration*

“Any construction or renovation to an existing pool or spa other than repair that requires a permit.”





# Updated Definition for *Approved Agency*

“An established and recognized agency regularly engaged in conducting tests or furnishing inspection services, or furnishing product certification where such agency has been *approved* by the code official.”

- Definition is now consistent across other codes (VCC, VRC, VECC, and others)



# Updated Definition - *Owner*

- Definition now consistent with the VCC, SFPC, and VPMC



# Updated Definition for *Repair*

“The restoration to good or sound condition reconstruction or renewal of any part of a pool or spa for the purpose of its maintenance or to correct damage.”





## Chapter 3

# General



## 302.6 – Wastewater Discharge

- Adds "shall be through an air gap" (...in accordance with the IPC or IRC as applicable...)
- Not technically new – but it helps ensure the air gap requirements from the VPC/VRC aren't overlooked



# VECC R403.10.3 & C404.9.3, VRC N1103.10.3

**Covers (for residential and commercial outdoor heated pools and permanent spas)**



**Exception:** Where more than ~~70~~ 75 percent of the energy for heating, computed over an operating season of at least 3 calendar months, is from site-recovered energy such as from a heat pump or solar on-site renewable energy source system, covers or other vapor-retardant means shall not be required.

# 307 – General Design

## Section Reorganized for Clarity

- Section better organized by starting with common requirements for **all** pools and spas
- Then includes requirements that apply to **all except** listed/labeled portable residential spas



## 316.2 – Listing and Labeling

- Adds “hot water storage tanks” to the listing and labeling requirements
- Accommodates heat pump pool heaters as well as solar thermal pool heaters that incorporate a storage tank
- Listing standards added to table 316.2



heat pump water heater (for a pool)

# 316.6

## New Section for Solar Thermal (Pool) Water Heaters

- Installed, listed, and labeled per the VRC or VMC







### **318.2 - Protection of potable water supply**

- Adds "backflow prevention assembly" (per VRC or VPC) as an alternative to an air gap.

# 401.1 - Scope

- Wading Pools are added (Class F) to the scope statement for Chapter 4 – Public Pools
- Means that **all requirements of Chapter 4 that reference type F pools apply**, not just section 405 (Wading Pools)







## 401.4.1, 401.6

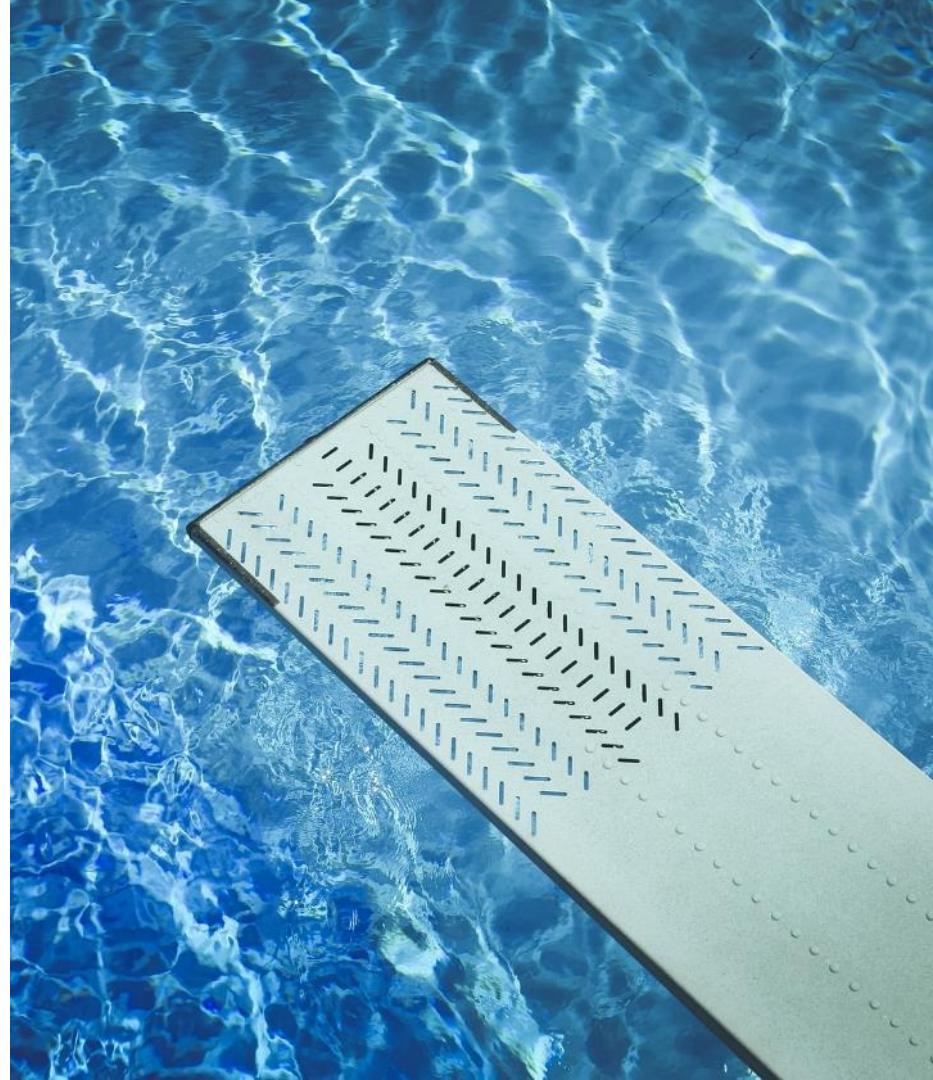
### Class A (competition) pool tolerances and dimensions

- New language clarifies who is responsible for determining tolerances and dimensions, which is the **"authority that provides the accreditation of the pool for competitive events"** (and **not** the code official)

# 402.2, 402.3

## Diving Equipment and Installation

- This section has been expanded to state that manufactured and fabricated diving equipment must comply with ALL parts in this section.





# 410 – Dressing and Sanitary Facilities (Class A & B)

- Section 410 is renamed, and is now specific to toilet facilities
- The VPC or VBC does not include dressing facility requirements, so it didn't make sense for this section to make that reference.



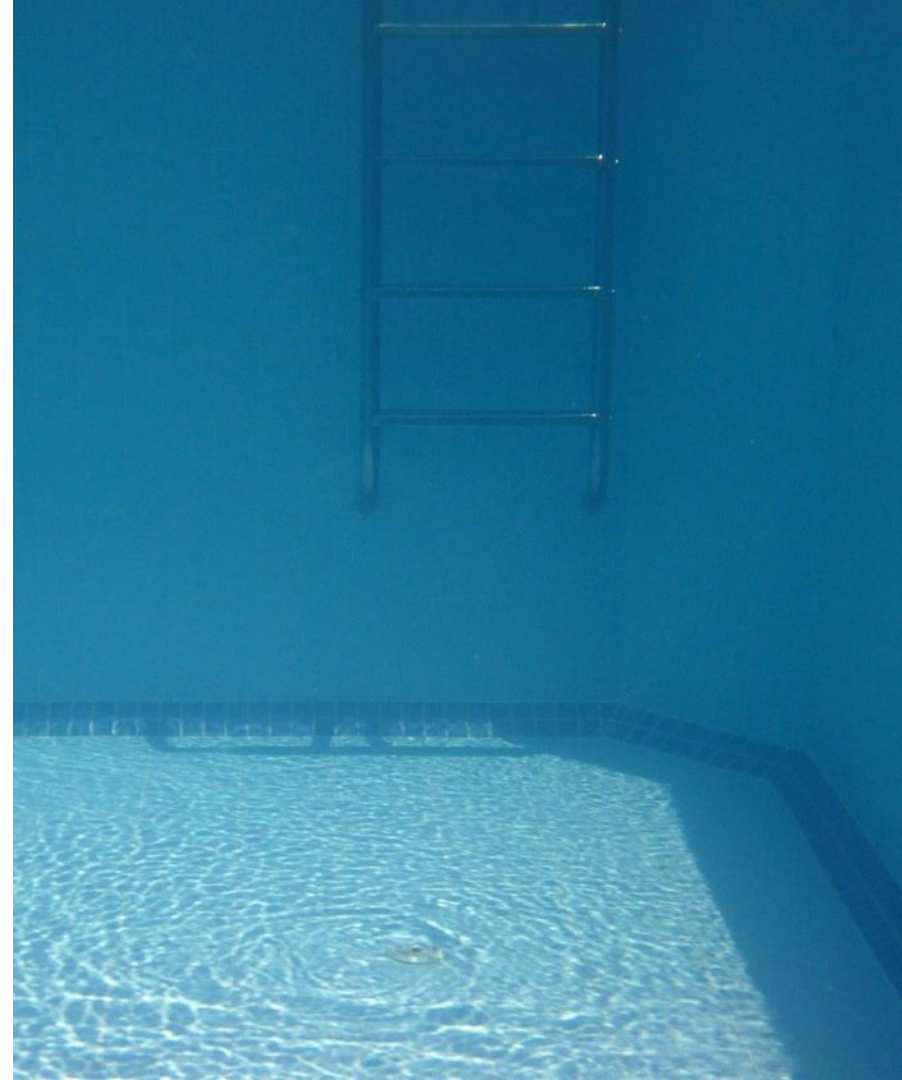
# No Significant Changes to:

- Chapter 5: Public Spas/Exercise Spas
- Chapter 6: Aquatic Recreational Facilities
- Chapter 7: Onground Storable Residential



## 809.3 – Secondary Entries and Exits

- **New Exception:** Where the required placement of a means of exit from the deep end of a pool would present a potential hazard (like being too close to the diving area), **handholds shall be provided as an alternative** for the means of exit.
- *See section 323 for handhold requirements*





## 809.5 – Pool Stairs

- This section has been updated to be consistent with the ANSI residential inground pool standards.
- Stair measurements are to be based on the centerline of the "walking surface area" vs the centerline of the stairs.

# Skill Check!





# Thank You for Attending!

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