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Summary of TRC Call Agenda for 6/22/20

The following is a summary of phone-based discussions for Change Requests (CRs) addressed by the Technical Review Committee (TRC) for the week of 6/22/2020. A link the recording of the call can be viewed at the CMAHC's Youtube channel by visiting our website at <https://cmahc.org/technical-review-committee.php>.

Members Present: James Amburgey, Kevin Boyer, Jodi Jensen, Joe Laco, Cindy Marshall Ellen Meyer, Chris Nelson, Jason Schallock, Joe Stefanyak, Amanda TARRIER, Miklos Valdez

Members Absent: Michele Hlavsa, Tina Moore

4.12.8.6.4-0001: This CR was being revisited by the TRC as they had recommended proposed changes. It will be moved to the 7/13 call in order for the CR Champion to be able to consult with the Interactive Water Play Venues Ad Hoc Committee on the modifications.

4.5.18: This CR proposes to limit the depth of areas adjacent to underwater shelves from 5 feet to 3 feet 6 inches, and to add requirements for stairs and handrails and depth markings for underwater shelves. When this CR was previously discussed, there were concerns regarding the requirements for steps and handrails if the drop between the shelf and the water was less than that required to have a step/handrail. The TRC discussed that the MAHC no longer includes a definition for underwater shelf, but that in this case the term could be used not in all capital letters and a definition could be proposed in the next change request cycle. The TRC proposed modified language to address the concerns about depth markings on the shelf not being necessary in all instances. The CR champion will bring the proposed language back to the MAHC/ISPSC Standing Committee for review, and this CR will be revisited on the 7/13 TRC call.

3.2-0038: This CR proposes to amend the definition of "No Diving Marker" to include only the universally recognized symbol and no longer the words "No Diving." The TRC will delay vote on this CR due to changes to CR 4.5.19.4 (see below) and both CRs will be revisited on the 7/13 TRC call.

4.5.19.4: This CR proposes to remove the requirement for the wording “No Diving” to be included along with the universally recognized symbol for no diving. Several members were concerned about removing the requirement for the wording. The TRC discussed that the four inch lettering requirement for the words “No Diving” precluded the use of commercially available ‘no diving’ tiles which include the symbol and the words “no diving” in smaller letters. In addition, having the words “No Diving” spelled out around the pool in 4 inch lettering at 25 foot intervals has aesthetic issues. The TRC proposed leaving in the requirement that the words “no diving” be included but removing the requirement that the words “no diving” be in 4 inch high lettering. The CR champion will bring the modified language back to the MAHC/ISPSC Standing Committee for review, and this CR will be revisited on the 7/13 TRC call.

4.7.1.3.1.1.1-0002: This CR proposes to add language to specify that alternative designs for in-pool circulation can be allowed if the adequate engineering justification uses a CFD model of the pool. It was considered along with CR 4.7.1.3.1.1.1-0001, which proposes removing the section on allowing alternative designs with the rationale that it is already addressed by section 4.7.1.3.1.4. The TRC agreed and unanimously recommended a “No” vote on this CR as they recommended a “Yes” vote on CR 4.7.1.3.1.1.1-0001. One TRC member abstained from the vote as he was on the MAHC/ISPSC Consistency Standing Committee that proposed the CR.

4.7.1.3.1.1.1-0001: This CR proposes removing the section on allowing alternative designs with the rationale that it is already addressed by section 4.7.1.3.1.4. The TRC agreed and unanimously recommended a “Yes” vote on this CR.

4.7.1.4.1.1.2-0001: This CR proposes to add language to specify that alternative designs for perimeter overflow systems can be allowed if the adequate engineering justification uses a CFD model of the pool. Some TRC members felt that the proposed wording unintentionally required use of CFD models for alternative designs and questioned whether there were other means to provide adequate engineering justification that were thus excluded. The TRC proposed adding a section instead using language similar to MAHC 4.7.1.3.1.4, and adding information to the annex with examples of what would constitute adequate engineering justification. The CR champion will bring the modified language back to the MAHC/ISPSC Standing Committee for review, and this CR will be revisited on the 7/13 TRC call.

4.7.1.6-0001: This CR proposes numerous changes to the section on submerged suction outlets, including updating the reference to ANSI/APSP-16 to the 2017 edition, and also deletes out a number of subsections. The rationale for deleting the sections was that the 2017 edition should address these code items; however members were concerned that these sections were originally included because they were not addressed in the ANSI/APSP standard and wanted to ensure that requirements being deleted did not result in less protection or restrict design options currently allowed in the MAHC. The TRC CR champion will do a section by section comparison of 4.7.1.6 with ANSI/APSP-16 2017. This CR will be revisited on the 7/13 TRC call.

4.7.1.6.1-0001: This CR would add “or any successor standard recognized by the CPSC” to the requirement that submerged suction outlets, including sumps and covers, be certified, listed and labeled to the requirements of ANSI/APSP-16 2011. It will be revisited on the 7/13 TRC call as it is similar to CR 4.7.16.-0001 and the TRC will vote on both at that time.

4.7.1.2.2-0001: This CR proposes to change the term secondary disinfection to secondary treatment to allow for crypto removal by other processes (such as filtration) which are not disinfection. It also proposes to require a secondary treatment with a 1 log Crypto reduction for all combined venue treatment systems that include a pool. The TRC felt the intent of the CR was good but that the wording needed modification. In addition, the definition of secondary disinfection would need to be changed to secondary treatment, and secondary disinfection where used in the MAHC would also need to be changed to secondary treatment, which may necessitate additional changes to avoid unintended consequences. The TRC and CR champion will work on modifications to the CR, and it will be revisited on the 7/13 TRC call.

5.7.2.3.2-0001: This CR would remove the statement that exempts requiring precoating of the filters to be in closed loop (precoat) mode to minimize the potential for media or debris to be returned to the pool if the filters are certified, listed and labeled to NSF/ANSI 50 by an ANSI-accredited certification organization to return water to the pool during the precoat process. The TRC agreed with the submitter’s rationale and unanimously recommended a “Yes” vote on this CR.

5.7.2.3.3.1-0001: This CR would remove the exemption that allows flow through the filter to be interrupted when switching from precoat mode to filtration mode if the filters are certified, listed and labeled to NSF/ANSI-50 by an ANSI-accredited certification organization to return water to the pool during the precoat process. The TRC agreed with the submitter’s rationale and unanimously recommended a “Yes” vote on this CR.

The TRC was unable to address the remainder of the CRs on the agenda; they will be moved future call agendas.