IV NSF/ANSI 24 Business

RV Task Group Update

Dean Foster began by saying that the task group is in need of additional help, and asked that anyone interested in participating contact S. Kozanecki. At that time, S. Cavanaugh, Ken Choquette, M. Clark, Vito Petrozza, and M. Ocedek agreed to participate.

R. Powitz made the recommendation that some of the requirements from NSF/ANSI 24 could be incorporated into NSF/ANSI 14, which would allow the scope of NSF/ANSI 24 to be expanded. N. Kashefi agreed that this would be beneficial.

The committee spent some time gaining a more comprehensive understanding of NSF/ANSI 24. M. Ocedek stated that there are several other consensus standards for Recreational Vehicles, and inquired into how NSF/ANSI 24 fits into the industry. W. Bryce stated that the RVIA has a standard, and asked if it references NSF/ANSI 24. He was informed that while the Canadian standard is primarily through CSA, there is an analogous standard through the U. S., which references NSF/ANSI 24. K. Choquette asked for an example of something that NSF/ANSI 24 addresses which is not addressed in NSF/ANSI 14. An example was provided (NSF/ANSI 24 has requirements for durability and lifecycle of water seal toilets).

It was stressed that while NSF/ANSI 24 is a sound standard, it is in need of further cleaning and development to make it a more robust standard. S. Cavanaugh pointed out that the industry demand for the standard has weakened over the years. He agreed that it has potential and that NSF should seek to find relevant areas in the industry where there is a need for NSF/ANSI 24 to be referenced. This would help stakeholders recognize the need for the standard. R. Powitz stated that the CPHC has seen an increase in things concerning recreation and suggested that NSF continue to research the market for NSF/ANSI 24.

W. Bryce pointed out that before the 2006 version was published, a lengthy discussion about the scope of NSF/ANSI 24 took place. He suggested referring back to the conclusion that was made then. S. Kozanecki agreed to distribute those meeting minutes to JC. N. Kashefi stressed that more involvement is much needed in further developing this standard.

W. Bryce requested that the task group make a full present to JC next year to continue to update and educate the members on the standard.

Inlet Connections (PLAS-2007-10)

Julie Chappen presented Nancy Bednarz’s issue paper to the Committee. She pointed out that the changes are proposed to be made Section 10 and would change the allowable diameter of
the inlets to distinguish between black and grey water uses. The justification given for this change is from NFPA 1192, which allows for different diameters.

G. Runyan suggested mandating one size if it is desirable to make a differentiation, and therefore, proposed removing “minimum” for 1.5”. Jerome Hoover pointed out that the requirement is necessary for toilets. D. Foster stated that secondary toilets can use 1.5 in diameter piping, but primary toilets generally require a larger diameter. M. Ocedek stated that the goal is to permit smaller sizes, but it should not be limited to liquid as it is in the current language. Therefore, he proposed striking liquid from the sentence, such that it reads, “waste tank inlets should be vertical and should be minimum 1.5 in diameter.” J. Hoover suggested adding a separate requirement for liquid holding tanks. He pointed out that if a different body waste transfer method is used, a smaller inlet is feasible for use.

After some discussion, the Committee agreed to refer this issue to the existing RV task group.

IAPMO TS 12 (PLAS-2007-11)

J. Chappen presented this issue paper to the Joint Committee. She stated that this change is a clarification to section 12, where the reference to TS-12 implies that materials testing should be done. However, this was not the original intent, as the materials testing is not applicable to the toilets for RVs. Therefore, the recommendation is that this would be specified.

S. Cavanaugh stated that it appears that IAPMO standards should be included in the references of NSF/ANSI 24, especially when sections are used rather than the whole of the standards. J. Chappen stated that as currently written, section 12 says that the toilets must comply with TS12; however, again, the intent was not that this would include the materials section. So some immediate clarification is needed.

R. Powitz recommended referring it to the task group. A. Ciechanowski argued that this problem should be addressed as immediately as possible, and J. Chappen agreed, stating that it is a minor change that should be incorporated for necessary clarification.

**Motion:** W. Bryce moved to accept the change as discussed and refer it to the task group to continue revising the language. Seconded by R. Konyndyk.

**Vote:** All in favor.

*Motion carries. The language revision will be balloted and the issue will be referred to the existing RV task group for further review.*

Materials Testing (PLAS-2007-12)

J. Chappen introduced this issue paper, stating that it proposes changes to sections 11 and 12 to reference ANSI Z124.4 and removing the requirements of section 4 (structural strength/integrity) and section 5.3 (wear and cleanability) where they are not applicable. J. Chappen stated that other sections of 24 (i.e., section 7) state that wear and cleanability does not apply because the requirements were meant for products used in built homes, not RVs. She maintained that because of the nature of RVs, they should not be held to the same requirements as a built home. Other standards have material testing stating that metals should be corrosion resistant where wear and cleanability are usually not included.

M. Clark inquired as to whether there are wear and cleanability standards implemented in Canada. S. Cavanaugh stated that the requirements in CSA are very similar to those in ANSI
Z124, and are working toward being more harmonized. This change, it was argued, will bring NSF/ANSI 24 into agreement with IAPMO and CSA standards. K. Choquette argued that cleanability is important.

**Motion:** S. Cavanaugh moved to approve the change. W. Bryce seconded.

**Discussion:** W. Bryce stated that he agrees that RVs should not be required to meet the same standard as built homes. G. Runyan argued that because RVs are a broad class of vehicles, and because some are residences that are occupied year-round, a clarification may need to be made. J. Chappen pointed out that the life expectancy of RVs is much shorter than that of a built home. Therefore, wear and cleanability should reflect the expected life of the product, regardless of what percentage of the year they are used.

**Vote:** All in favor.

*Motion carries. The language will be balloted as proposed.*

**Load Tests (PLAS-2007-13)**

J. Chappen presented this issue paper to the Joint Committee. Again, this change was proposed to add load tests to sections 11 and 12. This would reference IAPMO TS-1 (a standard for RVs that is nearly identical to the CSA requirements).

**Motion:** M. Clark moved to accept the language as proposed. Anthony Scarano seconded.

**Vote:** All in favor.

*Motion carries.*