VI New Issues Affecting Multiple DWTU Standards

I. Structural integrity (DWTU-2014-8)

Motion: Harmonize structural integrity requirements among DWTU standards. Ballot revisions as proposed below. K. Sauerbier motioned; T. Palkon seconded.

Discussion: T. Palkon stated that because products can be certified to multiple standards, inconsistencies in testing and evaluating products can be problematic. This is especially an issue with products originally tested and certified to one standard but then applying for certification to another standard with a more stringent requirement. T. Palkon referred to an example of a complete system tested to NSF/ANSI 42 requirements, but that later seeks certification to NSF/ANSI 44. The hydrostatic pressure test under NSF/ANSI 42 specifies 1.5 x the maximum working pressure (MWP) or 150 psi (whichever is greater), but NSF/ANSI 44 specifies 2.4 x MWP or 300 psi (whichever is greater.) It was confirmed that the operational cycle for the testing wouldn’t change.

To address this issue, T. Palkon proposed the following changes to NSF/ANSI 42, 44 and 53 standards for complete systems:

1. Complete system with pressure vessels < 8” = 3 x MWP or 300 psi (whichever greater).
2. Complete system with pressure vessels >/= 8” = 2.4 x MWP or 240 psi (whichever greater).
3. Valves and controls = 3 x MWP or 300 psi (whichever greater)

Cycle testing would remain the same, but would be revised to include the same product categories as the hydrostatic test.

L. Trapp raised the question of whether it would be possible for a customer to claim one pressure under NSF/ANSI 44 and then claim a different pressure under NSF/ANSI 42. T. Palkon stated that then the product would qualify for both.

Vote: All in favor.

Motion passed.