NSF Standard(s) Impacted: NSF Std 25

Background:
Provide a brief background statement indicating the cause and nature of concern, the impacts identified relevant to public health, public understanding, etc, and any other reason why the issue should be considered by the Committee. Reference as appropriate any specific section(s) of the standard(s) that are related to the issue.

An oversight excluded ICE VENDING MACHINES from the protections provided to water vending machines through the safety criteria in NSF Std 25 section 7. ICE VENDING MACHINES present the same risk factors as WATER VENDING MACHINES and logically (reasonably) require the same safety criteria.

Recommendation:
Clearly state what action is needed: e.g., recommended changes to the standard(s) including the current text of the relevant section(s) indicating deletions by use of strike-out and additions by highlighting or underlining; e.g., reference of the issue to a Task Group for detailed consideration; etc.

Food vending machines that vend potable ice must be provided with the same safety criteria as those that vend potable water. This requires a revision to Std 25 as follows:

7 Product Literature

The manufacturer shall provide a set of printed instructions for installation, operation and maintenance of the machine that include the following, as applicable:

Note: IPC is already being revised to become CIP (clean in place) in a separate NSF JC FE ballot process --

7.2 In-Place Cleaning and Maintenance

— Step-by-step instructions covering in-place sanitizing procedures along with recommended sanitizing solutions, their concentrations and potential suppliers;

— logical, sequential steps for routine internal and external cleaning, including recommended cleaning solutions, their concentrations, and potential suppliers; and

— the service manual shall include instructions that stipulate the water and ice vending machines shall be serviced once every calendar month or as close to 30 days as possible.

7.3 Replace/Replenishment Schedule

— a recommended maximum number of vends, sensor reading or water flow schedule for servicing/replacing filter elements, RO membranes, DI resins, UV lamps and other components with finite effectiveness;
— sanitation instructions for the safe handling of such replaceable materials, as applicable; and — trouble shooting guidelines for isolating malfunctions indicated by water quality test results.

7.4 UV or Other Disinfection System Servicing

— frequency of UV bulb replacement;

— type of UV test meter and testing methods for radiation intensity (unless in-machine sensors are provided);

— procedures and frequency for UV system cleaning to maintain an intensity of 16,000 µWs/cm² at 254 nm; and

— instruction in proper control setting, as necessary, to produce vended water of the quality claimed.

7.5 Parts Replacement/Replenishment

— frequencies for replacement or replenishment of filter element membranes and resins based on vend volumes that are consistent with suppliers’ recommendations.

— warnings against the use of such components that are not identical to the original material or equivalent in function and non-toxicity.

7.6 Vended Water and Ice Testing

A recommended semiannual frequency for sampling vended water and ice for total coliform and an at every service visit frequency for testing product waters for conductivity, taste, odor and turbidity.

Supplementary Materials (photographs, diagrams, reports, etc.):
If not provided electronically, the submitter will be responsible to have sufficient copies to distribute to committee members.

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