Summary of Substantive Changes
to the 2016 and the 2019 editions of
NSF/ANSI 4 “Commercial Cooking, Rethermalization, and Powered Hot Food
Holding and Transportation Equipment”

Presented to the IAPMO Standards Review Committee on October 16, 2020

General: The changes to this standard should not impact currently listed products. The substantive change is:
• Added an air gap as an acceptable option for backflow prevention in units intended for water supply connection (see Section 5.31.4.1)

Section 2, Normative references: References were updated as follows:

Section 5.31.4, Backflow prevention: Added an air gap as an acceptable option for backflow prevention as follows:
5.31.4.1 Units intended to be connected to a water supply system under pressure shall have one of the following:
— an air gap at least twice the diameter of the water supply inlet but not less than 1.0 in (25 mm); or
— a vacuum breaker that conforms to ANSI/ASSE 1001, Performance Requirements for Atmospheric Type Vacuum Breakers8 (for intermittent pressure conditions); or
— a vacuum breaker that conforms to ANSI/ASSE 1020, Performance Requirements for Pressure Vacuum Breaker Assembly8 (for continuous pressure conditions); or
— a backflow prevention device that conforms to ANSI/ASSE 1022, Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment; or
— a backflow prevention device that conforms to ANSI/ASSE 1024, Performance Requirements for Dual Check Backflow Preventers; or
— a backflow prevention device that conforms to ASSE 1032, Performance Requirements for Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers – Post Mix Type; or
— a statement in the installation instruction and on a label permanently affixed to the equipment that clearly indicates that the equipment is to be installed with adequate backflow protection to comply with applicable federal, state, and local codes.

Annexes: The Annexes were changed from alpha characters to numeric, preceded by a ‘Normative’ or ‘Informative’.