BSR/ASHRAE Addendum b

to ANSI/ASHRAE Standard 188-2018

Public Review Draft

Proposed Addendum b to
Standard 188-2018, Legionellosis:
Risk Management for Building
Water Systems

First Public Review (April 2020)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This addendum addresses the definitions section of Standard 188-2018. The process of developing Guideline 12 by SSPC 188 for use with Standard 188 identified several definition changes or additions that were needed to keep the two documents consistent with one another.

Note: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and strikethrough (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only those changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.

Modify Section 3 as shown. The remainder of Section 3 is unchanged.

3. DEFINITIONS

Informative Note: The users of this standard are expected to range from experienced professionals to those with no experience in managing the risk of legionellosis associated with building water systems. To effectively communicate with all users, the definitions of terms, abbreviations, and acronyms in this section are intended to be concise and are defined in the context of their use in this standard. Terms that are not defined are intended to have their ordinarily accepted meanings, within the context in which they are used, based on the Standard American English language usage as found in an unabridged dictionary.

building water systems: potable hot and cold water systems and nonpotable water systems in the building or on the site.

control limit: a maximum value, a minimum value, or a range of values to which a chemical or physical parameter associated with a control measure is monitored and maintained in order to reduce the occurrence of a hazardous condition to an acceptable level.

disinfectant: chemical agent or physical treatments used to kill or inactivate pathogens microorganisms.

disinfection: the process of killing or inactivating pathogens microorganisms.

epidemic potential: the capability of the organism to spread and infect others.

hazard: Legionella bacteria in a building water system that, in the absence of control, has the potential to cause harm to humans.

immunocompromised: a condition describing an individual who has increased susceptibility to infections due to
existing human disease or condition, medication regimens, or other types of medical treatment. (See at-risk.)

**Legionella:** the name of the genus of bacteria that was subsequently identified as the causative pathogen associated with the 1976 outbreak of disease at the American Legion convention in Philadelphia. *Legionella* are common aquatic bacteria found in natural and building water systems, as well as in some soils. This genus of bacteria can cause a pneumonia called Legionnaires’ disease or a flu-like illness called Pontiac fever when inhaled, aspirated, or directly introduced into the lungs of susceptible individuals.

[...]

**nonpotable:** water not intended for human consumption, such as water not intended for drinking, bathing, showering, hand washing, teeth brushing, food preparation, dishwashing, and maintaining oral hygiene.

**potable water system:** a building water distribution system that provides hot or cold water intended for human consumption, such as water intended for drinking, bathing, showering, hand washing, teeth brushing, food preparation, dishwashing, and maintaining oral hygiene.