



Shaping Tomorrow's Global Built Environment Today

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Bill McQuade
ASHRAE Society President, 2025-2026

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April 24, 2026

The Honorable Danilo Burgos
Chair
Consumer Protection, Technology and Utilities Committee
Pennsylvania House of Representatives
501 N. 3rd St.
Harrisburg, PA 17120

Re: HB 2085, "Legionnaires' Disease Risk Management"

Dear Chair Burgos and Members of the Consumer Protection, Technology and Utilities Committee:

I am writing on behalf of ASHRAE, the American Society of Heating Refrigerating, and Air Conditioning Engineers. ASHRAE, founded in 1894, is a global professional society of more than 54,000 members, including over 1,500 in Pennsylvania, that focuses on the engineering of building systems, indoor air quality, and resiliency. Through research, standards development, publishing, certification, and continuing education, ASHRAE shapes tomorrow's global built environment today.

Regarding HB 2085, "Legionnaires' Disease Risk Management," managing building water systems to minimize the risk of contamination from waterborne bacteria is an essential part of a comprehensive approach to water safety. Several of ASHRAE's industry-leading standards are directly focused on mitigating the risks of waterborne diseases, in particular Legionnaires' Disease. Legionella is a waterborne illness that can infect building occupants in many ways. Faucets, showers, toilets, decorative fountains, ice machines, hot tubs, and other equipment can all be a source of legionella contamination once in the water system. ASHRAE Standard 188 and Guideline 12 address all these sources with a comprehensive building water management plan:

- ASHRAE Standard 188-2021, [*Legionellosis: Risk Management for Building Water Systems*](#), provides minimum legionellosis risk management requirements for new and existing buildings and their associated water systems and components. The standard applies to commercial, institutional, multi-unit residential, and industrial buildings.

- ASHRAE Guideline 12-2023, *Managing the Risk of Legionellosis Associated with Building Water Systems*, is a supplement to this standard and provides detailed guidance for water management program teams to develop the necessary elements of an effective water management plan.

We support HB 2085 requiring building water management plans that are consistent with ASHRAE Standard 188-2021 and Guideline 12-2023.

Please do not hesitate to contact me or have your staff email GovAffairs@ashrae.org with any questions. Thank you for your consideration of this important matter and for working to ensure the health and well-being of building occupants.

Sincerely,

A handwritten signature in black ink, appearing to read "Bill McQuade". The signature is fluid and cursive, with the first name "Bill" being the most prominent.

Bill McQuade
ASHRAE Society President, 2025-2026