



Shaping Tomorrow's Global  
Built Environment Today

180 Technology Parkway, NW • Peachtree Corners, GA 30092-2977 • Tel: 404.636.8400 • Fax: 404.321.5478  
[www.ashrae.org](http://www.ashrae.org)

M. Dennis Knight  
2024-2025 ASHRAE President

Whole Building Systems, LLC  
921 Pitt St.  
Mt. Pleasant, SC 29464  
Phone: (843)437-3647  
Email: [dknight@wholebuildingsystems.com](mailto:dknight@wholebuildingsystems.com)

May 7, 2025

The Honorable Michael Tipping  
The Honorable Amy Roeder  
Chairs  
Joint Committee on Labor  
Maine Legislature  
100 State House Station  
Augusta, ME 04333

Re: LD 1407, "Indoor Air Quality Standards for Buildings"

Dear Chairs Tipping and Roeder:

I am writing on behalf of ASHRAE, the American Society of Heating, Refrigerating, and Air Conditioning Engineers, to express our support for LD 1407, "Indoor Air Quality Standards for Buildings," which is currently assigned to the Joint Committee on Labor. Due to technical concerns, we also ask that if this bill is enacted, the Board of Occupational Safety and Health consult with ASHRAE when developing the IAQ rules required by the legislation.

ASHRAE is a not-for-profit technical and professional society of more than 54,000 members, including over 200 members in Maine. As a technical society that exists to serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields, **we support that this legislation would require that indoor air quality (IAQ) standards be developed for buildings across the state in which public sector workers work.**

**We applaud the bill sponsors for including ASHRAE's consensus-based Standard 241-2023, *Control of Infectious Aerosols*, as a baseline for regulations developed to control infectious aerosols.** ASHRAE Standard 241 establishes minimum requirements for control of infectious aerosols to reduce risk of disease transmission in buildings, including requirements for both outdoor air system and air cleaning system design, installation, commissioning, operation, and maintenance. ASHRAE Standard 241 is meant to be applied in periods of elevated risk, for

example when the risk of transmission of pathogens like the SARS-COV-2 virus is high. Under these conditions, buildings would operate in “Infection Risk Management Mode,” and building operators would have the flexibility to choose between different equivalent clean air options based on what they determine is appropriate for that type of space, along with their specific energy use goals or cost restrictions. This flexibility makes Standard 241 a powerful tool for mitigating transmission risk that can be adapted for specific circumstances.

**We recommend that, should this legislation pass, the Board of Occupational Safety and Health consult ASHRAE for guidance on the technical content of the Indoor Air Quality rules.** Thank you for your consideration of ASHRAE’s comments, and we would be happy to answer any questions you might have. If you need additional information or would like to be connected to a technical expert, please contact [GovAffairs@ashrae.org](mailto:GovAffairs@ashrae.org).

Sincerely,

A handwritten signature in blue ink that reads "M. Dennis Knight".

M. Dennis Knight  
2024-2025 ASHRAE President

A handwritten signature in black ink that reads "Adrian Clements".

Adrian Clements  
ASHRAE Maine Chapter President

A handwritten signature in black ink that reads "Rae Pinyard".

Rae Pinyard, PE  
ASHRAE Maine Chapter Government Affairs Chair