



Shaping Tomorrow's
Built Environment Today

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2020-2021 ASHRAE President

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June 23, 2021

The Honorable Sen. Joseph F. Vitale
Chair
Senate Committee on Health, Human Services and Senior Citizens
PO Box 099
Trenton, NJ 08608

Sent via email to: SenVitale@njleg.org

Dear Chair Vitale:

I am writing on behalf of ASHRAE regarding Senate Bill 1878, which proposes to eliminate the smoking ban exemption for casinos and simulcasting facilities. ASHRAE, a not-for-profit organization founded in 1894, is a professional and technical society that focuses on building systems, energy efficiency, indoor air quality, refrigeration and sustainability.

ASHRAE encourages the Committee to support the proposed elimination of the smoking ban exemption. ASHRAE's Position Document on Environmental Tobacco Smoke (ETS), updated in July 2020, states that with regard to indoor environments with mixed occupancy of smokers and nonsmokers, "If smoking is allowed throughout a space or a collection of spaces served by a single air handler, with no effort to isolate or separate the smokers and nonsmokers, **there is no currently available or reasonably anticipated ventilation or air cleaning system that can adequately control or significantly reduce the health risks of ETS to an acceptable level.** This situation includes unrestricted smoking in homes, dormitories, casinos, bingo parlors, small workplaces, and open plan office spaces." (*ASHRAE Position Document on Environmental Tobacco Smoke, p. 9.*)

As a technical Society developing standards for indoor environmental quality, **ASHRAE holds the position that the only means of avoiding health effects and eliminating indoor ETS exposure is to ban all smoking activity inside and near buildings.** This position is supported by the conclusions of health authorities that any level of ETS exposure leads to adverse health effects, and therefore:

- The building and its systems can reduce only odor and discomfort but cannot eliminate exposure when smoking is allowed inside or near a building.
- Even when all practical means of separation and isolation of smoking areas are employed, adverse health effects from exposure in non-smoking spaces in the same building cannot be eliminated.
- Neither dilution ventilation, air distribution (e.g., "air curtains") nor air cleaning should be relied upon to control ETS exposure.

- For multifamily buildings, complete smoking bans inside and near them protects nonsmoking adults and children.
- Further research is needed from cognizant health authorities on the health effects of involuntary exposure in the indoor environment from smoking cannabis, using hookahs, using electronic nicotine delivery systems (ENDS), and engaging in other activities commonly referred to as vaping or using e-cigarettes.

Again, thank you for your consideration of SB 1878 and its proposed elimination of the smoking ban exemption, which ASHRAE supports. I am attaching a copy of the ASHRAE Position Document on Environmental Tobacco Smoke, which more thoroughly discusses this matter. ASHRAE would be happy to address any questions you might have. Please feel free to contact me or have your staff contact GovAffairs@ashrae.org.

Sincerely,

Handwritten signature of Charles E. Gullledge III, P.E. in black ink.

Charles E. Gullledge III, P.E., FASHRAE, HBDP, LEED AP
2020-2021 ASHRAE President

cc: New Jersey Senate Committee on Health, Human Services and Senior Citizens

Enclosure