



Optimizing health care facilities

Q3 ASHE Advocacy Liaison Report ISHE

14 September 2022

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a professional membership group of the American Hospital Association
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NFPA Update

NFPA Standards

- Current NFPA Cycle Activities
- Technical Meeting for 2022 Editions
 - 5 NITMAM's of concern reviewed by Health Care Committee

NFPA Standards

- NFPA 25 (3)
 - Non-system components are not to be supported from sprinkler piping
 - Approved – clarifies that items touching are not a violation
 - Concealed Sprinkler 5 year inspection
 - Rejected – to provide data for next edition
 - Annual inspection of the clearance between sprinklers and storage
 - Rejected

NFPA Standards

- NFPA 70
 - Electrical plug load demand Factors for hospitals updated
- NFPA 55
 - Maximum Allowable Quantities
 - Requirements consistent with tables in the Fire Code, but the Fire Code exempts health care from complying with the tables and refers code users to NFPA 99.

NFPA Standards

- 2023 Editions
 - NFPA 90A/90B
 - Second Draft Meeting Held
 - Report to be posted 28 February 2023
 - NITMAM Closing 28 March 2023
 - NFPA 70E, 99 & 101
 - Second Draft Meetings Held
 - Report to be posted 28 February 2023
 - NITMAM Closing 28 March 2023
 - **Note: Proposal for existing operational requirements rejected by NFPA 99 MEC Committee**

NFPA Standards

- 2024 Editions
 - NFPA 13, 72, 80, 101A, 105, 110 & 111
 - Public Input Closed
 - First Draft Report Posting 22 March 2023

ASHRAE Update

- **Task Force for Building Decarbonization**
- Determining and engaging with other organizations
- Providing information to policy makers
- Providing recommendations and best practices for industry stakeholders by:
 - Identifying existing portfolio of technical resources
 - Packaging these technical resources in a useful way
 - Providing tools for energy efficiency, embodied carbon, and reducing operational carbon
 - Identifying knowledge gaps and developing resources to address those gaps

ASHRAE TFBD and Health Care

- Standards integrating decarbonization into TPS
- Working group specific to health care
 - Developing Decarbonization Design Guide focusing on Hospitals

ASHRAE/ASHE 170

- ASHRAE/ASHE 170 Ventilation for HC Facilities
 - 2021 Edition Available via ASHE or ASHRAE
- No current addenda posted for public review
- Currently working on the following topics
 - OR Air
 - Reviewing proposal for OR's as clean rooms
- Fan assisted natural ventilation

ASHRAE/ASHE 170

- Guideline 43 - Operations Guideline for Ventilation of Health Care Facilities
 - PURPOSE: The purpose of this guideline is to provide information and guidance for the operation of ventilation systems that provide environmental control in new and existing health care facilities.
- Continuing to work on this guideline
 - TPS changes approved
 - Rejection of NFPA 99, Chapter 9, Operations will enhance need to complete this guideline prior to next NFPA 99 cycle

ASHRAE 514

- Risk Management for Building Water Systems: Physical, Chemical, and Microbial Hazards
 - The purpose of this standard is to establish minimum requirements to reduce illness and injury from physical, chemical, and microbial hazards from water systems in buildings.
 - Public review comments being reviewed and responded to by committee
 - Anticipate a 2nd Draft Independent Substantial (ISC) review to be issued towards end of this calendar year

ASHRAE Public Review

- Watch for notices within



CODES & STANDARDS

Health care ventilation standard open for public comment

A proposed addendum to Standard 170-2017, Ventilation of Health Care Facilities, is open for public comment.

HFM

ICC Update

ICC

- 2024 ICC Code Development Cycle
 - Public Comment Hearings Group B start today
- Have 2 Public Comments to address:
 - EB98 – Guards on Roofs – allow higher guards for patient safety around outdoor patient garden/exercise areas on a roof
 - PC for Disapproval – need to protect patients from self-harm
 - EB116 – Temporary Uses Appendix
 - PC to modify to address editorial concerns

ICC CHC

- CHC to testify concerning 8 other PC's
 - EB47, 48, 75, S 74, 75, 76, 77 &78 – Changes to Risk Category Tables increasing risk category requirements for health care facilities
 - S116 – Temporary Uses
 - G2 – Life Safety Components – adds confusion to the existing language

Project Firstline

Project Firstline – CDC National Training Collaboration



Project Firstline

Ashe.org/project-firstline



CLINICAL STAFF

Resources on infection prevention and ventilation for clinical staff.

[Access >](#)



FACILITIES MANAGERS

Resources on ventilation and negative pressure rooms for health care facilities managers.

[Access >](#)



CONTRACTORS/TECHNICIANS

Resources on ventilation and negative pressure rooms for outside contractors and technicians.

[Access >](#)

ASHE AHA
1.02K subscribers

Topics for Clinicians

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share

VIDEOS COVER
A WIDE RANGE OF
**VENTILATION TOPICS
FOR CLINICIANS**

Watch on YouTube



1) Select an Area

Patient Care Area

2) Select the best description of the main activity in this space

Examination room

Hide Results

Clear Filters

Selections: Patient Care Area: Examination room

1. Air Change Per Hour
6
2. Outdoor Air Change Per Hour
No Recommendation
3. Room Pressurization
No Recommendation
4. All Room Air Exhausted Directly to Outdoors
No Recommendation
5. Air Recirculated by Means of Room Units
No Recommendation

View the definitions of these terms by looking up their corresponding number in the table to the right.

Questions or Discussion?





Thank you!

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