



*Optimizing health care facilities*

# **Q4 ASHE Sustainability and Advocacy Liaison Webinar**

9 December 2020

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a professional membership group of the American Hospital Association  
155 N. Wacker Drive, Suite 400 | Chicago, IL 60606  
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# Agenda

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1. NFPA Update
2. Sustainability Guide and Energy to Care Newsletter
3. ASHRAE Update
4. Energy to Care Awards and Chapter Challenge
5. ICC Update
6. ASHE YouTube Energy Conservation Measures
7. FGI Update
8. COVID – 19 Resources
9. 2021 MTTF Topic Update
10. HCWH ASHE Cohort
11. 2021 Webinar Dates
12. Liaison Community
13. Upcoming Events

# NFPA Update

# NFPA 99 HCFC and 101 LSC

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- 2021 Editions now available
- 2024 Edition open for Public Comment
  - Public Input Closing Date: 1 June 2021
  - First Draft Report Posting Date 22 March 2022
- If you have issues now is the time to submit public comment!
  - <https://www.ashe.org/commentdevideos>
- If you have questions/concerns with language submit RFI to HITF
  - <https://www.nfpa.org/Codes-and-Standards/Standards-development-process/Technical-Committees/Advisory-and-Non-NFPA-Committees/Healthcare-Interpretations-Task-Force#INTERPRETATIONS>

- Provided Technical Committee with Research Information
  - Sprinkler System Support Analysis
  - Committee Input No. 116-NFPA 25-2020



Committee Input No. 116-NFPA 25-2020 [ Section No. 5.2.2.2 ]

Original

Hide Markup

#### 5.2.2.2

Sprinkler piping and hangers shall not be ~~subjected to external loads by materials either resting on the pipe or hung from the pipe~~ used to support non-system components.

#### 5.2.2.3

Nonmetallic sprinkler pipe shall not be subjected to non-system components touching the pipe .

### Submitter Information Verification

Committee: INM-AAA

Submittal Date: Tue Nov 10 20:50:43 EST 2020

### Committee Statement

Committee Statement: Clarifying, that what is in contact with the metallic pipe must be subjecting the pipe to weight to be an issue.

Response Message: CI-116-NFPA 25-2020

- Monthly Inspection covered with Annual Inspection



First Revision No. 52-NFPA 10-2019 [ Section No. 7.3.2.1 ]

Original Committee Hide Deleted

#### 7.3.2.1 Physical Condition.

An annual external visual examination of all fire extinguishers shall be made to detect obvious physical damage, corrosion, or nozzle blockage to verify that the operating instructions are present, legible, and facing forward, and that the HMIS information is present and legible, and to determine if a 6-year interval examination or hydrostatic test is due.

##### 7.3.2.1.1

At the time of the annual external visual examination, a check of at least the inspection items of 7.2.2 shall be conducted.

##### 7.3.2.1.2 Record.

###### 7.3.2.1.2.1

The record for the annual visual examination, including 7.3.2.1.1, shall be permitted to be recorded as required by 7.3.4.

###### 7.3.2.1.2.2

The record for the annual visual examination, including 7.3.2.1.1, shall not be required to be recorded in accordance with 7.2.4.

#### Submitter Information Verification

Committee: PFE-AAA

Submittal Date: Thu Sep 26 13:30:37 EDT 2019

#### Committee Statement

Committee Statement: Currently there have been AHJ's citing hospitals for not performing a monthly inspection during the month that the annual inspection is performed. This addition of the monthly inspection requirements within Section 7.2.2 will clearly indicate that the annual inspection should include the monthly inspection and that when an annual inspection is performed it will cover all aspects of the monthly inspection avoiding these types of citations.

Response: FR-52-NFPA 10-2019

Message:

[Public Input No. 179-NFPA 10-2019 \[Section No. 7.3.2.1\]](#)

[Public Input No. 122-NFPA 10-2019 \[Section No. 7.3.2.1\]](#)

# NFPA 10

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- Performance Based Inspection Language (Note numbered 16.9.1.3 in 2018 Edition)
  - Not Included in First Draft Report
  - Will submit for 2025 edition
    - Additional current data will be important



# NFPA Research

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- Door Gap
  - Completed 9 sets of doors
  - Have a couple more to complete
- Will be used to advocate for door gap changes
- Plug Load Demand Tables
  - Has been delayed due to pandemic
  - Moving forward with recordings
- Will be used to advocate for updated electrical demand tables
- Cybersecurity standards for alarm systems

# Sustainability Guide and Energy to Care Quarterly Newsletter

# Sustainability Guide



# Review of contents

The question "How do I get started?" is always top of mind when facilities managers venture down the sustainability road. The sustainability guide was developed to provide step-by-step directions for proceeding on a path toward sustainability.

STEP 1 - ESTABLISH A SUSTAINABILITY CHAMPION

STEP 2 - USE EDUCATIONAL RESOURCES

STEP 3 - TRACK ENERGY IN THE ENERGY TO CARE DASHBOARD

STEP 4 - DEVELOP AN ENERGY USE PROFILE

STEP 5 - COMPLETE A GHG EMISSIONS INVENTORY

STEP 6- ESTABLISH A GREEN TEAM

STEP 7 - SET TARGETS

STEP 8 - PERFORM AN ENERGY TO CARE TREASURE HUNT

STEP 9 - DISTRIBUTE MEDIA

STEP 10 - CREATE A SUSTAINABILITY PLAN

STEP 11 - IMPLEMENT PROJECTS

STEP 12 - CREATE A TRAINING PLAN

STEP 13 - DEVELOP A MV PROTOCOL

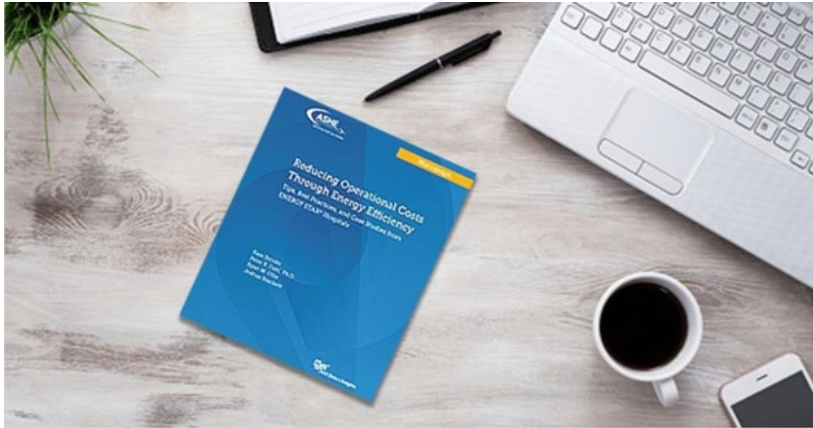
STEP 14 - EDUCATE

STEP 15 - CELEBRATE!

# Coming in 2021

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## Sustainability Guide Monograph



## Sustainability Checklist

# NEW! Energy to Care Newsletter!

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**October 2020**

*Welcome to the first issue of the Energy to Care Quarterly Newsletter. We hope it inspires you to reduce energy consumption, providing value to your organization and improving patient care.*

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# ASHRAE Update

# ASHRAE Overview

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- ASHRAE/ASHE 170 Ventilation for HC Facilities
  - To republish 2021
  - Planned to be included in all 3 FGI Guidelines
- ASHRAE 189.3 Design, Construction and Operation of Sustainable High-Performance Health Care Facilities
  - Finalizing alignment with 189.1
- ASHRAE 100 Energy Efficiency in Existing Buildings
  - ASHE representation on the SSPC
- ASHRAE 514 Minimizing Risk of Disease and Injury Associated with Building Water Systems
  - Working with the Committee to develop standard
  - Advisory Public Review March 2021



# ASHRAE/ASHE 170 - 2021

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- Following addenda to be included in update
  - Addendum a – Align Filter Requirements in Tables
  - Addendum b – Removes spaces covered in other standards
  - Addendum c – Guidance on incorporating air classifications
  - Addendum d – Outdoor Air Intakes
  - Addendum e – Testing of Drain Pans
  - Addendum g – Harmonization of non-healthcare spaces
  - Addendum h – Guidance on thermal comfort
  - Addendum i – Clarification of water used for humidification
  - Addendum j – Tables 8.1 (Specialty) and 8.2 (General) Outpatient spaces

# ASHRAE/ASHE 170 - 2021

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- Following addenda to be included in update
  - Addendum k – Table 9.1 Residential Health, Care and Support Spaces
  - Addendum l – Align Space Names with FGI
  - Addendum m – Align Behavioral and Mental Health terminology with FGI
  - Addendum n – Continues reorganization into 3 components
  - Addendum p – Unoccupied turndown and filtration alignment
  - Addendum q – Adds resident to differentiate from patient
  - Addendum r – Clarification of Nursing Home ventilation and filtration requirements
  - Addendum s – Clarification for All Rooms

# ASHRAE Continuous Maintenance

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- Continuing to work on additional addenda

- 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

# ASHRAE 188 Public Review

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- 30 Day Public Review 20 Nov – 20 Dec
  - Addendum f – Updates the reference for the Cooling Technology Institute Guideline

# SSPC 90.1 Public Review

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## 30 day Public Review

November 20, 2020 – December 20, 2020

### 3<sup>rd</sup> Public Review ISC of BSR/ASHRAE/IES Addendum *f* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

The original draft addressed confusion related to efficiency increases required to eliminate an economizer. This 3<sup>rd</sup> ISC draft makes additional improvements to language and italics as noted in a comment received during the second public review.

### 1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum *p* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

This addendum is proposed to capture additional energy savings by updating the requirements of 9.1.2 to close loopholes that allowed alteration projects to comply without meeting all the requirements of Chapter 9.

### 1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum *q* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

This addendum removes a duplicate requirement for Classroom/Lecture Hall/Training Room lighting in Table G3.7.

### 1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum *r* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

This addendum adds an exception to the requirement in Section 6.4.3.3.3. that requires optimum start controls for systems that employ DDC controls. The exception accounts for residential buildings which are not subject to scheduled occupancy times.

### 1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum *s* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

This proposed addendum removes the use of solar reflectance index (SRI) for walls and replaces it with the more accurate and relevant term, solar reflectance; SRI is still used when referring to roofs. The proposal also adds requirements for south-, east-, and west-facing walls to have a minimum solar reflectance of 0.30 in climate zone 0.

### 1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum *w* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

This addendum modifies Section G3.1.3.7 and Table G3.1.3.7 to clarify that baseline building design chillers should be sized based on the total peak coincident cooling load of baseline HVAC systems of type 7, 8, 11, 12 and 13. The current language requires that the building peak cooling load be used for sizing baseline chillers and this creates confusion in instances where a building may have a large portion of the cooling load served by DX cooling systems.

### 1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum *a* to ANSI/ASHRAE/IES Standard 90.2-2018, *Energy-Efficient Design of Low-Rise Residential Buildings*

The purpose of this addendum is to update normative references to their latest versions and to make one normative reference addition (ASTM E3158) to serve as an alternative test method for Whole Building Air Leakage compliance.

## 45 day Public Review

November 20, 2020 – January 4, 2021

### 1<sup>st</sup> Public Review of BSR/ASHRAE/IES Addendum *x* to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

This addendum updates Section 6 chiller requirements, specifically the cooling efficiency adjustment for centrifugal chillers (6.4.1.2.1) and requirements for chillers with a freeze protection fluid (6.4.1.2.2). As an additional change, “fluid” has replaced “water” wherever the heat exchanger fluid had been specified as such; this convention was introduced in 2010.

# ENERGY TO CARE AWARDS AND THE CHAPTER CHALLENGE

# Energy to Care Awards

- Award video [www.energytocare.org/energy-care-award-programs](http://www.energytocare.org/energy-care-award-programs)



**Celebrate the Energy to Care 2020 Award winners. To see this year's recipients click on each of the awards below.**

Managing a health care facility is hard work. It's important to celebrate when you and your team achieve substantial energy savings that improve your organization's bottom line – all while benefiting the environment and greater community.

Participate in an Energy to Care award program or engage in an ASHE Chapter Challenge to gain the recognition your team deserves and help your organization promote its commitment to sustainability.

**ENERGY**  
**to care** **H**  
**AWARDS**

[Learn More](#)

**ENERGY**  
**to care** **H**  
**CHAMPION**  
**AWARD**

[Learn More](#)

**ENERGY**  
**to care** **H**  
**CHAPTER CHALLENGE**

[Learn More](#)

# Chapter Challenge and Energy to Care Awards for 2021

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- Energy to Care Awards – Canceled
  - Chapter Challenge – Canceled



# ICC Update

- 2021 ICC Code Development Cycle (Group A = Majority of IBC, IFC, IMC, IPC, etc.)
  - Deadline for proposals = 11 January 2021
  - Posting of proposed changes = 1 March 2021
  - Committee Action Hearings = 11 April – 5 May (Virtual)
  - Online CAH Assembly Floor Motion Vote = 2 weeks following CAH's
  - Posting of CAH Report = 24 May 2021
  - Deadline for public comments = 2 July 2021
  - Posting of PC Agenda = 13 August 2021
  - Public Comment Hearings = 22 – 29 September, Pittsburgh, PA
    - Annual Conference = 19 – 22 September
  - Online Governmental Consensus Vote = 2 weeks following PCH's
  - Web Posting of Final Action = Following Certification

# ICC Code Action Hearings (CAH)

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- **2021 Virtual CAH:** The 2021 CAH, originally scheduled for April 11 – 21, 2021 in Rochester, NY has be rescheduled to be held virtually. The hearings will be held in two consecutive tracks, with a break in between. The tentative schedule is as follows:
  - Track 1: April 11 – 21, 2021: IBC – E; IBC – FS; IBC – G; IPMC/IZC; ISPSC
  - No Hearings: April 22 – 24
  - Track 2: April 25 – May 5, 2021: IFC/IWUIC; IFGC; IMC; IPC/IPSDC; IRC – M; IRC - P

# ICC Committee on Health Care (CHC)

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- ICC CHC Work Groups finalizing proposals for 2024 Cycle – Group A
  - 3 Work Groups
    - General
    - Fire and Safety
    - MEP
- Current proposals General Work Group:
  - **IMC 505 Domestic cooking hood equipment.** Revise to make more direct to only show additional criteria, not requirements already required.
  - **HC8** – definition for custodial care, incapable of self-preservation; and limited verbal assistance.

# ICC Committee on Health Care (CHC)

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- Fire/Fire Safety Current proposals:
  - **Non-production Laboratories.** Changing of Higher Education Laboratory to Non-production laboratory
  - **Control Vestibule** – Allowance of interlocked vestibule doors
  - **Lay-in Ceiling Tile Smoke Tight** – Allowance of 1 pound ceiling tiles being allowed to be smoke tight barrier allowing corridor walls to terminate at ceiling

# ICC Committee on Health Care (CHC)

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- MEP Current proposals:
  - **Transfer Air** – Changes one exemption for “Air movement in corridors” section of the IBC. The new proposed wording says, “Transfer air movement required to maintain pressurization difference within health care facilities in accordance with Section 407.1 of the International Mechanical Code”
  - **K912** – Electrical Systems (Receptacles) – Adds a new section to allow for all health care occupancy electrical (not just essential electrical) to comply with NFPA 99 and Article 517 of NFPA 70 – Helps solve wet locations issue within health care

# ICC Committee on Health Care (CHC)

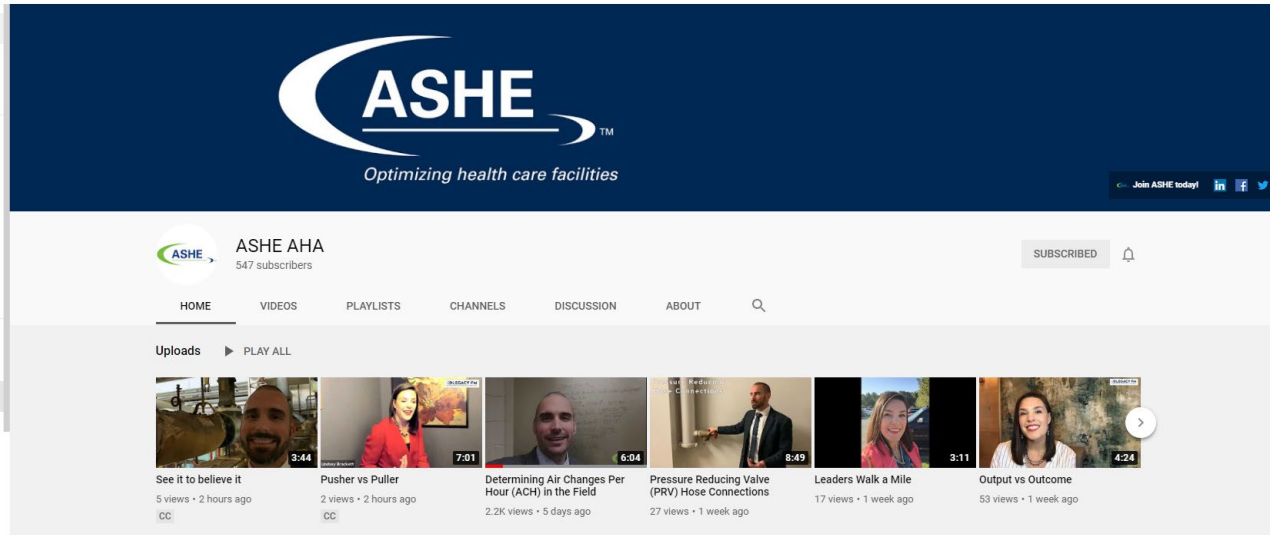
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- MEP Current proposals:
  - **K903** - Gas and Vacuum Piped Systems Categories – Adds clarifying language to the nonflammable medical gas section of the plumbing code
  - **K904** - Gas and Vacuum Piped Systems Warning Systems – Adds the phrase “warning systems” to the medical gas systems section of the IFC
  - **Cold Water Handwashing** – Adds the allowance that handwashing sinks in health care occupancies are allowed to supply “cold water” which is proposed to be less than 85 degrees (Tempered water is 85-110) – This is an attempt to allow facilities to reduce temperatures at sinks and get out of water born pathogen temperature range as well as reduce some of the energy needed to supply tempered water.

# ASHRAE YouTube and Energy Conservation Measures



# ASHE YouTube Channel



- ASHE has launched a YouTube Channel
- Subscribe
- Need 1000 subscribers by Dec. 31
- ECM videos

# Energy Conservation Measures

## Energy Conservation Measures (ECMs)

These reliable, unbiased resources that can help organizations integrate sustainable practices into the health care environment. Review strategies and Energy Conservation Measures (ECMs), or how-to-guides, to get started on your journey toward sustainability for your health care facility.

### Actionabilities

Prepare

Schedule

Control

Repair

Audit

Replace

Planning, Design and Construction

#### MEDICAL OFFICE BUILDING UNOCCUPIED MODES



Save energy and money without purchasing new equipment by implementing unoccupied modes in your medical office building (MOB).

Download File

Play Video



#### SET THERMOSTATS TO BALANCE EFFICIENCY AND COMFORT



Increase baseline thermostat settings during summer months and decrease during winter months to balance energy efficiency and thermal comfort.

Download File

Play Video



- 40 ECM's Available, each listed under actionabilities with savings ranges indicating High, Medium, and Low

# FGI Update

# FGI 2021 Editions

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- Draft Guidelines complete
- HGRC Review Comments under review – due 30 December
- Sample HGRC Outpatient Review Comments:
  - #2369 - APRC recommends changing the telemedicine room to Acoustical Design Coefficient from 0.20 to 0.25 for consistency with OP and RES drafts.
    - Reject based on consensus process
  - #2088 - Changes 6" cove base requirement to 4"
    - Reject based on consensus process

- Sample HGRC Outpatient Review Comments:
  - #2306 – Add commissioning of telecom and wireless comm.
    - Accept as modified – remove sections 2.1-8.1.7 & 8.1.8 since telcom and wireless comm are not “critical to patient care and safety”
  - #2165 - Change owner to governing body
    - Accept
  - #2192 - Cybersecurity – adds additional section requirements and appendix language
    - Reject based on consensus process

- Sample HGRC Inpatient Review Comments:
  - #1769 - Comment adds in question into text to ask if “minimally invasive” will be defined.
    - Reject – No change being proposed
  - #2035 – Changes new language for fire alarm systems to point to the fire alarm section of FGI
    - Accept
  - #1811/2232/2450 – All three propose making changes to or completely eliminating new occupancy sensor requirement
    - Reject based on consensus process

# COVID-19 Resources

## COVID-19 Resources for Health Care Facilities

[www.ashe.org/covid19resources](http://www.ashe.org/covid19resources)

- ASHE has created a resource page to assist health care facilities professionals in their efforts to reduce the spread of COVID-19. The resources cover critical operations such as air quality, safety and security, emergency preparedness and infection prevention.
- Please bookmark this page and check back often as we continue to update this information as needed.



# Project Firstline

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## Project Firstline

### An Infection Prevention and Control Training Collaborative

Project Firstline is a CDC national training collaborative offering timely infection control training to front line health care workers and the public health workforce in the fight against infectious disease threats. As a key partner in this initiative, AHA is pleased to help bring this critical training opportunity to the health care field and champion sound decision-making and positive behaviors in a time of crisis.

# 2021 MTTF Topic Update

# MTTF Topics

| Topic  | ID     | Avg   | Full | Short | Adv  |
|--|--------|-------|------|-------|------|
| Ventilation Management Plan  | IP-04  | 17.93 | Mar  |       |      |
| Potential conflicts between regulations, codes and standards       | R-07   | 16.40 |      |       | June |
| Plant operations and maintenance labor recruitment and training    | A-04   | 12.33 |      | May   |      |
| ICRA 2.0   | C-05   | 12.07 | May  |       |      |
| Temperature, humidity, pressures in special procedure rooms        | OM-02  | 11.93 |      | J/F   |      |
| Capital Planning Tools for long term Infrastructure Planning       | PD-01  | 9.93  | Apr  |       |      |
| Determining the appropriate staffing levels                        | OM-04  | 8.60  |      | N/D   |      |
| Corridor Clutter/ Blocking exit egress/Locking issues - pandemic   | ITL-01 | 8.60  |      |       | J/F  |
| Safety Risk Assessment Tool as per the FGI Guidelines              | PD-08  | 7.67  |      |       | Sept |
| Risk assessment for maintenance activities                         | IP-01  | 7.00  | Sept |       |      |
| Risk Assessment for Alternative Practices                          | FS-02  | 6.60  |      | Mar   |      |
| Upcoming changes in code/NFPA code change submission               | R-04   | 6.00  | J/F  |       |      |
| ILSM Requirement Review  | C-06   | 5.93  |      |       | May  |
| Productivity measurements  | OM-03  | 5.67  | N/D  |       |      |
| High risk medical equipment and utility inventory management       | OM-09  | 5.47  |      | Sept  |      |
| 101 LSC Updates along with all other codes relating to the 101 LSC | R-11   | 5.20  |      |       | Mar  |

# MTTF Topics

| Topic   | ID     | Avg  | Full | Short | Adv Adv |
|---|--------|------|------|-------|---------|
| Continued guidance on improving energy efficiency since COVID   | Sus-05 | 5.20 |      | Aug   |         |
| Life Safety drawings - importance and use   | R-14   | 5.13 | July |       |         |
| Capital renewal planning, operational planning, repair & replacement  | OM-15  | 5.07 | June |       |         |
| Alternative Maintenance Program   | OM-05  | 5.00 |      |       | July    |
| Long term PANDEMIC disaster preparedness tools, checklists, etc.  | IP-03  | 4.93 |      | June  |         |
| Applications for UV use within HVAC   | IP-09  | 4.93 |      | July  |         |
| Design that complies with all standards and regulations   | PD-04  | 4.47 |      |       | Apr     |
| Continued guidance on life safety code compliance and anti-ligature   | FS-03  | 4.27 |      | Oct   |         |
| Master planning to secure funding   | PD-09  | 4.13 |      | Apr   |         |
| Operational master planning, how to develop- need a template  | OM-14  | 3.60 | Oct  |       |         |
| Salary comparisons for front line staff   | F-04   | 3.60 | N/D  |       |         |
| Development of systems and processes to aid in bridging the gaps to make facilities ready for accreditation day one | PD-10  | 3.53 | Aug  |       |         |
| Bulk Oxygen Storage/Med Gas - pandemic  | ITL-02 | 3.47 |      |       | Aug     |
| Mold and HVAC System  | ITL-04 | 3.40 |      |       | Oct     |
| Applying healthcare codes in business occupancies   | R-03   | 3.07 |      |       | N/D     |

# ASHE K-tag Crosswalk

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- Have had multiple requests to add DNV and HFAP Standards to crosswalk
- Seeking help from “SME” on DNV and HFAP Standards to help

# ASHE/HCWH Cohort

# HCWH and ASHE Cohort

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- Safetynet and Rural Hospital
- Interested in joining? Contact Kara



# 2021 Webinar Dates



# 2020 Sustainability and Advocacy Liaison Dates

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## 2021 Webinar Schedule

Q1: Wednesday, March 10, 2021

Q2: Wednesday, June 9, 2021

Q3: Wednesday, September 8, 2021

Q4: Wednesday, December 8, 2021

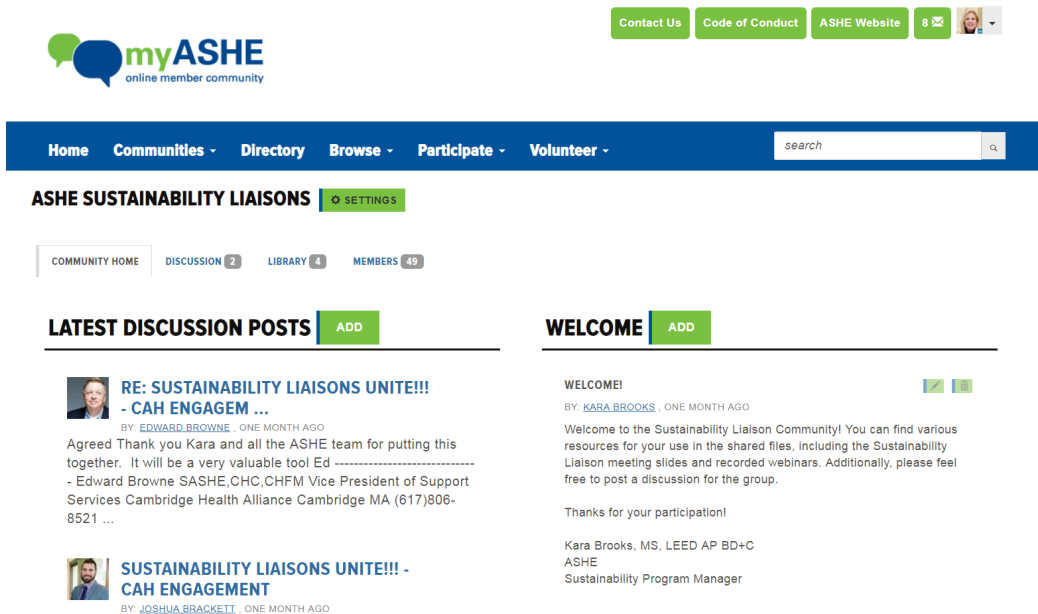
*All webinars will begin at 12:00 noon CST.*

*Webinar reminders will be posted on the myASHE  
Sustainability Liaison Community.*

# myASHE Liaison Community

# myASHE – Liaison Community

Updates posted regularly on myASHE



The screenshot displays the myASHE online member community website. At the top, there is a navigation bar with links for Home, Communities, Directory, Browse, Participate, and Volunteer, along with a search bar. Below this, a section titled "ASHE SUSTAINABILITY LIAISONS" features a "SETTINGS" button. A sub-navigation bar shows "COMMUNITY HOME", "DISCUSSION 2", "LIBRARY 4", and "MEMBERS 49". The "LATEST DISCUSSION POSTS" section is highlighted with an "ADD" button. It lists two posts: one by Edward Browne titled "RE: SUSTAINABILITY LIAISONS UNITE!!! - CAH ENGAGEMENT ..." and another by Joshua Brackett titled "SUSTAINABILITY LIAISONS UNITE!!! - CAH ENGAGEMENT". To the right, a "WELCOME" section with an "ADD" button shows a welcome message from Kara Brooks, MS, LEED AP BD+C, ASHE Sustainability Program Manager.

myASHE  
online member community

Contact Us Code of Conduct ASHE Website 8 32 [User Avatar]

Home Communities - Directory Browse - Participate - Volunteer - search

ASHE SUSTAINABILITY LIAISONS [SETTINGS]

COMMUNITY HOME DISCUSSION 2 LIBRARY 4 MEMBERS 49

LATEST DISCUSSION POSTS [ADD]

**RE: SUSTAINABILITY LIAISONS UNITE!!!  
- CAH ENGAGEMENT ...**  
BY: EDWARD BROWNE, ONE MONTH AGO  
Agreed Thank you Kara and all the ASHE team for putting this together. It will be a very valuable tool Ed -----  
- Edward Browne SASHE,CHC,CHFM Vice President of Support Services Cambridge Health Alliance Cambridge MA (617)806-8521 ...

**SUSTAINABILITY LIAISONS UNITE!!! -  
CAH ENGAGEMENT**  
BY: JOSHUA BRACKETT, ONE MONTH AGO

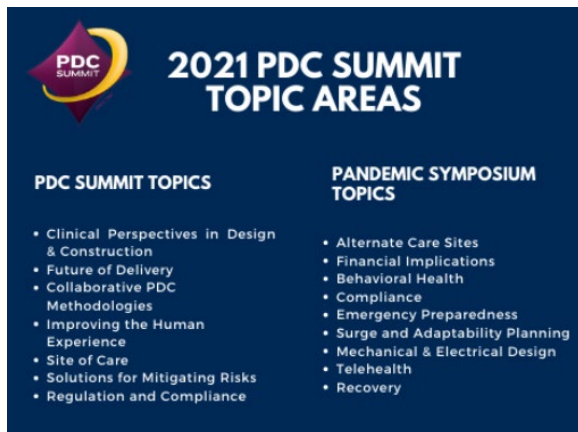
**WELCOME** [ADD]

WELCOME!  
BY: KARA BROOKS, ONE MONTH AGO  
Welcome to the Sustainability Liaison Community! You can find various resources for your use in the shared files, including the Sustainability Liaison meeting slides and recorded webinars. Additionally, please feel free to post a discussion for the group.  
  
Thanks for your participation!  
  
Kara Brooks, MS, LEED AP BD+C  
ASHE  
Sustainability Program Manager

- Discussion Posts
- Shared Files
- Webinar Dates and Reminders

# Upcoming Events

# Upcoming Events!



**2021 PDC SUMMIT  
TOPIC AREAS**

**PDC SUMMIT TOPICS**

- Clinical Perspectives in Design & Construction
- Future of Delivery
- Collaborative PDC Methodologies
- Improving the Human Experience
- Site of Care
- Solutions for Mitigating Risks
- Regulation and Compliance

**PANDEMIC SYMPOSIUM TOPICS**

- Alternate Care Sites
- Financial Implications
- Behavioral Health
- Compliance
- Emergency Preparedness
- Surge and Adaptability Planning
- Mechanical & Electrical Design
- Telehealth
- Recovery

May 2-5, 2021: Tampa, FL



**2020 ASHE ANNUAL  
CONFERENCE  
ON-DEMAND**

ASHE ASA Events



2021 Annual  
Conference  
August 1-4, 2021  
Anaheim, CA

# Questions or Discussion?

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# Thank you!

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