

#### ASSP-NOVA Calendar 2021-2022 Chapter Meeting Schedule Topic\* Location 35th Annual ASSP Region VI PDC August 25-27, 2021 Myrtle Beach, SC Sep 23, 2021 12:00-1:00 p.m. NFPA 70 E Update Jerry Rivera Free Webinar Oct 14, 2021 12:00-1:00 p.m. Bruce Donato Oct 18, 2021 7:30 a.m. - 12:00 p.m. Golf Benefit Forrest Greens Golf Course Nov 4, 2021 8:00 a.m. – 12:00 p.m. Confined Space Competent Person George Stallings Sprint Training Center, Reston, VA Andrew Geisert Dave Chandler Nov 18, 2021 12:00-1:00 p.m. Crisis Management Free Webinar Drone Safety (joint with WMACSA) Dec 8, 2021 12:00-1:00 p.m. Chris Wright Free Webinar Dec 2021 Dates/Times TBD TopGolf Networking Event Ashburn TopGolf Jan 20, 2022 12:00-1:00 p.m. IH - "I am not an expert, but these are good things to know TBA Free Webinar Feb 17, 2022 12:00-1:00 p.m. ISO 45001 – The Practical Approach; Value & Implementation Erika Frank Free Webinar Mar 17, 2022 12:00-1:00 p.m. Known and Unknown Hazards Around Heavy Equipment TBA Free Webinar Environmental Regulation Overview TBA Free Webinar April 21, 2020 12:00-1:00 p.m. May 19, 2022 7:00 – 9:00 a.m. Annual VOSH Update Free Webinar Daniel Wells Jun 16, 2022 12:00-1:00 p.m. Legal Update Adele Abrams Free Webinar (&A FIRST AID & SAFETY

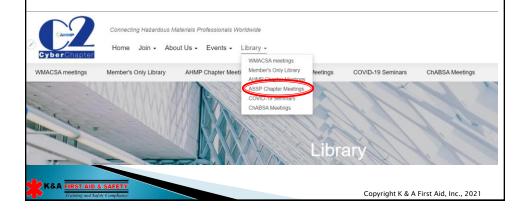
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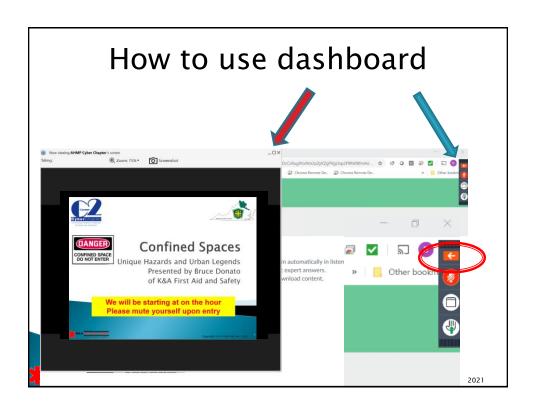
#### AHMP Cyber Chapter Board Members President Bill Perkins - New York Past-President Sarah Henderson - Utah Vice President – Susan McCoy - Kansas Treasurer Elizabeth Romano - Idaho Secretary Heather Tittjung - Oklahoma Webmaster- Bruce Donato - Maryland Director Heather Fariello - New York Director David Onchagwa, - Qatar Director Laura Allen - Maryland Director Mark Wagher - Ohio Josephine Histand Martin - Pennsylvania **Jason Schmerer** - Florida &A FIRST AID & SAFETY Copyright K & A First Aid, Inc., 2021

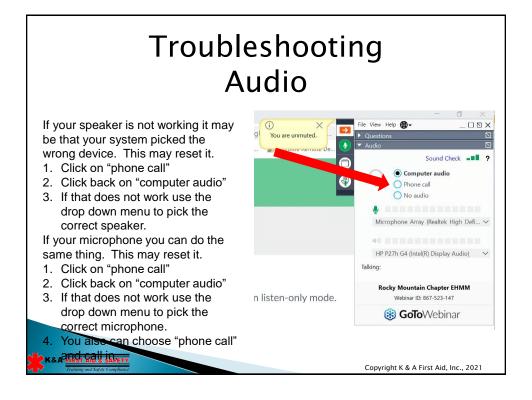


#### Slide Deck & Recording

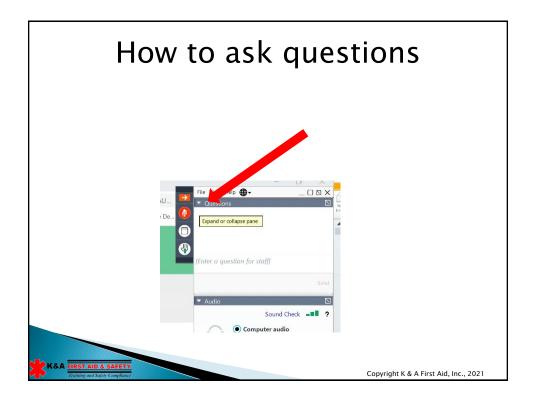
- Go to www.ahmpcyber.org
- Library Tab, drop down menu e.g. "ASSP"











#### **Continuing Education**

- The Cyber Chapter offers a free service to anyone who registers on the website to track attendance at events and allows participants to download a transcript.
- Transcripts are updated at least quarterly.



#### Slide Deck & Recording

- Go to www.ahmpcyber.org
- Library Tab, drop down menu e.g. "ChABSA"



#### Ground Rules/ Webinar Directions

- All attendees will be muted. Feel free to come off mute to ask a question.
- During the presentation you will also be able to raise your hand to request to recognized.
- Questions can also be posed using the "question/chat" function in your dashboard and Eva will answer as appropriate.



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#### **Confined Spaces**

Unique Hazards and Urban Legends



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#### **Contact Information**

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#### Agenda

- Basics of Confined Spaces
  - What it is?
  - What is entry?
  - What makes something permit required?
- Unique hazards (not mentioned in the standard)
- What do you really know (urban legends)



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#### WHAT IS CONFINED SPACE

A confined space is an area large enough and so configured that an employee can enter bodily and perform their work

#### **AND**

A confined space has a limited or restricted means of entry or exit

#### **AND**

A confined space is not designed for continuous human occupancy.

\*\*\*To be considered a confined space, all three conditions must exist\*\*\*



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### Bodily Enter vs. Breaking the Plane of Entry

#### **Bodily entry**

- Whole body
- Can perform work



#### Breaking the plane

- Intentional act
- Any part of the body
- May have an exemption for inspection if accidental entry cannot occur.



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# Two Options for Entering Confined Spaces:

- Permit-required confined space entry
  - For hazardous or potentially hazardous confined space work
- Non-permit confined space entry
  - For nonhazardous confined space work



#### **Unique Confined Space Hazards**

- The following slides are examples of hazards that may not be obvious.
- This is not intended to be a comprehensive list.
- Feel free to add in personal experiences, comments or ask questions about each situation.



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#### **Excavations**

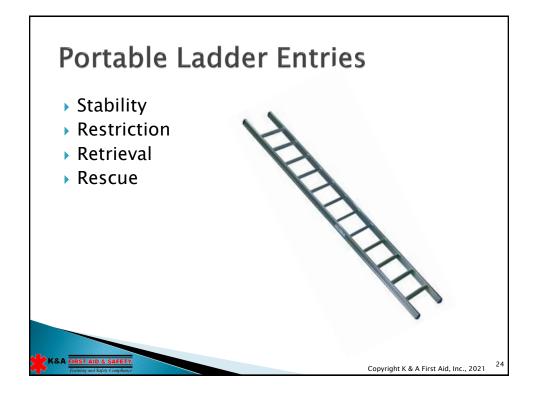
- Utilities
- Oxygen
- ▶ Cave-in
- Equipment
- Asphyxiation
- Explosion



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- Storm water vs. sanitary
- Oxygen
- Biologicals
- Isolation
- Hazardous atmosphere
- Explosion
- Engulfment











- Depth of dual cover
- Weight of cover
- Emergency response









#### **Elevated Structures**

- Fall protection
- Retrieval system
- Rescue team position
- Lowering of victim
- Training





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#### **Horizontal Entry (short)**

- Physical hazards heat, sharp edges
- Retrieval
  - Harness?
  - Winch?
  - Anklets/Wristlets



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#### Horizontal Entry (long)

- Sewer, Tunnels, Culverts, etc.
  - Retrieval
  - Engulfment
  - Equipment
  - Asphyxiation
  - Explosion







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#### Retrieval

- One person?
- Stability of tripod
- Disconnection from tripod
- Multiple retrievals
- Fall protection



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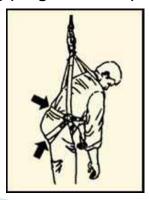
- Oxygen
- Fire
- Shielding
- Asphyxiation
- Explosion



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#### **Configuration Hazards**

- Suspension trauma
- Slipping/struck by





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#### **Fall Protection**

Outside of the space



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#### **Urban Legends**

- > The following slides will be interactive using surveys/polls.
- Let's see how smart we are as a collective

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## An underground storage vault is a confined space

- True
- False

An underground storage vault is a confined space.

It is not a necessarily a permit required confined space.



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# The atmosphere in a confined space can *never* change in less than 10 seconds

- True
- False

Yes, the atmosphere in a confined space can change, but it will usually change at some rate. If the space is monitored continuously with an appropriately selected instrument that has been properly calibrated and set to alarm at a specified contaminant concentration, the alarm will sound when the contaminant level reaches that prescribed level, signaling the entrants that they need to evacuate.

Exceptions to this rule are when you can have a catastrophic release of a gas such as steam or a cryogenic gas.

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# A permit is required to enter all confined spaces True False Only permit required confined spaces. Copyright K & A First Aid, Inc., 2021 A permit is required to enter all confined spaces.



# A designated rescue team is NOT always required when entering a permit required confined space (general industry)

- True
- False

The general industry standard only requires a rescue team to be available if there is a foreseeable need (e.g. fully tethered for retrieval would not need a rescue team).



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A permit required confined space can be reclassified as non-permit required but a non-permit required space can not be reclassified as permit required.

- True
- ▶ False

Both can be reclassified. For example a non-permit space may need to be reclassified if hazardous chemicals were brought in (or welding was done, etc.).



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## Permits are never permitted to be extended or suspended.

- True
- False

The general industry standard does not permit this but the construction standard does.



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### The supervisor cannot be the attendant

- True
- False

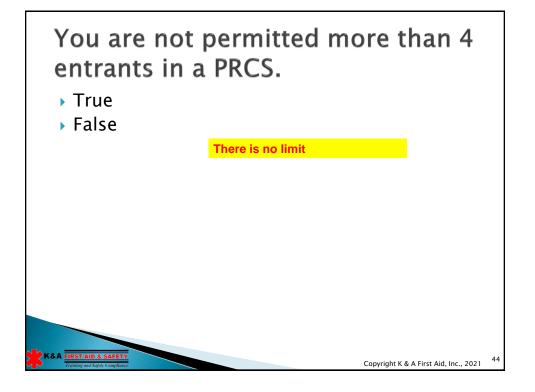
Cross training is permitted and the supervisor can be the attendant or entrant. The entrant cannot be the attendant at the same time ©.

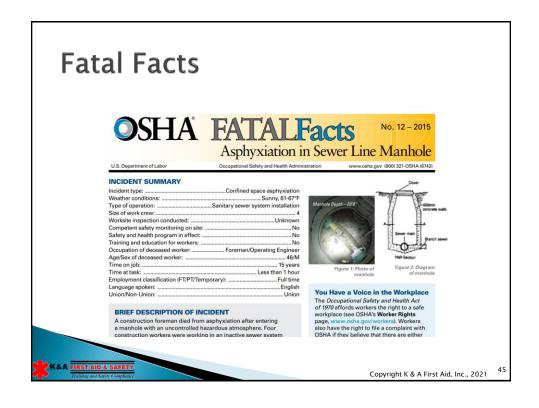
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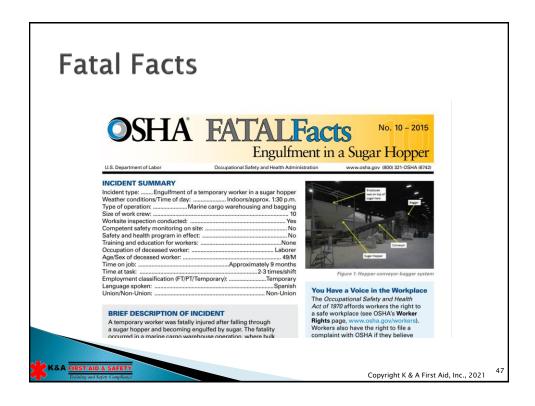
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# All permit required confined spaces must be labeled. • True • False EM-385 has this requirement. OSHA allows for alternative notification. \*\*Copyright K & A First Aid, Inc., 2021\*\* \*\*Copyright Confidence of the confidence of









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