

CENTRAL IOWA CODE CONSORTIUM
 MEETING NOTICE AND AGENDA
 PLUMBING, MECHANICAL & FUEL GAS COMMITTEE
 Mac Rae Room, 1551 E M L King Jr Pkwy., Des Moines, IA 50317
 January 9, 2019 @ 1:00PM – 4:00PM
MINUTES

- CALL TO ORDER @ 1:00

- ROLL CALL

MEMBER	Present	Absent
Brian Hamner	X	
Chuck Gassman	X	
Brian Rogers	X	
Justin Jordan	X	
Dennis Patrick	X	
Jason Merk	X	
Dave Losen	X	
Jim Sanders	X	

- AGENDA APPROVAL

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner			x		
Chuck Gassman	x		x		
Brian Rogers			x		
Justin Jordan			x		
Dennis Patrick			x		
Jason Merk		x	x		
Dave Losen			x		
Jim Sanders					

- PUBLIC COMMENT

- Introduction of new committee member David Losen who fills the engineering position.
- Jim Sanders provided an overview of CICC and clarified proper voting procedures on motions.
- Jennifer Hart with Iowa Plumbing and Mechanical Systems Board provided a comprehensive overview of the state code requirements provided in Chapter 105. Jurisdictions are required effective December 31, 2016 to adopt the state Plumbing Code (UPC), International Mechanical Code (IMC) and NFPA 54, NFPA 58 or chapter 12 of the UPC for Fuel gas. It is against state law and home rule does not apply to adopt any other codes other than chapter 105 codes. Educational information will be sent to Building Officials and City Attorneys of non-compliant jurisdictions to make them aware of the state requirements. Jennifer Hart offered to meet with any jurisdiction. Jim Sanders requested Jennifer speak to the Executive Committee on this item.

- APPROVE MINUTES FROM THE PREVIOUS MEETING

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner			x		
Chuck Gassman			x		
Brian Rogers			x		
Justin Jordan		x	x		
Dennis Patrick	x		x		
Jason Merk			x		
Dave Losen			x		
Jim Sanders					

- AGENDA

Review and modify submitted IPC code proposal.

Addition to IPC 105

- **IPC 105.2 ALTERNATE MATERIALS, METHODS AND EQUIPMENT.** Amended by adding the following section 105.2.2 and exception:

Section 105.2.2 - Uniform Plumbing Code, As Currently Adopted Edition The Uniform Plumbing Code, as prepared and edited by the International Association of Plumbing and Mechanical Officials, as currently adopted and amended by the Plumbing and Mechanical Systems Board, Iowa Department of Public Health, is hereby approved as an alternate equivalent method for design and installation of complete plumbing systems.

This provision recognizes in its entirety the plumbing code as adopted, referenced and/or as found applicable by the Plumbing and Mechanical Systems Board, Iowa Department of Public Health

Motion to table so proponent can be given opportunity to attend next meeting

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner				x	
Chuck Gassman	x		x		
Brian Rogers			x		
Justin Jordan			x		
Dennis Patrick			x		
Jason Merk		x	x		
Dave Losen			x		
Jim Sanders					

Delete and replace Exception 304.11

- **IMC 304.11 Guards.** Guards shall be provided.....

~~Exception: Guards are not required where fall arrest/restraint anchorage connector devices that comply with ANSI/ASSE Z 359.1 are installed.~~ **Exception:** Guards are not required where permanent fall arrest/restraint anchorage connector device that comply with ANSI/ASSE Z 359.1 are and affixed for the use during the entire lifetime of the roof covering. The devices shall be placed not more than 10 feet (3048 mm) on center along hip and ridge lines and places not less than 10 feet (3048 mm) from the roof edges and the open sides of walking surfaces.

The 2015 IMC version of this exception is more descriptive on where anchorage devices are allowed, especially if the code officials do not have access to the mentioned ANSI standard.

Motion to Approve as submitted

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner			x		
Chuck Gassman		X	x		
Brian Rogers	X		x		
Justin Jordan			x		
Dennis Patrick			x		
Jason Merk			x		
Dave Losen			x		
Jim Sanders					

Modification to 306.2

- **IMC 306.2 Appliances in rooms and closets.** Rooms and closets containing appliances shall be provided with a door and an unobstructed passageway measuring not less than 36 inches (914 mm) wide and 80 inches (2032 mm) high. **A level service space of not less than 30" deep and 30" wide shall be present at the front service side of the appliance with the door open.**

~~Exception: Within a dwelling unit, appliances installed in a compartment, alcove, basement or similar space shall be accessed by an opening or door and an unobstructed passageway measuring not less than 24 inches (610 mm) wide and large enough to allow removal of the largest appliance in the space, provided that a level service space of not less than 30 inches (762 mm) deep and the height of the appliance, but not less than 30 inches (762 mm), is present at the front or service side of the appliance with the door open.~~

The 24" wide requirements do not allow enough room to allow for the ease of install, replacement, service and sometimes use of the appliance. With today's high efficiency equipment, ventilation requirements and extra components that go along with both, 24" does not make a good option. Closets become way to crowded and make service, and replacement often difficult and potentially dangerous to the installer and service personnel.

Proposal fails for lack of motion

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner					
Chuck Gassman					
Brian Rogers					
Justin Jordan					
Dennis Patrick					
Jason Merk					
Dave Losen					
Jim Sanders					

Deletion of Exception to 306.5

- **IMC 306.5 Equipment and appliances on roofs or elevated structures.** Were equipment requiring access.....

~~Exception: This shall not apply to Group R-3 occupancies.~~

The danger and risk is no less important to service personnel and possibly even homeowners servicing their own equipment on residential property. Getting to equipment elevated more than 16' above grade has same danger on a commercial property as well as residential.

Motion to approve

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner			X		
Chuck Gassman	X		X		
Brian Rogers			X		
Justin Jordan			X		
Dennis Patrick				X	
Jason Merk			X		
Dave Losen		X	X		
Jim Sanders					

Add new section 313.0

- **IMC 313.0 CSST – Bonding Required.** Where alterations, repairs or additions requiring a permit occur, CSST shall be bonded in accordance with 310.2.1 through 310.2.5 of the International Fuel Gas Code, unless deemed technically infeasible by the code official.

Existing CSST installations pre-dating code adoptions requiring bonding may not be installed with a bonding jumper. This amendment would provide for a retroactive bonding requirement where feasible.

Motion to reject (Same language was rejected in plumbing code)

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner			X		
Chuck Gassman	X		X		
Brian Rogers			X		
Justin Jordan			X		
Dennis Patrick		X	X		
Jason Merk			X		
Dave Losen			X		
Jim Sanders					

Addition to 601.5

- **IMC 601.5 Return air openings.** Return air openings for heating, ventilation and air-conditioning systems shall comply with all of the following:

9. Prohibit the use of under cutting of a door for a return air path.

Often the flooring material at the door undercut may change causing a restriction of return air. Also, the use of an undercut door space for return air can pull dirt and dust which can soil the flooring material such as carpet.

Motion to Reject

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner			X		
Chuck Gassman	X		X		
Brian Rogers			X		
Justin Jordan			X		
Dennis Patrick			X		
Jason Merk			X		
Dave Losen		X	X		
Jim Sanders					

Addition to 601.5

- **IMC 601.5 Return air openings.** Return air openings for heating, ventilation and air-conditioning systems shall comply with all of the following:

10. Prohibit the use of a central return within a bedroom.

Placing a central return within a bedroom can cause excessive noise for a homeowner and/or tenant. Proper planning and duct layout should prevent this issue.

Motion to reject

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner			x		
Chuck Gassman			x		
Brian Rogers			x		
Justin Jordan	x		x		
Dennis Patrick		x	x		
Jason Merk			x		
Dave Losen			x		
Jim Sanders					

Addition to 601.5

- **IMC 601.5 Return air openings.** Return air openings for heating, ventilation and air-conditioning systems shall comply with all of the following:

11. Return air openings shall not be located within 4' horizontally nor within 5' vertically from supply air openings. Exception: Factory made "concentric duct terminations."

This would help define minimum distances needed between supply and return air openings. Some design professionals like to draw supply air and return air openings right next to each other.

Proposal fails for lack of motion

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner					
Chuck Gassman					
Brian Rogers					
Justin Jordan					
Dennis Patrick					
Jason Merk					
Dave Losen					
Jim Sanders					

Addition to 603.12

- **IMC 603.12 Condensation.** Provisions shall be made to prevent the formation of condensation on the exterior of any duct. Bathroom, domestic kitchen and dryer exhaust vent ducted to an outside wall shall be insulated 10' back from an outside wall to help prevent condensation issues unless the duct is in an unconditioned space, then the entire duct shall be insulated.

To provide some clarification to code officials, contractors, design professionals, etc on when insulating of exhaust duct shall be required. Often the terminations with back draft dampers do not seal well enough to prevent the migration of cold air into the exhaust duct which can cause a drop in temperature of the exhaust duct and when the warm exhaust hits the colder duct condensation can occur.

Proposal fails for lack of motion

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner					
Chuck Gassman					
Brian Rogers					
Justin Jordan					
Dennis Patrick					
Jason Merk					
Dave Losen					
Jim Sanders					

Addition to 603.5

- **IMC 603.5.3 Nonmetallic Return Air Panning.** Nonmetallic return air panning material shall be prohibited. Exception: Permanent construction materials used as return air panning shall not apply.

Nonmetallic return air panning material can be moisture absorbent and can very easily be damaged. Long term durability could also be questioned.

Proposal fails for lack of motion

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner					
Chuck Gassman					
Brian Rogers					
Justin Jordan					
Dennis Patrick					
Jason Merk					
Dave Losen					
Jim Sanders					

Addition to 603.5

- **IMC 603.5.3 Nonmetallic Return Air Panning.** Nonmetallic return air panning shall only be used when concealed by permanent construction materials

Concealing all nonmetallic return air panning materials would help protect a product that is very fragile from possible damage.

Proposal fails for lack of motion

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner					
Chuck Gassman					
Brian Rogers					
Justin Jordan					
Dennis Patrick					
Jason Merk					
Dave Losen					
Jim Sanders					

1. OTHER BUSINESS

2. UPCOMING MEETINGS

2/13/19 at 1-4pm
Mac Rae Room
1551 East MLK Jr Pkwy
Des Moines, Iowa 50317

3. ADJOURNMENT

Motion to Adjourn

MEMBER	Motioned	2nd	YEA	NAY	ABSTAIN
Brian Hamner			x		
Chuck Gassman	x		x		
Brian Rogers			x		
Justin Jordan			x		
Dennis Patrick			x		
Jason Merk			x		
Dave Losen		x	x		
Jim Sanders					

Posted on 12/21/18 at www.capitalcrossroadsvision.com/central-iowa-code-consortium and at the City of Des Moines, 1551 E M L King Jr Pkwy., Des Moines, IA 50317

Form date - 7/25/15