

K-Tag	Status	CODE REQUIREMENT	ICC Reference	Work group assignment	Analysis	Code Change	ADDITIONAL DISCUSSION NOTES AND COMMENTS FOR DIRECTION
K28	CC	Door openings in smoke barriers shall provide a minimum clear width of 32 inches (81 cm) for swinging or horizontal doors. Vision panels are of fire-rated glazing or wired glass panels and steel frames. 19.3.7.5, 19.3.7.7	No direct ICC reference New only	IBC - Mike Crowley	This address the minimum requirements for existing smoke barriers.	Add an exception for 1.2 section Chapter 11: Existing 1.2 occupancies door openings in smoke barriers shall provide a minimum clear width of 32 inches (81 cm) for swinging or horizontal doors. Vision panels of fire-rated glazing or wired glass panels and steel frames are permitted.	Proposed to be moved to Chapter 11 since this will make the requirements retroactive. Chapter 7 is focused on maintenance but a portion to chapter 11 may be necessary
K104	IP	Penetrations of smoke barriers by ducts are protected in accordance with 8.3.6.	FC 703.1.2	G. Mike Crowley	Allow smoke damper requirements for existing configuration that comply with new criteria for smoke damper omission. Permit review is required to delete existing installations.	Add an exception for 1.2 section in Chapter 11: Existing 1.2 occupancies smoke dampers shall not be required in duct penetrations of smoke barriers in fully ducted heating, ventilating, and air conditioning systems with automatic sprinkler systems as required for new 1.2 removal of existing smoke dampers require Building and Fire Official approval process.	This is relevant if the exception for fully ducted systems is accepted for the IBC. Some concern that this should not be an exception on its own as it undoes the requirements of a more complete system based upon what was initially approved by the IBC. This possible exception should be applicable to new smoke barriers and smoke zones not existing smoke barriers and smoke zones. This may need to wait till after action is taken on the IBC regarding this exception. <u>This may need to wait till after action is taken on the IBC regarding this exception.</u>
K29	IP	HAZARDOUS AREA One floor fire rated construction (with 1 floor fire-rated doors) or an approved automatic fire extinguishing system in accordance with 8.4.1 and/or 19.3.5.4 protects hazardous areas. When the approved automatic fire extinguishing system option is used, the areas shall be separated from other spaces by smoke resisting partitions and doors. Doors shall be self-closing and non-rated or field-applied protective plates that do not exceed 6 inches from the bottom of the door are permitted. 19.3.2.1	No direct ICC reference New only	G. Jeff O'Neill	relates to the incidental Use Table 509 in the IBC. Round 1 code change being developed, both for IBC and potential addition as new chapter 1106 in IFC. Note the fire safety committee is making the proposed that storage rooms over 100 ft ² be required to be 1-hour. The fire safety committee's suggestion is that the fire code allow the code official to determine whether the contents are hazardous/flammable.	Analysis: relates to the Incidental Use Table 509 in the IBC. Round 1 code change being developed, both for IBC and potential addition new chapter 1106 in IFC.	INCIDENTAL USE AREA TABLE - REQUIREMENTS IN DRAFT, POSSIBLE SEPARATE CHART AVAILABLE FOR ICC INCIDENTAL USE MINIMUMS (RETRO ACTIVE)? MYERS Code Change: Latest draft is attached, but working on updates.
K30	NC	Gift shops shall be protected as hazardous areas when used for storage or display of combustibles in quarters considered hazardous. Non-rated walls may separate gift shops that are not considered hazardous, have separate protected storage and that are completely sprinkled. Gift shops may be open to the corridor if they are not considered hazardous, have separate protected storage, are completely sprinklered and do not exceed 500 square feet. 19.3.2.5	No direct ICC reference	G. Jeff O'Neill	Section 407.2.4 addresses Gift Shops can be open to the corridor if less than 500 square feet, exclusive of their storage rooms. This is consistent with the Life Safety Code paragraph 18.3.6.1 (Exception 4), and corresponding paragraph 19.3.6.1, Paragraph 4) in existing. IFC table 1018.1 calls out reference to IBC section 407.2, and is therefore covered in both 1-codes.	Due to consistency of codes, none recommended at this time.	
K211	CC	Where Alcohol Based Hand Rub (ABHR) dispensers are installed: The corridor is at least 6 feet wide The maximum individual fluid dispenser capacity shall be 1.2 liters (2 liters in suites of rooms) dispensers shall have a minimum spacing of 4 ft from each other Not more than 10 gallons are used in a single smoke compartment outside a storage cabinet. Dispensers are not installed over or adjacent to an ignition source. If the floor is carpeted, the building is fully sprinklered. 403.744, 418.100, 460.72, 482.41, 483.70, 483.623, 485.623	FC 3404.5	G. Mike Crowley	NFPA 101- 18.3.2.6 (2) (a) states 0.33 gal (1.2 L) is the maximum individual dispenser fluid capacity in rooms, corridors and areas open to the corridor. IFC 5706.5 states the maximum capacity of each dispenser in a corridor shall be 68 ounces (2). IFC 5705.5.2 states in a corridor the maximum shall be 41 ounces (1.21 L). The IFC language for a non-corridor location for the dispenser allows for a much larger quantity of fluid than the NFPA. 18.3.2.6 (2) (b) states the maximum individual dispenser fluid capacity shall be 0.53 gal (2.00 L) for dispensers in a suite of rooms. This is not covered in the IFC. 18.3.2.6 (6) states storage of quantities greater than 5 gal (18.1 L) in a single smoke compartment in all meet the requirements of NFPA 30- Flammable and Combustible Liquids Code. IFC 5704.3.5 refers to Table 5003.1.1- Storage. Under the Open-use category- it permits a maximum of 10 gal with a 100% increase to 20 gal if fully sprinklered.	See Round 1, Issue #12	
K32	NC	EXIT AND EXIT ACCESS Not less than two exits, remote from each other, are provided for each floor or fire section of the building. Only one of these two exits may be a horizontal exit. 19.2.4.1, 19.2.4.2	No direct ICC reference New only	IBC - Mike Crowley	No less than two exits, remote from each other, are provided for each floor or fire section of the building. Only one of these two exits may be a horizontal exit. 18.2.4.1, 18.2.4.2 Not less than two exits, remote from each other, are provided for each floor or fire section of the building. Only one of these two exits may be a horizontal exit. 19.2.4.1, 19.2.4.2 **Differences in "T" codes. IBC table 1021.1 Occupant load 1-500 - Minimum Number of Exits (per story) - 2. ***Table 1021.2 Stories with One Exit. "T" occupancy limited to first story or basement a maximum of 10 occupants and 75 foot travel distance. IFC and IBC, 1025.1 a horizontal exit shall not serve as the only exit for a portion of a building and where two or more exits are required, not more than one-half of the total number of exits or total exit width shall be horizontal exits. **Exception: horizontal exit are permitted to comprise two-thirds of the required exits from any building or floor area for occupancies in Group 1-2.	No change needed.	
RES. AMCH. AT LEAST TWO EXITS REMOTE FROM EACH OTHER ARE PROVIDED FOR EACH FLOOR OR FIRE SECTION OF A BUILDING. SECTIONS 20.2.4.1, 21.2.4.1, 7.5.1.4							
K34	NC	Stairways and smokeproof towers used as exits are in accordance with 7.2, 19.2.3.3, 19.2.4	FC 4604.3	IBC - Jeff O'Neill	This analysis is tricky because it could be interpreted to mean the entire egress system for the strategy. The major differences between LSC and IFC are a few items. First, smokeproof enclosures in the IBC are permitted to discharge in a building whereas the LSC requires discharge direct to the exterior. Second, pressure differences are also significant as IBC requires a range of 0.15 to 0.35 and the LSC requires min. 0.05 in sprinklered buildings and min. 0.10 in non-sprinklered buildings. Third, activation of the clear pressurization system per the IBC is by smoke detector in an approved location and LSC is by smoke detectors within 2' of door.	While there are differences, no change is proposed at this time. Change to IFC in 2013.	
K35	NC	Capacity of exits in number of persons per unit of exit width is in accordance with 7.2, 19.2.3.1	FC 4604.7	IBC - Jeff O'Neill	The term "per unit of exit width" is no longer in either code. Exit capacity factors are now the same in both the LSC and IBC. The 2012 IBC Section 1009.3.1 exception does not permit 1.2's to reduce to 0.15 and 0.2 for doors and stairs, respectively. Thus the two code are identical and no code changes are required.	Capacity does not typically control in a hospital.	
K36	NC	Travel distance (exit access) to exits are in accordance with 7.6, 19.2.6	FC 4604.18.3	IBC - Mike Crowley & Jeff O'Neill	7.6 Travel distance (exit access) to exits is in accordance with 7.6, 18.2.6 Travel distance (exit access) to exits are in accordance with 7.6, 19.2.5.10 IBC table 1016.1 Travel distance is 200 feet. IBC 1, 1014.2.3 Travel distance within a suite 100 feet. IBC 1, 1014.2.4.3 Travel distance within a suite with one intervening room 100 feet. IBC 1, 1014.2.4.4, for rooms other than patient sleeping rooms locate within a suite, through two intervening rooms...not greater than 50 feet.	No change needed.	
K37	IP	Existing dead-end corridors shall be permitted to be continued to be used if it is impractical and unfeasible to alter them so that exits are accessible in not less than two different directions from all points in aisles, passageways, and corridors. 19.2.5.10	FC 4604.18.2	IBC - Jeff O'Neill	The IFC has no requirements on existing dead ends may remain. The LSC gives the AHJ the authority to eliminate dead ends if "practical". The 2000 LSC does not have the 30' foot language only as shown in K37.	Revise 1.2 requirements in IFC Table 1104.17.2. IBC 805.6 Dead-end corridors. Dead-end corridors in any work area shall not exceed 35 feet (10 670 mm). Exceptions: 1. Where dead-end corridors of greater length are permitted by the International Building Code. 2. In other than Group A and H occupancies, the maximum length of an existing dead-end corridor shall be 50 feet (15 240 mm) in buildings equipped throughout with an automatic fire alarm system installed in accordance with the International Building Code. 3. In other than Group A and H occupancies, the maximum length of an existing dead-end corridor shall be 70 feet (21 336 mm) in buildings equipped throughout with an automatic fire alarm system installed in accordance with the International Building Code. 4. In other than Group A and H occupancies, the maximum length of an existing, newly constructed, or retrofitted dead-end corridor shall not exceed 50 feet (15 240 mm) on floors equipped with an automatic fire alarm system installed in accordance with the International Building Code.	
K38	NC	Exit access is arranged that exits are readily accessible at all times in accordance with 7.1, 19.2.1	FC 1030.2	IBC - Mike Crowley	The Code Reference for 6.38 and 6.43 is the correct reference for the K-tag requirement it is referenced to. As identified under review and comparison the codes are generally aligned. The concern is in the difference and detail that exists between the general approach of the LSC and the specificity of the I-codes. For example K.38 can be understood as a general concern addressing exit access but the components of access from doors to stairs to width and capacity also contribute to compliance under K.38. There is no conflict in general, I am still looking at all the components of access as described under 18.2.1 and 7.1 as compared to codes. Both I-codes have a broad application based on the many potential observations of exit access compliance from general to component specific.	No change	
K39	IP/CC	Width of aisles or corridors (clear and unobstructed) serving as exit access shall be at least 4 feet 19.2.3.3	FC 4604.7	IBC - Jeff O'Neill	This is an interesting section. I ran out of time on this one but I can find no minimum requirements for existing buildings in the IFC except that existing BOC shall comply with the requirements of the code under which it was constructed. If there was not an existing code, the requirements of Chapter 46 (20) or Chapter 11 (12). I guess we can cross the 09 code which does have some language on how to determine but that is missing from the 12 code. Would need to add here a section dealing with the minimum requirements. The 12 LSC has some significant changes from the 2000 relating to 4 and 6-foot corridors.	Add something under IFC 1304.17 to maintain corridor width no code change from committee for maintained corridor width.	

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K40	NC	Exit access doors and exit doors shall have occupants are of the swinging type and are at least 32 inches in clear width. 19.2.3.5	ICC 402.8		This has been discussed regarding swinging doors. ICC Section 1008.1.2 requires side hinged swinging doors except for critical or intensive care patients rooms within suites of health care facilities or in a space with an occupant load of 10 or less. Power operated doors along with horizontal sliding doors (power operated) are also permitted per 1008.1.4.2 and 1008.1.4.3		
K41	NC	All sleeping rooms have a door leading to a corridor providing access to an exit or have door leading directly to grade. One room may intervene in accordance with 19.2.5.1, 19.2.5.9	No direct ICC reference New only	IBC -	The IBC and LSC are essentially the same. No code change required.		
K42	NC	Any room or suite of rooms of more than 1,000 sq. ft. has at least 2 exit access doors remote from each other. 19.2.5.2	No direct ICC reference New only	IBC -	Constant - no change recommended. Possible coordination with suite size change needed in the future. The FC does reproduce the Chapter 10 "Means of Egress" that has requirements nearly identical to the referenced section of NFPA 101. See section 1014.2.2 and 1015.1. However, the sections of the fire code only apply to new construction. To address number of exits from rooms or suites in existing building, we must adjust the scoping language of FC 1030, Chapter 11 or meet a new area that deals with retroactive requirements for hospitals.	No change needed.	
K43	NC	Patient room doors are arranged such that the patients can open the door from inside without using a key. Special door locking arrangements are permitted in facilities. 19.2.2.2	No direct ICC reference New only	IBC -	The ICC Reference for K-38 and K-43 is the correct reference for the K-tag requirement it is referenced to. As identified under review and comparison the codes are generally aligned. The concern is in the difference and detail that exists between the general approach of the LSC and the specificity of the I-codes. For example K-38 can be understood as a general concern addressing exit access but the components of access: from doors to stairs to egress and capacity also contribute to compliance under K-38. There is no conflict in general, I am still looking at all of the component of access as described under 19.2.1 and 7.1 as compared to I-codes. Both K-tag's have a broad application based on the many potential observations of exit access compliance from general to component specific.		
K44	IP	Horizontal exits, if used, are in accordance with 7.2.4, 19.2.2.5	No direct ICC reference New only	IBC -	I disagree with the comment that there is no direct ICC reference. 1004.1 Discusses Means of Egress and by definition Horizontal Exits are allowed as part of a means of egress. If clarity, a new section 1004.1 could be added to state that existing horizontal exits in 1-2 facilities shall comply with 1007.2, 1025 (or other appropriate sections).	Not a reference in 1004.1 or 1025.1 1004.1 General Means of egress in existing buildings shall comply with the minimum egress requirements when specified in Table 1001.1 as further enumerated in Sections 1104.2 through 1104.21, and the building code that applied at the time of construction. Where the provisions of this chapter conflict with the building code that applied at the time of construction, the most restrictive provision shall apply. Existing buildings that were not required to comply with a building code at the time of construction shall comply with the minimum egress requirements when specified in Table 1001.1 as further enumerated in Sections 1104.2 through 1104.24.	Add changes for horizontal exits in FC 1104 with specific criteria for Group 1. Do not reference 1007 but instead allow for defined in place alternative to refuge areas.
K45	IP/CC	ILLUMINATION AND EMERGENCY POWER Illumination of means of egress, including exit discharge, is arranged so that failure of a single lighting fixture (bulb) will not leave the area in darkness. 19.2.5, 7.8	ICC 402.4.5		Completed crosswalk review of section 7.8 of 2009 LSC.	Three options: Occupancy sensors shall be permitted within the means of egress provided they meet the following conditions: 1) they operate as fall Devices 2 when activated by an occupant the area served is illuminated for a minimum duration of 15 minutes. Coordination with 1024.5, and in 1006.2.8 1006.2.11, moving training egress requirement Remains illuminated during evacuation? Connection to fire alarm system activation. Two separate changes. 1006.2 exception in new construction shall not be less than 10 footcandle measured at the walking surface. Coordinate with open exit discharge and exit stairways. Add into section 1006.3.1. A failure of any single lighting unit shall not reduce the illumination level to less than 0.2 footcandles.	NFPA 101 1017: if general lighting NFPA 101 loss of bulb = general lighting, not emergency lighting
K46	NC	Emergency lighting of at least 1 1/2 hour duration is provided in accordance with 7.8, 19.2.5.1	ICC 404.5.1		Completed crosswalk review of section 7.8 of 2009 LSC.	Do we want equipment and battery systems in LSC? Do we want battery systems for recharging to comply with NFPA 70? There are no exceptions in ICC for self testing including computer based in ICC. This is specified in LSC.	
K47	IP	Exit and directional signs are displayed in accordance with 7.10 with continuous illumination also served by the emergency lighting system. 19.2.10.1 (Indicates N/A in one story buildings with less than 30 occupants where the level of exit travel is obvious.)	ICC 402.4.3 & ICC 404.4		The IBC and FC both have the same requirements. NFPA 101 is restrictive for UL listings of equipment. NFPA 70 is not referenced by ICC/FC as does NFPA 99. ICC/FC permit batteries.		
K48	NC	There is a written plan for the protection of all patients and for their evacuation in the event of an emergency. 19.7.1.1	ICC 404		ICC requirement is equivalent, especially since the IC tag is rather generic. This section should also reference 408.6 for specific Group 1-2 requirements.	No change required to be equivalent; although a code change is being proposed by Fire safety	
K50	CC	Fire drills are held at unexpected times under varying conditions, at least quarterly on each shift. The staff is familiar with procedures and is aware that drills are part of established routine. Responsibility for planning and conducting drills is assigned only to competent persons who are qualified to exercise leadership. Where drills are conducted between 9:00 PM and 6:00 AM a coded announcement may be used instead of audible alarms. 19.7.1.2	ICC 405 and 408.6		FC has equivalent language, except as follows: the requirement for drills under "unexpected times" is a general requirement for all facilities, but is currently exempted for Group 1-2 in that I don't think the exemption would be a substantial barrier to CMS acceptance, but you can never tell. I want to check and see if NFPA 101, 2012 version still require "unexpected times."	Modify our current change proposal on Fire safety and evacuation plans to read: Section 408.6.4 Emergency Evacuation Drills. Emergency evacuation drills shall comply with Section 405. Exceptions: 1. Facilities exempted to comply with the time requirements of Section 405.4. 2. The movement of patients to safe areas or to the exterior of the building is not required. 3. When emergency evacuation drills are conducted after visiting hours or when patients are residents are expected to be asleep, a coded announcement shall be permitted instead of audible alarms.	
K51	NC	FIRE ALARM SYSTEMS A fire alarm system with approved component, devices or equipment installed according to NFPA 72, National Fire Alarm Code to provide effective warning of fire in any part of the building. Activation of the complete fire alarm system shall be by manual fire alarm initiation, automatic detection or extinguishing system operation. Pull stations in patient sleeping areas, may be omitted provided that manual pull stations are within 200 ft of nurse's stations. Pull stations are located in the path of egress. Electronic or written records of tests shall be available. A reliable secondary source of power must be provided. Fire alarm systems shall be in accordance with NFPA72, and records of maintenance kept readily available. There shall be announcement of the fire alarm system to an approved central station. 19.3.4, 9.8	ICC 403.6.3 (ICC 407.2)		ICC reference is 407.2 ICC reference is 901.6 for alarm and 906.2 for written record of testing.	No change is recommended	
K52	NC	A fire alarm system required for life safety shall be installed, tested, and maintained in accordance with NFPA 70 National Electrical Code and NFPA 72. The system shall have an approved maintenance and testing program complying with applicable requirements of NFPA 70 and 72, 9.6, 1.4	ICC 403.6.3 (ICC 407.2)		ICC reference should be 407.2, 907.2.6, 907.5 ICC reference 901.6, 907.8	No change is recommended	
K53	IV	Where a required fire alarm system is out of service for more than 4 hours in a 24-hour period, the authority having jurisdiction shall be notified, and the building shall be evacuated or an approved fire watch shall be provided for all parties not unprotected by the shutoff until the fire alarm system has been returned to service. 9.6, 1.8	ICC 901.7		ICC reference 901.7 K-tag sets out of service limits at more than 4 hours in a 24 hour period. IFC text does not provide this threshold.	The IFC is more restrictive and recommend no change.	
K54	NC	All required smoke detectors, including those activating door hold-open devices, are approved, maintained, inspected and tested in accordance with the manufacturer's specifications. 9.6, 1.3	ICC 901.6		ICC reference 907.8 K-tag requires all smoke detectors to be maintained, inspected and tested in accordance with manufacturer's specifications. However, the ICC reference states in accordance with NFPA 72, a national standard.	The IFC has requirements to a national standard vs. manufacturer's specifications, therefore, no change is recommended.	
K55	NC	Every patient sleeping room shall have an outside window or outside door. Except for newborn nurseries and rooms intended for occupancy for less than 24 hours. 19.3.8	ICC reference 1029.1, ICC reference 1029.1		ICC reference 1029.1 K-tag requires "Every patient sleeping room shall have an outside window or outside door. Except for newborn nurseries and rooms intended for occupancy for less than 24 hours"	K-tag is not valid. No action requested.	
K56	NC	AUTOMATIC SPRINKLER SYSTEMS Where required by section 19.3.1.6, health care facilities shall be protected throughout by an approved, supervised automatic sprinkler system in accordance with section 9.7. Required sprinkler systems are equipped with water flow and tamper switches which are electrically interconnected to the building fire alarm. 19.3.5, NFPA 13	ICC 403.4 (2009), IFC 1103.5.2 for 1-2 2012		Alterations of existing facilities have been discussed in multiple AHC meetings. Industry recommendation does not include not sprinkling the entire floor or an alteration in order to any reference for being sprinklered.	Code Change. Due to consistency of codes, none recommended at this time for 1-2 (HOPITALS).	Requirements for sprinklers in NFPA 101 for existing facilities to be integrated in full by approximately 2012 (12 YRS FROM 2009). Retroactive in the IFC by that time needs to clearly state the mandatory requirement for all healthcare (hospital occupancies) so that the requirements for healthcare facilities is not "deletd" by state and/or local entities, commentary and guidelines should indicate the clear cut requirement, and if CMS or other FED Agency references the IFC for hospital regulations - the mandatory requirement for retroactive as it is stipulated in the current IFC would apply to all of these facilities.
K154	NC	Where a required automatic sprinkler system is out of service for more than 4 hours in a 24-hour period, the authority having jurisdiction shall be notified, and the building shall be evacuated or an approved fire watch system be provided for all parties left unprotected by the shutdown until the sprinkler system has been returned to service. 9.7.6, 1.1	ICC 901.7		ICC requires immediate notification of the Dept and Code Enforcement official where required by Code official and the evacuation of fire watch.	IV - See code change in general committee item 84. This would make the requirement equivalent. No need discussion	
K60	NC	Installation of the required fire alarm systems shall be by manual means in accordance with 9.6.2 and by means of any required sprinkler system waterflow alarms, detection devices or detection systems. 19.3.4.2, 9.6.2.1	ICC 904.4		ICC reference is 904.4	appears that no change is needed	
K61	NC	Required automatic sprinkler systems shall have valves supervised so that at least a local alarm will sound when the valves are closed. 9.7.2.1, NFPA 7	ICC 904.6		ICC requires electrically supervised by listed alarm control unit	appears that no change is needed	
K62	NC	Automatic sprinkler systems are continuously maintained in reliable operating condition and are inspected and tested periodically. 19.7.6, 4.6.12, NFPA 13, NFPA 25, 9.7.5	ICC 904.6		Refer to NFPA 13	appears that no change is needed	
K63	NC	Required automatic sprinkler systems have an adequate and reliable water supply which provides continuous and automatic pressure. 9.7.1.1, NFPA 11	ICC 903.3.5		Refer to NFPA 13	appears that no change is needed	
K64	NC	Portable fire extinguishers shall be provided at health care occupancies in accordance with 9.7.4.1, NFPA 10, 19.3.5.6	ICC 906.1		Required	appears that no change is needed	
SMOKING REGULATIONS							

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K66	CC	Smoking regulations shall be adopted and shall include not less than the following provisions: 1) Smoking shall be prohibited in any room, ward, or compartment where flammable liquids, combustible gases, or oxygen is used or stored in any other hazardous location, and such area shall be posted with signs that read NO SMOKING or shall be posted with the international symbol for no smoking. 2) Smoking by patients classified as not responsible shall be prohibited, except when under direct supervision. 3) Category of noncombustible material and safe design shall be provided in all areas where smoking is permitted. 4) Metal containers with self-closing cover devices into which ashtrays can be emptied shall be readily available to all areas where smoking is permitted.	FC 110 (General Smoking requirements - not occupancy specific)	G. Jeff Davison	The FC 110 does not include the prohibition of non-responsible patients from smoking in certain areas. The exception listed in the 2000 version of NFPA 101: 19.7.4.2 referring to the patient may smoke if they are under direct supervision has been deleted in the 2009 NFPA 101 Code. Also, in 19.7.4.2, it allows the deletion of all secondary no smoking signs if the signs are displayed prominently at all major entrances. IFC does not address this in 310.3.	Section 310.3.1 (The Assistant Clinician Group 2) should also include what smoking is prohibited in not specified in secondary locations other than the sign or display of all major entrances into the facility.	
K67	CC	BUILDING SERVICE EQUIPMENT Heating, ventilating, and air conditioning shall comply with 5.2 and shall be installed in accordance with the manufacturer's specifications. 19.5.2.1, 9.2, NFPA 99, 19.5.2.2	No direct IFC reference	G. Jeff Davison	FC Section 308.1 provides similar criteria for required clearances to combustible materials and has the same language for installation in accordance with other codes. Heater IFC, nor the IFC, restricts fuel gas appliances (i.e., fireplace) within Group 2 occupancies unless the NFPA (2000) standards. IFC Section 602.2 has some automatic shut-off language but not complete.	Proposed change to 2015 IFC (new section): Section 301.16 Safety features. In Group 2 occupancies, appliances used for heating shall automatically and immediately shut down and stop fuel flow to the appliance in the event of temperatures exceeding the appliance rating or failure to ignite.	JOHN'S NOTE - need to go back to the 90A and see if there are any HVAC retroactive requirements that need to be dealt with. Do they need to go into the IMC or do they need to be stand alone requirements?
K68	CC	Combustion and ventilation air for boiler, incinerator and heater rooms is taken from and discharged to the outside air. 19.5.2.2.	No direct IFC reference	G. Jeff Davison	Combustion air is not restricted from rooms and is not specifically required to be taken from the exterior of the building.	Proposed change to 2015 IFC: 304.1 General. Air for combustion, ventilation and dilution of flue gases for appliances installed in buildings shall be provided by application of one of the methods prescribed in Sections 304.5 through 304.9. When the requirements of Section 304.5 are not met, outdoor air shall be introduced in accordance with one of the methods prescribed in Sections 304.6 through 304.9. Direct-vent appliances, gas appliances of other than natural draft design and vented gas appliances other than Category 1 shall be provided with combustion, ventilation and dilution air in accordance with appliance manufacturer's instructions. Exception 1. Type 1 clothes dryers that are provided with make-up air in accordance with Section 614.5. 2. Combustion air for appliances in Group 2 occupancies shall be taken directly from the exterior of the building.	
K69	NC	Cooking facilities shall be protected in accordance with 9.2.3, 19.3.2.6, NFPA 98	FC 509 and 904.1.1	G. Jeff Davison	This is currently covered in 2012 IFC Section 609 and 904.1.1, along with 2012 IMC Sections 506.1, 607.1, 508.1 and 509.1.	No proposed changes for this K-Tag.	
K70	NC	Portable space heating devices shall be prohibited in all health care occupancies. Except shall be permitted to be used in non-designing staff and employee areas where the heating elements of such devices do not exceed 2120F (1000C), 19.7.8	FC 605.10	G. Jeff Davison	The above K-Tag is the same as IFC Section 605.10 except the IFC specifies electric where the above K-Tag does not provide a specific type of heating element.	No proposed changes for this K-Tag. (Myers: are space heating equipment other than electric powered prohibited in other areas of the IFC for healthcare facilities? Clarify/confirm)	JOHN'S note: add IFC section 308 (2009 version) that restricts open flame. Between the no portable electrical device and no open flame would essentially accomplish the same.
K71	IP	Rubbish Chutes, Incinerators and Laundry Chutes. 19.5.4, 9.5, 8.4, NFPA 82 (1) Any existing linen and trash chutes, including pneumatic rubbish and linen systems, shall be provided with automatic extinguishing protection in accordance with 8.7. (2) Any trash chute shall discharge into a trash collection room used for no other purpose and protected in accordance with 8.4. (3) Any existing flued incinerators shall be sealed by fire resistive construction to prevent further use.	FC 903.2.1.2 (sprinkler requirements)	G. Sharon Myers	708.13 (IBC 2009) references only rooms, 1-hour room enclosure w/door-closing 1 1/4hr door & 1 1/2 hr barrier & hour assembly compliance. IBC Section 708.13.4 requires same 1-hr & prohibits location in incinerator room. (2009) 215.4 is applicable for Ambulatory Healthcare Facilities and requires compliance with NFPA 101 Section 9.5. CHUTE INTAKE DOORS IS IBC 708.13.1	Suggested concepts to add to fire code for discussion: Language for shaft rating verification if existing and not in a room. (maintenance or rating of minimum of 1-hour (or greater) DR enclosure of existing laundry/refuse shafts within a rated room enclosure where existing shaft rating cannot be verified. Prohibition of the location of the chute terminal in an incinerator room seems valid to be introduced into the fire code; serious hazard. This would be for hospitals as well as ambulatory care facilities (since NFPA 101 (1999) requires compliance of laundry/rubbish chutes per Section 215.4. (NOTH (18/19 & 20/21) REQUIRE COMPLIANCE WITH SECTION 9.5)	NEED TO DRAFT RETRO LANGUAGE TO DISCONTINUE CHUTES DIRECTLY TO ROOM OF INCINERATOR OR ANY OTHER USE (NFPA LANGUAGE AND ELUDED TO IFC BUT NOT IN IMC/IFC/ABC. ALSO, DRAFT LANGUAGE FOR MINIMUM 1-HOUR FIRE RESISTANCE RATING PROVIDED IF NOT COMPLIANT (ROOM ENCLOSURE OR SHAFT WALL/FLOOR EQUIPMENT).
K71, Related to K 71	IP	Rubbish Chutes, Incinerators and Laundry Chutes. 19.5.4, 9.5, 8.4, NFPA 82 (1) Any existing linen and trash chutes, including pneumatic rubbish and linen systems, shall be provided with automatic extinguishing protection in accordance with 8.7. (2) Any trash chute shall discharge into a trash collection room used for no other purpose and protected in accordance with 8.4. (3) Any existing flued incinerators shall be sealed by fire resistive construction to prevent further use.	FC 903.2.1.2 (sprinkler requirements) FC 708.13.1 (FOR FIRE BARRIER MAINTENANCE)	G. Sharon Myers	708.13 (IBC 2009) references only rooms, 1-hour room enclosure w/door-closing 1 1/4hr door & 1 1/2 hr barrier & hour assembly compliance. IBC Section 708.13.4 requires same 1-hr & prohibits location in incinerator room. (2009) 215.4 is applicable for Ambulatory Healthcare Facilities and requires compliance with NFPA 101 Section 9.5. CHUTE INTAKE DOORS IS IBC 708.13.1	Suggested concepts to add to fire code for discussion: Language for shaft rating verification if existing and not in a room. (maintenance or rating of minimum of 1-hour (or greater) DR enclosure of existing laundry/refuse shafts within a rated room enclosure where existing shaft rating cannot be verified. Prohibition of the location of the chute terminal in an incinerator room seems valid to be introduced into the fire code; serious hazard. This would be for hospitals as well as ambulatory care facilities (since NFPA 101 (1999) requires compliance of laundry/rubbish chutes per Section 215.4. (BOTH (18/19 & 20/21) REQUIRE COMPLIANCE WITH SECTION 9.5)	NEED TO DRAFT RETRO LANGUAGE TO DISCONTINUE CHUTES DIRECTLY TO ROOM OF INCINERATOR OR ANY OTHER USE (NFPA LANGUAGE AND ELUDED TO IFC BUT NOT IN IMC/IFC/ABC. ALSO, DRAFT LANGUAGE FOR MINIMUM 1-HOUR FIRE RESISTANCE RATING PROVIDED IF NOT COMPLIANT (ROOM ENCLOSURE OR SHAFT WALL/FLOOR EQUIPMENT).
K60	NC	All existing elevators, having a travel distance of 25 ft or more above or below the level that best serves the needs of emergency responders, conform with Firefighter's Service Requirements of ASME/A17.3, Safety Code for Existing Elevators and Escalators. 19.5.3, 9.4.3.2	FC 4603.2 FC 1103.3 (2012 edition)	G. Bob Davison	Besides FC 4603.2 addressing this issue, section 607 does as well. IFC does not go in to as much detail as 101, however it does reference the same ASME standard A17.3. Further discussion regarding the level of detail requirements, and analysis of the IFC to see if there are any other references is required.	Recommend that IFC 1103.3 be modified to include the requirements for a firefighters service phase 1 key, a phase 1 emergency in-car operation, and having smoke detectors located in the elevator machine room and elevator lobby as is required in NFPA 101.	
K60	NC	ANSI A17.3 states 25 ft or more above or below the designated level and defines "designated level" as the main floor or other floor level that best serves the needs of emergency personnel for fire fighting purposes or rescue purposes identified by the building code or fire authority. Depending on floor slab thickness and heights this would generally apply to a three-story building, and almost certainly to a four-story building. Includes firefighters service phase 1 key recall and smoke detector automatic recall; firefighters service phase 1 emergency in-car key operation, machine room smoke detectors, and elevator lobby smoke detectors. 19.5.3, 9.4.3.2	FC 4603.2 FC 1103.3 (2012 edition)	G. Bob Davison	The 2013 Edition of IFC has moved "Construction Requirements for Existing Buildings" to Chapter 11. A review of Section 1103.3 does reference existing elevators with a travel distance of 25 feet or more above or below the main floor that is provided with emergency operation in accordance with ASME A17.3. However a review of ASME A17.3 revealed no requirements for a firefighters service phase 1 key or phase 1 emergency in-car operation, nor does it require having machine room smoke detectors and elevator lobby smoke detectors. Note: IFC Section 607 does require phase 1 emergency recall operation and Phase II emergency in-car operation in accordance with ASME A17.3 per NFPA 101 (1999).	Recommend that IFC Section 607 be modified to include escalators, dumbwaiters, and moving walks. Recommend that IFC 607.1 be modified to include escalators, dumbwaiters, and moving walks in the code section.	
K61	NC	All existing escalators, dumbwaiters, and moving walks conform to the requirements of ASME/ANSI A17.3, Safety Code for Existing Elevators and Escalators. 19.5.3, 9.4.2.2 Includes escalator emergency stop buttons and automatic shut down/stop. For power dumbwaiters includes keyboard door locking to keep doors closed except for floor where car is being loaded or unloaded.	FC 607.1	G. Bob Davison	Recommend that IFC 607.1, does not include escalators, dumbwaiters, and moving walks.	Recommend that IFC Section 607.1 be modified to include escalators, dumbwaiters, and moving walks with the requirement of ASME/ANSI A17.3 Safety Code for Existing Elevators and Escalators including emergency stop buttons, and automatic shut down/stop steps as well as keyboard door locking to keep doors closed except for the floor where the car is being loaded and unloaded for dumbwaiters as required in NFPA 101.	
K72	NC	FURNISHINGS AND DECORATIONS Means of egress shall be continuously maintained free of all obstructions or impediments to full instant use in the case of fire or other emergency. No furnishings, decorations, or other objects shall obstruct exits, access thereto, egress thereon, or visibility thereof shall be in accordance with 7.1.10	FC 703.5 (Means of Egress)	G. Jeff Davison	Means of egress are continuously maintained free of all obstructions or impediments to full instant use in the case of fire or other emergency. No furnishings, decorations, or other objects obstruct exits, access to, egress from, or visibility of exits. 7.1.10 FC and IBC, 1009.5. Obstructions shall not be placed in the require width of a means of egress except projections permitted by this chapter.	No change needed.	
K73	NC	No furnishings or decorations of highly flammable character shall be used. 19.7.5.2, 19.7.5.3, 19.7.5.4	FC 807.2	G. Jeff Davison	FC paragraph 805.2 addresses upholstered furniture and mattresses. Paragraph 805.2.1.2 references the same Peak Heat rates of 60W and 25MW, with exception for sprinklered facilities. All consistent with noted 2009 NFPA101 paragraphs, including with NFPA 701. Decorations are covered in 807.1, along with draperies and cubicle curtains noted in K74.	Due to consistency of codes, none recommended at this time.	
K74	NC	Draperies, curtains, including cubicle curtains, and other loosely hanging fabrics and linings serving as furnishings or decorations in health care occupancies shall be in accordance with provisions of 10.3.1 and NFPA 13 Standard for the Installation of Sprinkler Systems. Except shower curtains shall be in accordance with NFPA 701. Newly installed upholstered furniture shall meet the criteria specified when tested in accordance with the methods cited in 10.3.2 (2) and 10.3.1, 18.3.5.3 and NFPA 13. Newly introduced mattresses shall meet the criteria specified when tested in accordance with the method cited in 10.3.2 (3) and 10.3.4., 19.7.5.3	FC 807	G. Jeff Davison	This K-Tag references the same paragraphs as K73 for all fabric decoration and furniture finish, reference to NFPA 701 is covered in IFC paragraph 807.1, exception (2).	Due to consistency of codes, none recommended at this time.	
K75	IP	Solled linen or trash collection receptacles shall not exceed 32 gal capacity. The average density of container capacity in a room or space shall not exceed 1/2 gallon/ft. A capacity of 32 gal (121 l) shall not be exceeded within any 64 sq. ft. area. Mobile saline linen or trash collection receptacles with capacities greater than 32 gal shall be located in a room protected as a hazardous area when not attended. 19.7.5.5	FC 304.3	G. Jeff Davison	K-Tag deals with size of receptacles, and fire into volume recommendations being made for solid utility rooms in the Incidental Use Table 509. NFPA 101 calls for solid utility receptacles shall not exceed 32 gallons, while IFC 304.3 sets limit at 40 gallons. Also, NFPA sets a gallon per square foot limit on a room before it is considered in need of rating requirement.	Recommend reducing limit in IFC 304.3 to 32 gallon from 40 gallon. Also recommend adding gallon per square foot limit to 304.3.	
K81	IP	LABORATORIES Laboratories employing quantities of flammable, combustible, or hazardous materials shall be considered a severe hazard shall be protected in accordance with NFPA 99. (Laboratories that are not considered to be severe hazard shall meet the provision of K23) Laboratories in Health Care occupancies and medical and dental offices shall be in accordance with NFPA 99, Standard for Health Care Facilities. 10.5.1	FC 5001.5.1 and 5001.5.2 along with 5003.1.1, 5003.4, 5003.9.1 and 407.	G. Bob Davison	Though the terminology is different the "severe hazard" concept found in NFPA 99 is analogous to the Maximum Allowable Quantity (MAQ) thresholds for high hazard used that is applied in the IFC.	FC 5001.3.3 For maximum quantities per control area. Then you would apply 5001, 5001, 5004 and 5005 along with material specific chapters. If under the MAQ you apply 5001 and 5003 along with material specific chapters. Not that this K-Tag only reviewed the hazardous materials approach but NFPA 45 has other requirements for labs that could be reviewed. This is being dealt with to a certain extent by the FS group.	
K136	IP	Procedures for laboratory emergencies shall be developed. Such procedures shall include alarm activation, evacuation, and equipment shutdown procedures, and provision of control of emergencies that could occur in the laboratory, including specific detailed plans for control operators by an emergency control group within the organization or a public fire department in accordance with NFPA 99, 10.2.1.3.1, 19.3.2.1	Sections 5001.3.1, 5003.1, 5003.9.1 and 407	G. Bob Davison	The IFC contains language that generally would require that the procedures be developed. There could be language added to specifically address the 2 laboratories, but if doing so we raise the question whether there needs to be specific mention of all other types of laboratories using chemicals. I prefer the generic since going to specific creates too much possibility of missing a laboratory use and the claim is not required to comply.	FC 5001.5.1 and 5001.5.2 along with 5003.1.1, 5003.4, 5003.9.1 and 407.	
K131	NC	Emergency procedures shall be established for controlling chemical spills in accordance with NFPA 99, 10.2.1.3.2	Section 407.4	G. Bob Davison	This is generally required in the IFC for all occupancies using hazardous materials.	Sections 5003.3.1, 5003.4, 5003.9.1 and 407	
K132	IP	Continuing safety education and supervision shall be provided. Procedures shall be reviewed monthly, and procedures reviewed annually shall be in accordance with NFPA 99, 10.2.1.4.2	Section 5003.8.1 points to IBC, IBC 414.1.2 points to IMC, IMC covers laboratory ventilation.	G. Bob Davison	Though training is covered, the referenced section could be enhanced with a requirement for annual refresher training.	Section 407.4	
K133	IP	Fume hoods shall be in accordance with NFPA 99, 5.4.3, 5.6.2	No direct IFC reference	G. Bob Davison	Fume hoods are extensively provided for in the IMC which users of the ICode are pointed to, however, there has been discussion that the may need to be enhancement of the IMC language to clearly address the biological hazards (see NFPA 99, 5.4.3.1.7 and) would suggest language be added addressing radioactive materials (see NFPA 99-2005, 6.4.3.3*)	FC NEEDS TO REF RADIACTIVE AND HAVE ALL AREAS COVERED FOR HC OCCUPANCIES/RIS/IN IMC.	Section 5003.8.1 points to IBC, IBC 414.1.2 points to IMC, IMC covers laboratory ventilation. Need to add provisions to IMC for biological hazards and radioactive hazards. Sharon Myers has some language drafted to be reviewed. MYERS TO RESEARCH/WORK WITH JEFF F/B. DAVIDSON TO COORDINATE WORK
K134	IP	Where the eyes or body of any person can be exposed to injurious corrosive materials, suitable fume facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use. Fume eye baths designed and installed to avoid injurious water pressure shall be in accordance with NFPA 99, 10.	No direct IFC reference	G. Bob Davison	This topic would need addition to the IFC.	No direct IFC reference. This should be required by the IFC and the IFC needs to provide the requirements on how to install. Section 5003.9 MYERS TO RESEARCH/WORK WITH JEFF F/B. DAVIDSON TO COORDINATE WORK	

K-Tag	Status	CODE REQUIREMENT	ICC reference	Work group assignment	Analysis	Code Change	ADDITIONAL DISCUSSION NOTES AND COMMENTS FOR DIRECTION
K135	NC	Flammable and combustible liquids shall be used from and stored in approved containers in accordance with NFPA 30, Flammable and Combustible Liquids Code, and NFPA 45, Standard on Fire Protection for Laboratories Using Chemicals. Storage cabinets for flammable and combustible liquids shall be constructed in accordance with NFPA 30, Flammable and Combustible Liquids Code NFPA 99, 4.3, 10.7.2.1.	ICC Sections 5003.8.7, 5003.9.10 and 3404.3	G. John Williams	both topics are covered by the IFC.		ICC Sections 5003.8.7, 5003.9.10 and 3404.3
MEDICAL GASES AND ANESTHETIZING AREAS							
K76	IP	Medical gas storage and administration areas shall be protected in accordance with NFPA 99, Standard for Health Care Facilities. (a) Oxygen storage locations of greater than 3,000 cu.ft. are enclosed by a one-hour separation. (b) Locations for supply systems of greater than 3,000 cu.ft. are vented to the outside. NFPA 99, 4.3.1.1.2, 18.3.2.4, 19.3.2.4	IFC 5006	G. John Williams	(b) IFC Table 2703.1 (1) states maximum allowable quantity per Control Area for Outgoing Gas storage is 3,500 cu.ft. and can be increased by 100% if the building is fully sprinklered to 3,000 cu.ft. Walls shall be rated 1-hour. Issue: In a room with less than 3,000 cu. ft. stored Ventilation is covered in the IFC 3006.2.3 and the minimum vent size is 36 square inches with two separate vents, one located 6" above the floor and one located 6" below the ceiling. The NFPA 99 4.3.1.1.2 (b) 4 and 4.3.1.1.2 (c) states two vents are required as well however with a minimum free area of 72 square inches located within 12" of the floor and 12" ceiling.		
K77	IP	Piped in medical gas systems comply with NFPA 99, Chapter 4.	IFC 3006.4	G. John Williams	The requirement is essentially the same. We could narrow the focus down to the applicable chapters of 99 to prevent over-application of ALL of NFPA 99 during post-occupancy. NFPA 99 will probably have some language about retroactivity, but that seems to be missed often. Point is if the fire code is going to be applied as a maintenance/retroactive requirement, how do we keep from creating a retroactive requirement everytime NFPA 99 changes the text?	May need a code change - needs more discussion	
K78	IP	Anesthetizing locations shall be protected in accordance with NFPA 99, Standard for Health Care Facilities. (a) Shut-off valves are located outside each anesthetizing location and arranged so that shutting off one room or location will not affect others. (b) Relative humidity is maintained equal to or greater than 35% NFPA 99 4.3.1.2.3(n) and 54.5.1, 19.3.2.3, 19.3.2.3	IFC 3006.4	G. John Williams	These requirements are NFPA 99 which is a direct reference per 3006.4. I do not have a copy of NFPA 99 2012 to verify if the requirements will be the same.	see KTAG 77	K78: MYERS COMMENT: PER NFPA 99 AND 101 - AREAS FOR ANESTHETIZING LOCATIONS ARE REQUIRED TO COMPLY WITH THE SAME PROVISIONS AS NFPA 99 (CHAPTER 13) FOR HOSPITALS. SAME HAZARD/SAME PRECAUTIONS REQUIRED.
K140	IP	(a) Master alarm panels are in two separate locations and have audible and visible signals. (b) There are high/low alarms for +/- 20% operating pressure. This section shall be in accordance with NFPA 99, 4.3.1.2.2. (c) Where a level 2 gas system is used, one alarm panel that complies with 4.3.1.2.2(b) a, b, c and d and with 4.3.1.2.2(c) 2 and 5 shall be permitted. (4.4.1 exception No. 4).	IFC 3006.4	G. John Williams	see KTAG 77		
K141	IP	Non-smoking and no smoking signs in areas where oxygen is used or stored shall be in accordance with 19.3.2.4, NFPA 99, 8.6.4.2	IFC 3006.4 and 2703.1	G. John Williams	that section 2703.1 would require the prohibition of existing and would require "no smoking" signage at hazardous material location that exceed the permitt amount (504 cubic feet of O2 allowed)	No code change required	
K142	CC	All occupancies containing hyperbaric facilities shall comply with NFPA 99, Standard for Health Care Facilities, Chapter 19.	IFC 3006.4 <i>part of - needs a new section?</i>	G. John Williams	This is unclear. The medical gas section in the IFC would refer you to NFPA 99 for the med gas requirements, but it doesn't specifically say anything about the hyperbaric requirements. Both need to be referenced. The IFC currently refers to "Chapter 20 of NFPA 99" for hyperbaric chambers in group 1-2. Narrowing the scope to Group 1-2 is not the best because frequently hyperbarics are used in outpatient facilities, doctor's office, etc. I suggest we make the IFC language more generic, also we add the language into the IFC. Not sure where a good spot is.	ICC Change: IBC Section 404-XXX + hyperbaric facilities in Group 1-2 occupancies shall meet the requirements in Chapter 20 of NFPA 99 IFC Change: Section XXX + hyperbaric facilities. Hyperbaric facilities shall meet the requirements of Chapter XX of NFPA 99	
K143	IP	Transferring of oxygen shall be: (a) separated from any portion of a facility wherein patients are housed, examined, or treated by a separation of a fire barrier of 1-hour fire-resistive construction; and (b) the area that is mechanically ventilated, sprinklered, and has ceramic or concrete flooring; and (c) in an area that is posted with signs indicating that transferring is occurring, and that smoking in the immediate area is not permitted in accordance with NFPA 99 and Compressed Gas Association, 8.6.2.5.2.	No direct IFC reference	G. John Williams	Multiple issues: 1. Transfer of compressed oxygen. 109 IFC Section 3005.7 requires compliance with CGA P-1 for transfer of compressed gases from cylinder to cylinder. NFPA 99 requires compliance with CGA 2.5. Not sure what the difference is. Also, NFPA 99 requires that this not occur in "patient care areas." IFC does not have this restriction. 2. Transferring liquid oxygen. NFPA 99 has general reqs. for flooring, ventilation, separation and reference to CGA P-2.6 and P-2.7. Compressed oxygen is death with in IFC chapter 40 and chapter 32. Chapter 40 talks about transferring in "home health care", i.e. Group R and I-1. It does not cover I-2. Chapter 32 covers general "filling and dispensing" but does not pick up the requirements for CGA 2.6 and 2.7. The requirements for flooring and ventilation are vague as well.	Need code change.	
ELECTRICAL							
K106	IP	The hospital and all nursing homes and hospices with life support equipment has a Type Essential Electrical System powered by a generator with a transfer switch and separate power supply. The EES is in accordance with NFPA 99, 3.4.2.2, 3.4.2.1.4	No direct IFC reference	ICC - James Hayes	The K-TAG requirement is from NFPA 99 which is only referenced for Hyperbaric chambers in IBC Section 407.12 and Compressed Medical Gas in IFC Section 5306.4	Proposed code change IBC Section 407.11 Emergency Power. An emergency power system complying with Chapter 27 and NFPA 99, Standard for Health Care Facilities, shall be provided for emergency power loads. IFC Section 604.1.2 Group 1-2 Occupancies. Emergency power shall comply with this Section and NFPA 99 Standard for Health Care Facilities. Exception: 1. Existing installations shall be maintained in accordance with original approval where system does not pose a distinct hazard to life.	May not need exception.
K144	NC	Generators inspected weekly and exercised under load for 30 minutes per month and shall be in accordance with NFPA 99, 3.4.4.1, NFPA 110, 8.4.2	No direct IFC reference	ICC - James Hayes	IFC Section 604.3 and 604.4 require inspection, testing, and maintenance of generators to meet NFPA 110 and 111 requirements which appears to meet the K-TAG.	None required.	
K145	NC	The Type I EES is divided into the critical branch, life safety branch and the emergency system and shall be in accordance with NFPA 99, 3.4.2.2.2	No direct IFC reference	ICC - James Hayes	The K-TAG requirement is from NFPA 99 which is only referenced for Hyperbaric chambers in IBC Section 407.12 and Compressed Medical Gas in IFC Section 5306.4.	Proposed code change IBC Section 407.11 Emergency Power. An emergency power system complying with Chapter 27 and NFPA 99, Standard for Health Care Facilities, shall be provided for emergency power loads. IFC Section 604.1.2 Group 1-2 Occupancies. Emergency power shall comply with this Section and NFPA 99 Standard for Health Care Facilities. Exception: 1. Existing installations shall be maintained in accordance with original approval where system does not pose a distinct hazard to life.	See K147
K146	NC	The nursing home/hospice with no life support equipment shall have an alternate source of power separate and independent from the normal source that will be effective for minimum of 1/2 hour after loss of the normal source NFPA 99, 3.4.	No direct IFC reference	ICC - James Hayes	The K-TAG requirement is from NFPA 99 which is only referenced for Hyperbaric chambers in IBC Section 407.12 and Compressed Medical Gas in IFC Section 5306.4.	Proposed code change IBC Section 407.11 Emergency Power. An emergency power system complying with Chapter 27 and NFPA 99, Standard for Health Care Facilities, shall be provided for emergency power loads. IFC Section 604.1.2 Group 1-2 Occupancies. Emergency power shall comply with this Section and NFPA 99 Standard for Health Care Facilities. Exception: 1. Existing installations shall be maintained in accordance with original approval where system does not pose a distinct hazard to life.	See K147
K147	NC	Electrical wiring and equipment shall be in accordance with NFPA 70, National Electrical Code, 91.2	No direct IFC reference	ICC - James Hayes	IBC Section 2702 requires electrical equipment and wiring to meet NFPA 70.	Proposed code change IFC Section 605.12 Electrical Systems. Electrical components, equipment and systems shall be maintained in accordance with the provisions on NFPA 70.	What maintenance provisions are you looking to pick up from NFPA 70? Hospital already have to comply with NFPA 70. Committee decided this was referenced enough already. If specifics are needed, identify what they are. NFPA is an installation standard, not a maintenance. Hazards are already required to be abated.
		IP - Code change proposal in progress	Fixe Safety (26)	0			
		CC - Code change proposal completed	MDE (26)	0			
		NC - No change proposed	General (26)	0			