

July 13, 2017

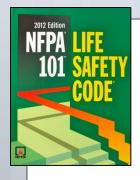
Chapter 43 "Rehabilitation"

Welcome to the WHEA

Lunch & Learn

Lauzon Life Safety Consulting





L&L Agenda

- 1. Chapter 43 Overview
- 2. Rehabilitation Categories
- 3. Exercises Categories
- 4. Comparison: LSC 43 & IEBC
- 5. Requirements of Categories
- 6. Exercises Requirements
- 7. Plan Submittals



Attempt "long-distance feedback" of how well we are getting the message to you

Trying something new





EXPERIMENT



A place to ask thought provoking questions

An audience response system

Kahoot



Get the Kahoot app from the play store



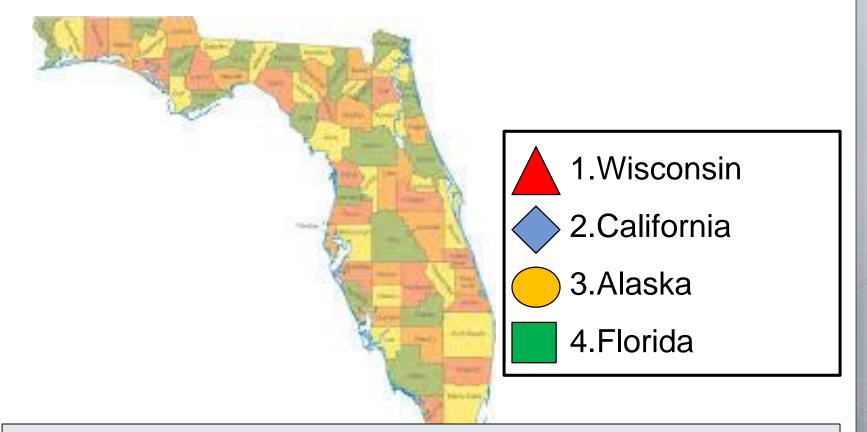
Or Go to: www.kahoot.it



EXERCISE # x

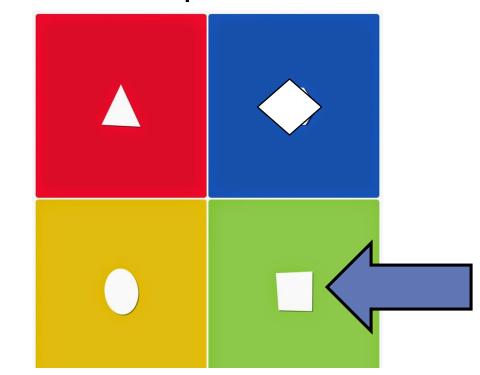


Q: What state is shown?



Our actual questions are going to involve <u>slides 25 & 26</u>. You may wish to <u>make copies</u> of these for everyone in your room

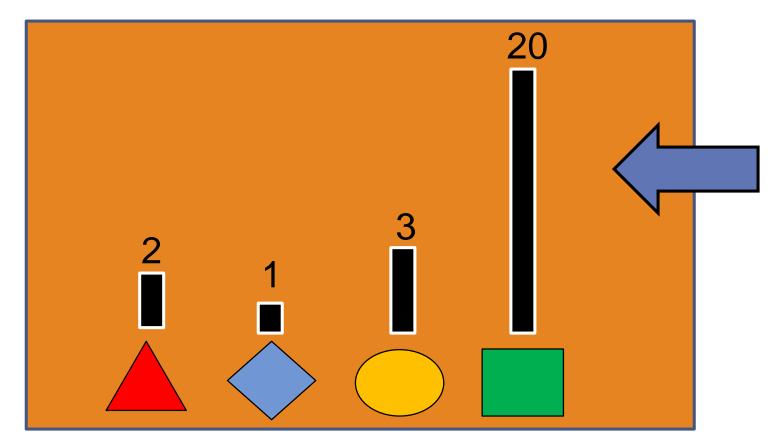
You choose the "best" answer from the multiple-choices



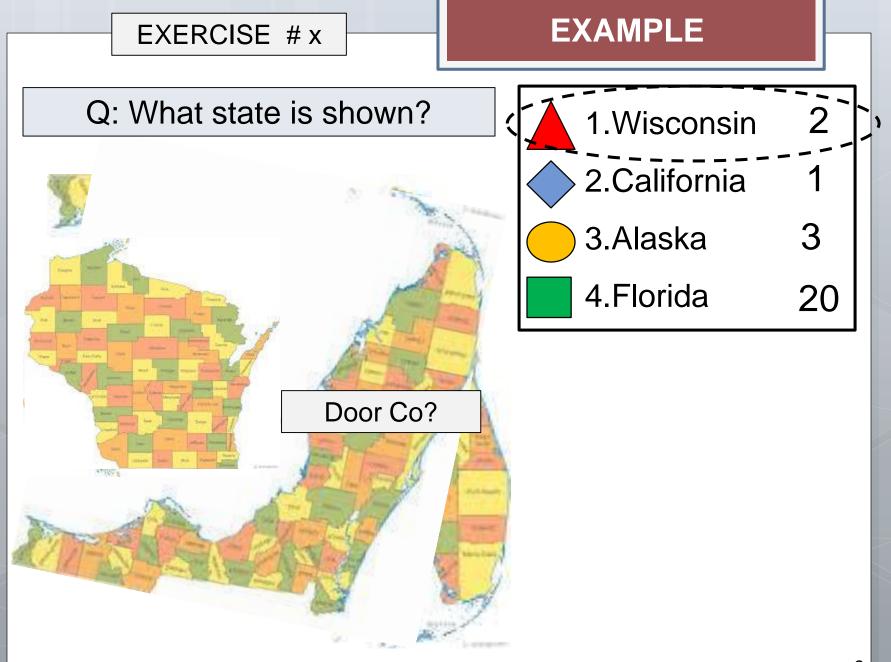
Tap your answer on your cell phone/tablet

Kahoot

Everyone's answers will tabulate on our PC



And we will pass on the results to you And clarify, as needed



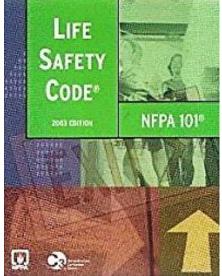


1. LSC Chapter 43 Overview

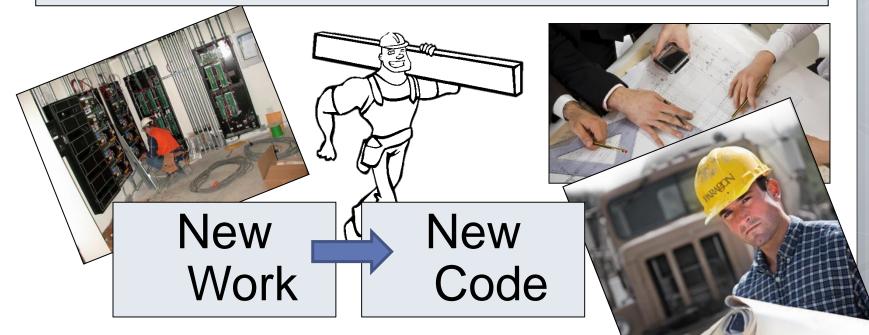
Building Rehabilitation

Chapter 43, Building Rehabilitation, was added in the 2003 edition to

"promote the adaptive reuse of existing buildings without sacrificing needed life safety"



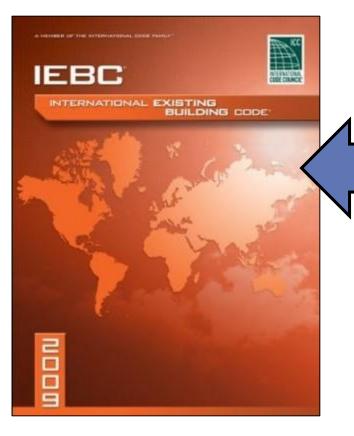
2000 LSC: "If You Touch it – Follow "new" codes



Under the 2000 LSC minor renovation projects needed to meet the <u>same stringent requirements</u> as those applied to completely new construction.

Chapter 43

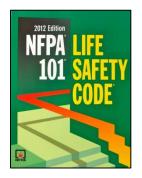
2012 Code: requirements VARY WITH amount of rehabilitation work performed (by category)



Similar to

International Existing Building Code

Any coincidence? Also came around the same time



Any Remodel Project must Follow 2 rules:

1. Comply w/EXISTING

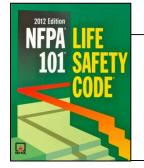
43.1.2.1 Any building undergoing repair, renovation, modification, or reconstruction (*see 43.2.2.1.1 through 43.2.2.1.4*) shall comply with both of the following:

Requirements of the applicable existing occupancy chapters (see Chapters 13, 15, 17, 19, 21, 23, 24, 26, 29, 31, 33, 37, 30, 40, and 42)
 Kequirements of the applicable section of this chapter (see

Sections 43.3, 43.4, 43.5, and 43.6)

2. Follow CHAPTER 43

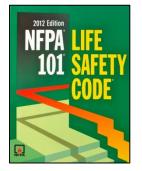
Chapter 43



LSC Chapter 43 Table of Contents

0	Chapter 4	43 Building Rehabilitation	3
F	43.1	General 101–333	3
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	43.4	Renovations 101–334	Ł
	43.5	Modifications 101-335	5
	43.6	Reconstruction	5
	43.7	Change of Use or Occupancy	
		Classification 101–336	j
	43.8	Additions 101–337	7
	43.9	Reserved 101–337	7
	43.10	Historic Buildings 101–337	7

MORE TH>N



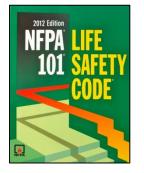
Multiple Categories

43.1.3.1 Work of more than one rehabilitation work category shall be permitted to be part of a single work project.

43.1.3.2 Where a project includes one category of rehabilitation work in one building area and another category of rehabilitation work in a separate area of the building, each project area shall comply with the requirements of the respective category of rehabilitation work.



General

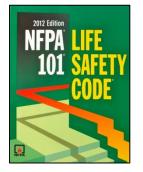


Alternatives due to Hardships

43.1.4.3 Where compliance with this chapter, or with any provision required by this chapter, is <u>technically infeasible</u> or would impose <u>undue hardship</u> because of structural, construction, or dimensional difficulties, the authority having jurisdiction shall be authorized to <u>accept alternative</u> materials, design features, or operational features.

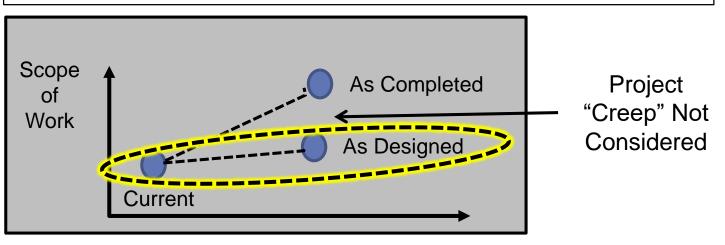


Definitions

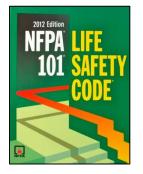


Special Definitions

43.2.2.4 Rehabilitation Work Area. That portion of a building affected by any renovation, modification, or reconstruction work as <u>initially intended by the owner</u>, and indicated as such in the permit, but excluding other portions of the building where incidental work entailed by the intended work must be performed, and excluding portions of the building where work not initially intended by the owner is specifically required.



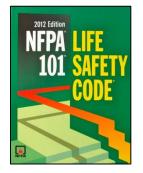
Definitions



43.2.2.2* Equipment or Fixture. Any plumbing, heating, electrical, ventilating, air-conditioning, refrigerating, and fire protection equipment; and elevators, dumbwaiters, escalators, boilers, pressure vessels, or other mechanical facilities or installations related to building services.

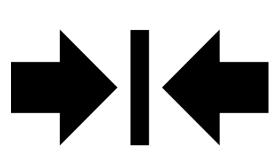
= utility **()** component

Definitions



43.2.2.5 Technically Infeasible. A change to a building that has little likelihood of being accomplished because the existing <u>structural conditions</u> require the removal or alteration of a load-bearing member that is an essential part of the structural frame, or because other existing physical or <u>site constraints</u> prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with applicable requirements.





Chapter 43

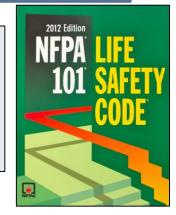
2. Rehabilitation Categories

LSC Table of Contents

CODE	Chapter 4	43 Building Rehabilitation
	43.1	General
	48.9	Special Definitions
	43.3	Repairs 101–33
	43.4	Renovations 101–3
	43.5	Modifications 101–
	43.6	Reconstruction
	43.7	Change of Use or Occupancy
		Classification
	43.8	Additions 10
	43.9	Reserved 101–337
	43.10	Historic Buildings 101–337

Categories

Changes made to existing buildings MUST Meet 2012 <u>REHAB REQUIREMENTS</u>



Category	Section
1.Repair	43.3
2.Renovation	43.4
3.Modification	43.5
4.Reconstruction	43.6
5.Change Of Use	43.7
6.Change Of Occupancy	43.7
7.Addition	43.8

Categories

DIFFERENT Categories than IEBC



Chap 43 Rehab Sheet – p1

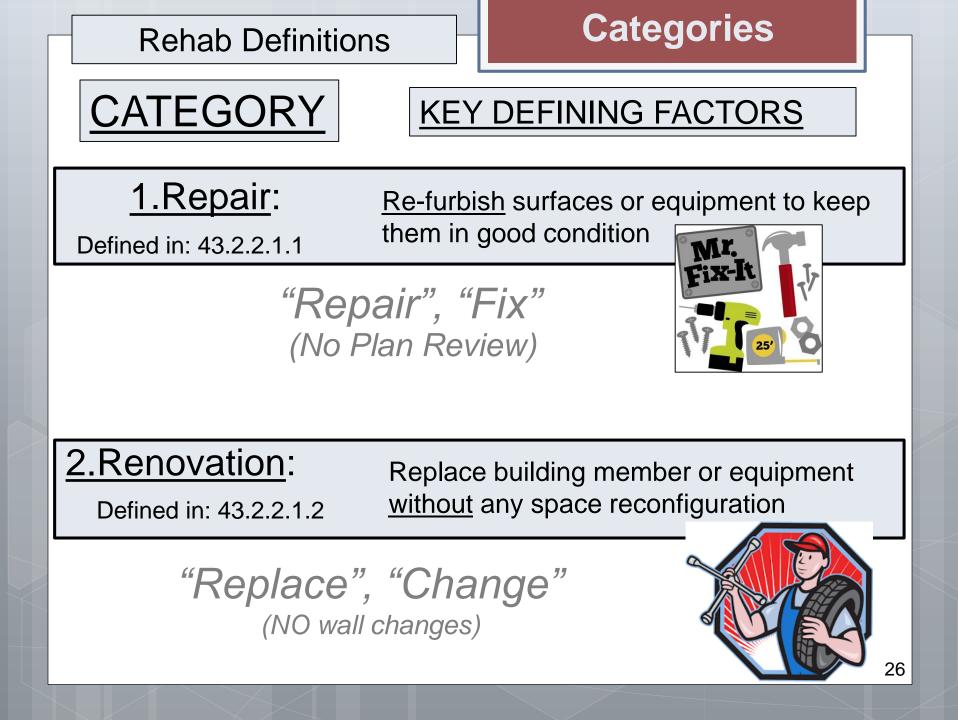
Chapter 43 CATE GORY & DE FINING FACTORS ^{(1), (3), (5)}	NFPA 101 (LSC)-2012 CODE REQUIREMENTS for REHAB WORK IN THIS CATEGORY ⁽²⁾ (43.1.2)		
RE PAIR - Re-Furbish surfaces or equip to keep in good condition (43.2.2.1.1)	43.3 A. Cannot make less code-conforming than current	B. Use like-materials	
RENOVATION - Replace or upgrade bldg member or equip <u>without</u> a space reconfiguration (43.2.2.1.2)	<u>43.4</u> A. New work comply w/Existing (43.4.1.3) B. Not make less code-conforming (43.4.1.4) C. Minor reduction in clear width of doors permitted (43.4.1.5)	 D. AHJ can reduce occup load calc of existing MoE (43.4.2) E. New finishes per New code (43.4.3) F. Added equip or extention of sys comply as a "Modification" (43.4.4) 	
MODIFICATION - 1) Space, equip or sys <u>reconfiguration</u> , or 2) Door/window changes, or 3) added equipment (43.2.2.1.3)	<u>43.5</u> A. Follow "Renovation", plus below (43.5.1.1) B. New work compy with New code (43.5.1.3) C. If "Modification" if >90% of work & "Reconstr" is <10%, apply respective requirements separately	D. If Extensive #1: If work in entire bldg/occupancy (unless only MEP/structural) follow "Reconstruction" (43.5.2.1) E. If Extensive #2: If work is >50% of bldg (unless exclusively MEP/structural) follow "Reconstruction" (43.5.2.3)	
<u>RECONSTRUCTION</u> - Any space <u>reconfiguration</u> that: 1) Affects a MoE <u>corridor or exit</u> (excluding halls in suites) or 2) Must be <u>non-occupied</u> due to MoE or sprinkler non-operation (43.2.2.1.4)	 43.6 A. Follow 43.4, 43.5 (except stair replace), plus below: B. Applies only to "Reconstruction" portion when mixed with "Modification" work (43.6.1.3) C. Follow MoE constr of existing chap, except per below (43.6.2.1) If "Reconstr" >50% of floor, Follow MoE signs & lighting of New chapter for entire floor (43.6.2.2.2) If "Reconstr" >50% of bldg, Follow MoE constr, exit, exit disharge, signs & lighting of New chapter (43.6.2.2.3) Tenent s paces outside "Reconstr" follow Exist chap (43.6.2.2.4) D. "Reconstr" in small B&C occup must have fire/smoke barriers (43.6.3) 	 E. Suppression: I If "Reconstr" >50% of bldg, must sprink le all highest "Reconstr" floor & all below it (43.6.4.1) If "Reconstr" >50% of floor, must sprink le floor (43.6.4.2) If "Reconstr" includes elev shaft or equip rm must add fire fighter recall (43.6.4.3) Standpipes must be provided on highest "Reconstr" floor & all below it if required by New code (43.6.4.4) Fire pump not required if highest standpipe in full spkled bldg can accept 250 gpm@65psi or 500 gpm in non-spkled (43.6.4.6) F. Provide smoke alarms in guest rms per New code (43.6.5) G. Elevator: In a high-rise, if "Reconstr" is an entire floor or >20% of an occupied bldg, must have at least one elev (43.6.6) 	
<u>CHANGE OF USE</u> - Change of purpose or activity so a new code section is applied in the <u>same</u> occupancy classification (43.2.2.1.5)	<u>43.7.1</u> A. Follow 43.3, 43.4, 43.5, 43.6, as applicable (43.7.1.3) B. Follow Existing chapter of the new use, unless it creates a hazardous space (43.7.1.1)	C. If Change creates a Haz space, follow New chap of new use (43.7.1.2(1)), except below If change creates a haz space < 250 SF in an exist fully spkled Health Care, follow 19.3.2.1 (43.7.1.2(2))	
CHANGE OF OCCUP CLASS - Change of Occupancy classification (43.2.2.1.8)	43.7.2 (Use table below "(6)" to eval how new use changes Haz Category) ⁽⁶⁾ A If Change creates a new & less haz space in a new Assembly occup, follow 13.3.2, and install spk Ir & alarms if required by 12.3.2 (43.7.2.2)	 B. If Change creates a new & less Haz space in a non-Assembly occup, follow Existing chap of new use, and install spklr & alarms if required by New chap (43.7.2.1) C. If Change creates a new & more Haz space, follow New chap of new use (43.7.2.3) 	

Chap 43 Rehab Sheet – p2

Categories

Chapter 43 CATE GORY & DE FINING FACTORS ⁽¹⁾ , ⁽³⁾ , ⁽⁵⁾	NFPA 101 (LSC)-2012 CODE REQUIREMENTS for REHAB WORK IN THIS CATEGORY ⁽²⁾ (43.1.2)		
<u>ADDITION</u> - Increased area, height or stories (43.2.2.1.7)	 43.8 A. New portions shall follow New chap of applicable occup (43.8.1.1(1)) B.New portions cannot extend any non-conforming MoE element of the exist. portion (43.8.1.2) C. Exist portions shall follow Existing chap of applicable occup (43.8.1.1(2)) D. Exist portions shall follow 43.3 thru 43.6, as applicable 	 E. Exist portion shall be sprinkled if not appropriately separated from the addition, as required by New chap (43.8.3) F. Height cannot exceed what is permitted for constrict type in New chap of applicable occup (43.8.2) G. Provide smoke alarms in guest rms per New code (43.8.4) 	
HISTORIC BUILDING to a bldg so designated by an AHJ (3.3.36.8)	<u>43.10</u> A Work shall follow 43.3, 43.4, 43.5, 43.6; OR as shown below (43.10.1) B. Rehab work must be evaluated if the bldg will be used by the public, including (1) a written report prepared by an approved person & filed the AHJ; (2) The appoved person may be a design professional or licenced contr; (3) Who is knowledgeable in historic preservation; (4) Report identifies each required safety feature that complies with Chap 43 and which would be damaging to historical features; (5) Report identifies each required safety feature that does not comply with Chap 43 and (6) what can be done to provice an equivalent level of safety;		
FOOTNOTE S			
 Separate Categories can exist in different parts of the building (43.1.3.2) AHJ may accept alternative methods If compliance is technically infeasible or impose undue hardship by construction (43.1.4.3) Equipment or fixture refers to MEP devices 		(6) <u>Hazard Category Table</u> 43.7.3: <u>1. Highest Haz</u> : Indust or Storage occup with high haz contents <u>2. Moderate Haz</u> : Health care, Detention, Res Board & Care <u>3. Minimal Haz</u> : Assembly, Educ, Day Care, Amb Health, Ord Storage	
 (4) Rehab Work Area refers to the portion of excludes all other, even if incidental weights (5) Consider as separate category if in separate 		Residential, Mercantile, Business, Gen & special-purpose Industrial, <u>4. Low Haz</u> : Industrial or Storage occup with low haz contents	

Available for FREE Down Load from: Healthcare Survey Lauzon-LSC@com (Free Tools Page)





Categories

KEY DEFINING FACTORS

3.Modification:

CATEGORY

Defined in: 43.2.2.1.3

Space <u>reconfiguration</u>, changes to doors or windows, or added equipment

"Small Remodel", "Add Equip" (NO Corridor work; Occupied)

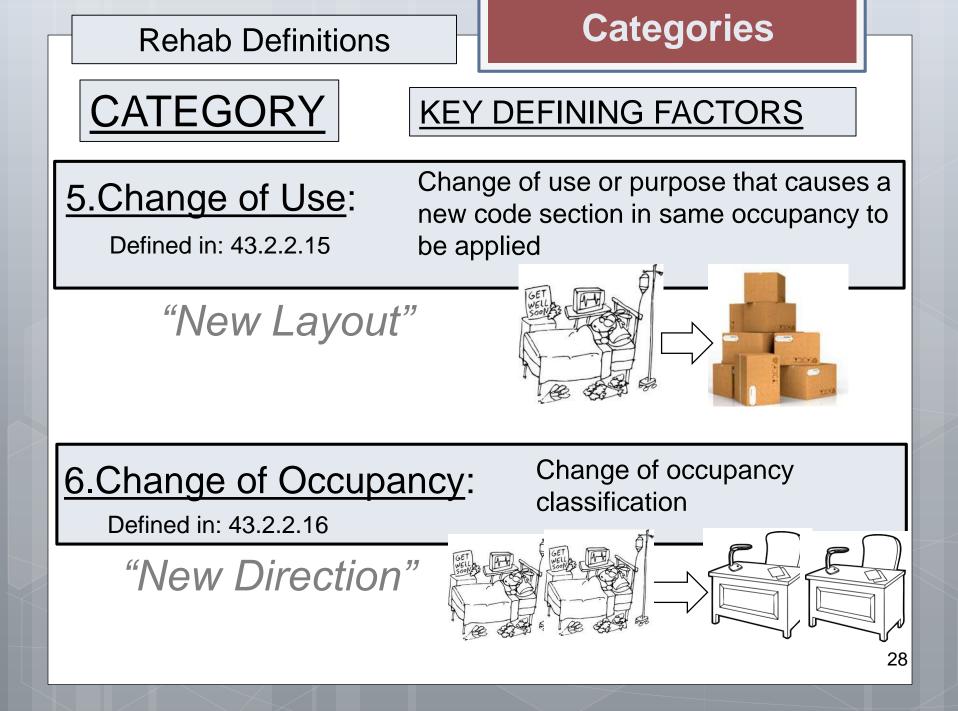
4.Reconstruction:

Defined in: 43.2.2.1.4

Space <u>reconfiguration</u> that affects corridor or exit; or if space must be <u>non-occupied</u>

"Large Remodel", "Add Equip" (Affect Corridor/Exit; Non-Occupied)





Rehab Definitions

Categories

<u>CATEGORY</u>

KEY DEFINING FACTORS

7.Addition:

Defined in: 43.2.2.17

Change that increases the area, height or # stories of a building



<u>CATEGORY</u>

Most Frequent "Remodel"

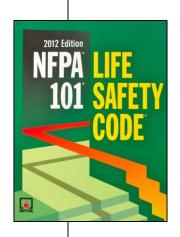
	Category	Section	2012 Edition
	1.Repair	43.3	NFPA LIFE
	2.Renovation	43.4	LUI SAFEI
_	3.Modification	43.5	
I	4.Reconstruction	43.6	MEDA
L	5.Change Of Use	43.7	<u>i</u>
	6.Change Of Occupancy	43.7	-
	7.Addition	43.8	

What Category?

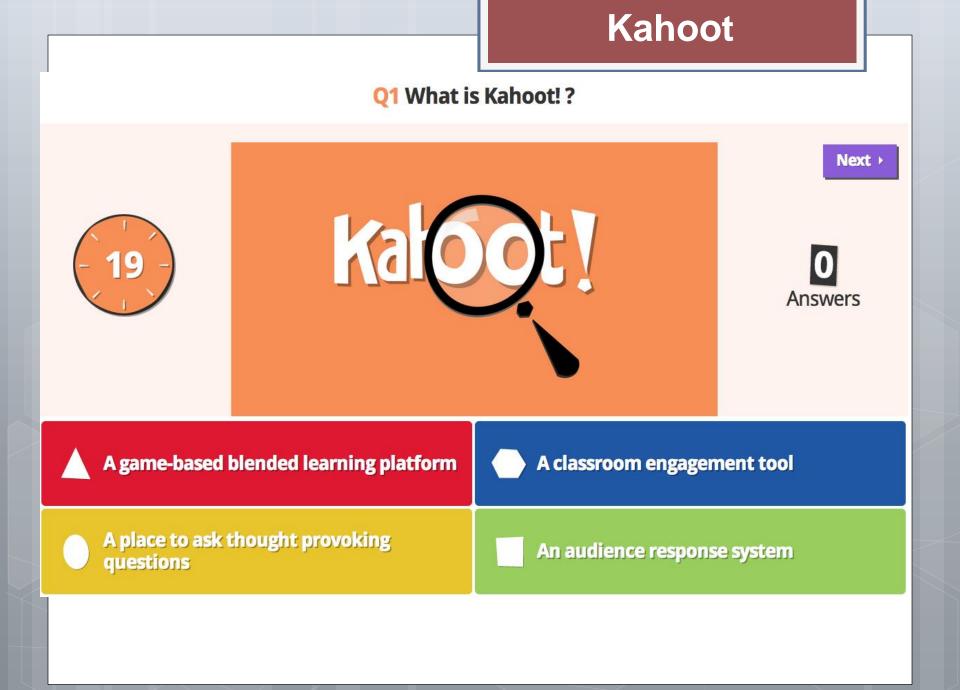
3. Exercises-Categories

Determine the correct <u>REHAB CATEGORY</u>

- 1.Repair
- 2.Renovation
- **3.**Modification
- **4.Reconstruction**
- 5.Change Of Use
- 6.Change Of Occupancy
- 7.Addition



(Use the "Chap 43 Rehab" Slides # 25-26)



Kahoot



Go to: www.kahoot.it



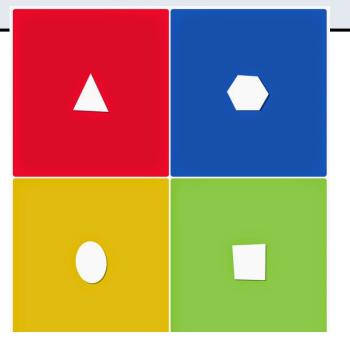
Or get the kahoot app from the play store

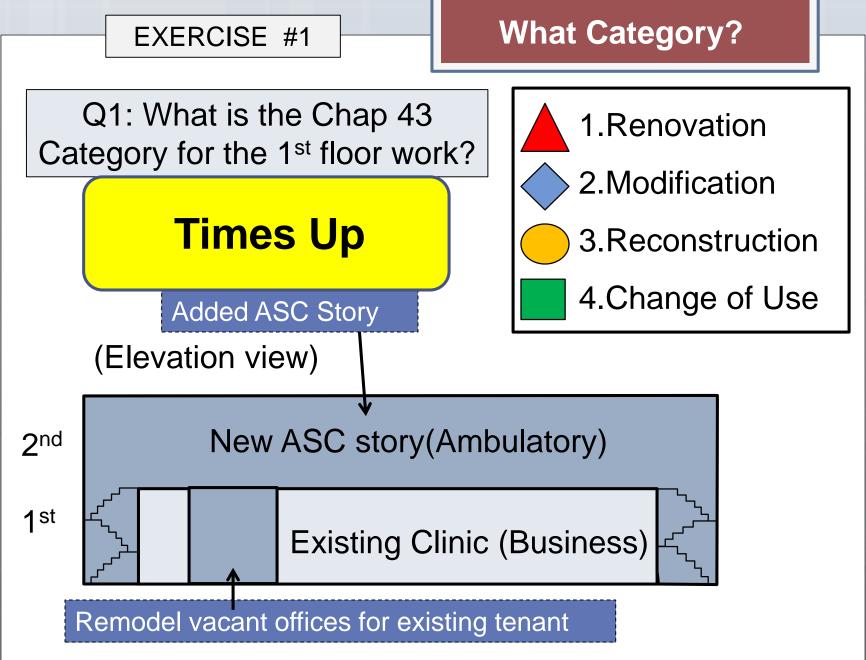


Kahoot

1. Enter this PIN #:

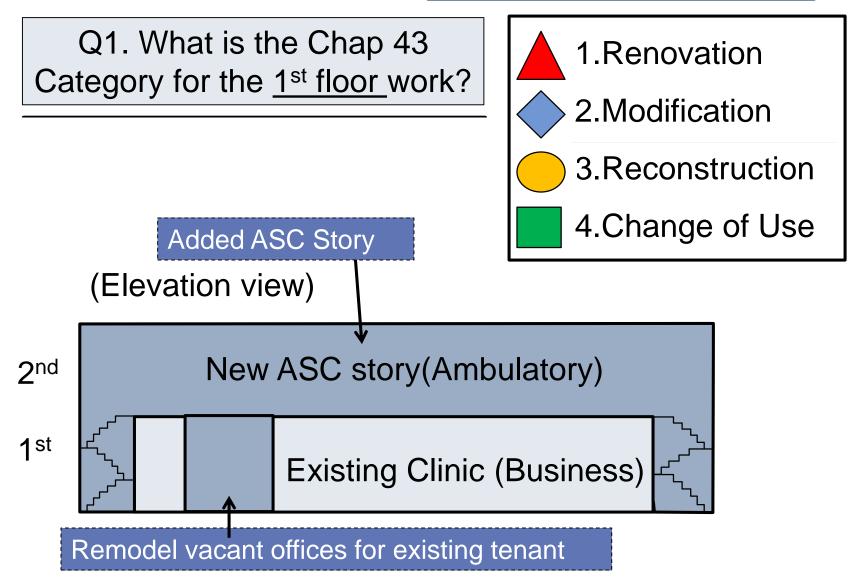
2. Make-Up a <u>Nickname</u> for your group/self

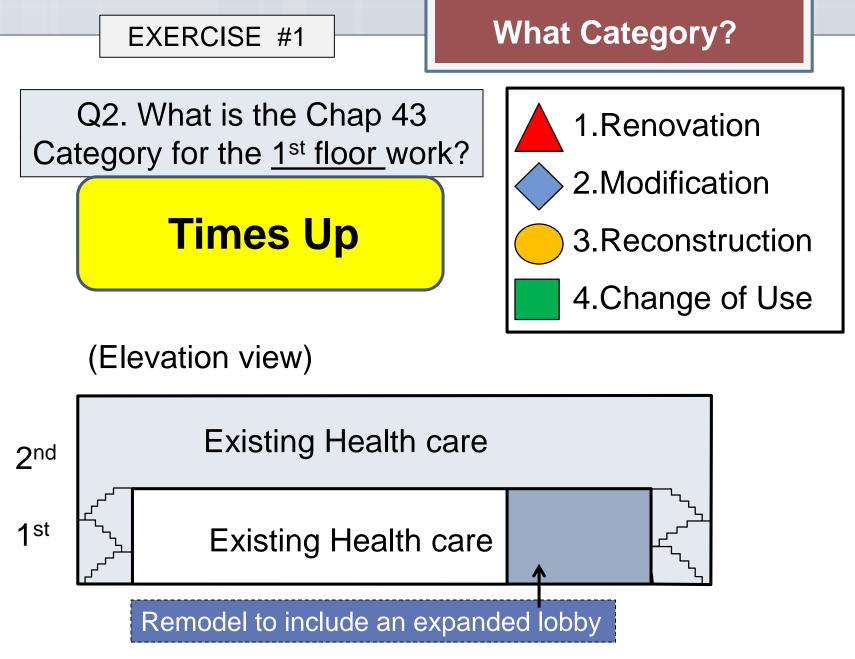




EXERCISE #1

What Category?





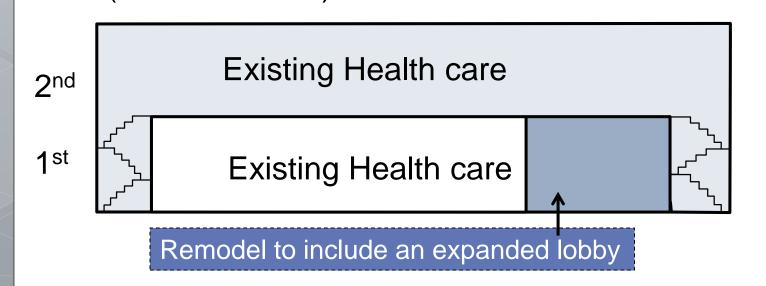
What Category?

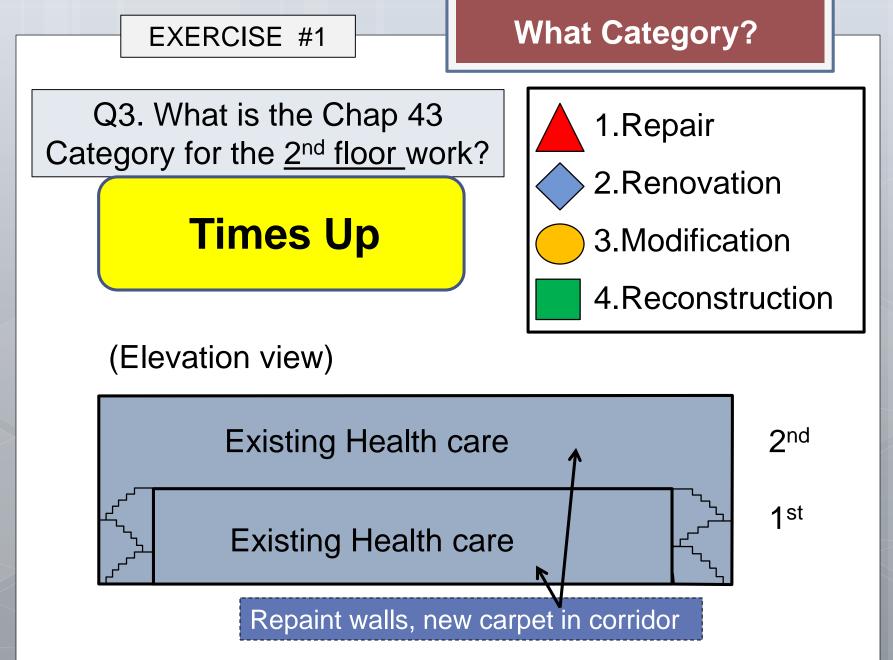
Q2. What is the Chap 43 Category for the 1st floor work?

1.Renovation
2.Modification
3.Reconstruction

4.Change of Use

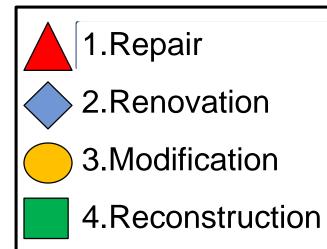
(Elevation view)

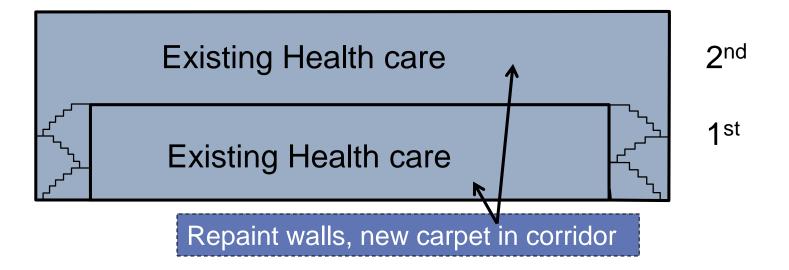


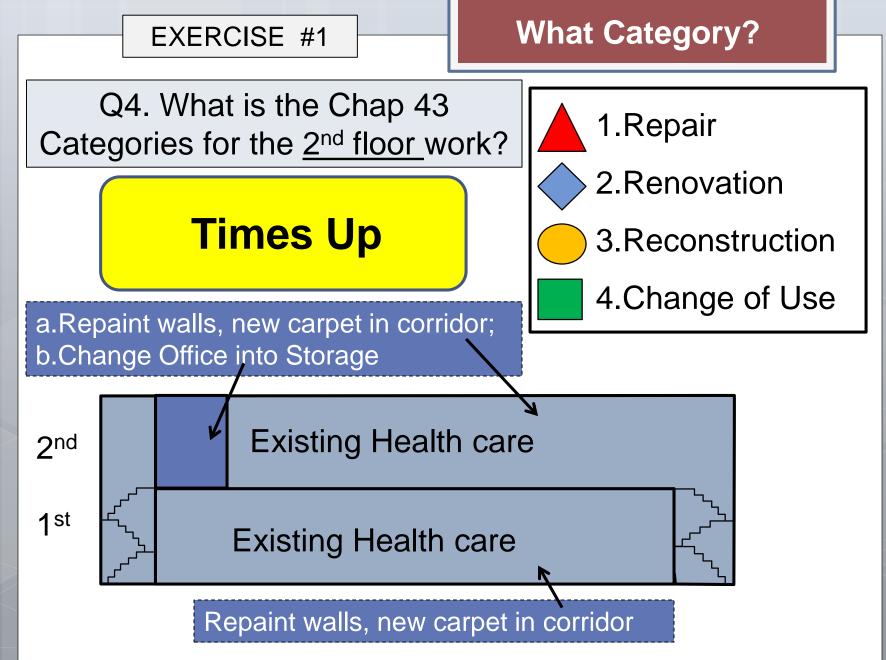


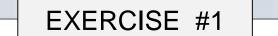
What Category?

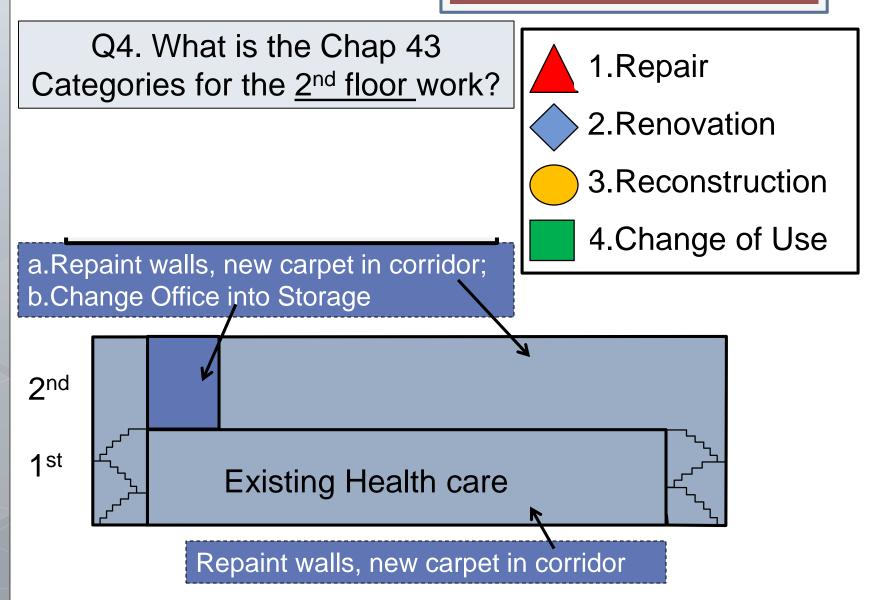
Q3. What is the Chap 43 Category for the 2nd floor work?

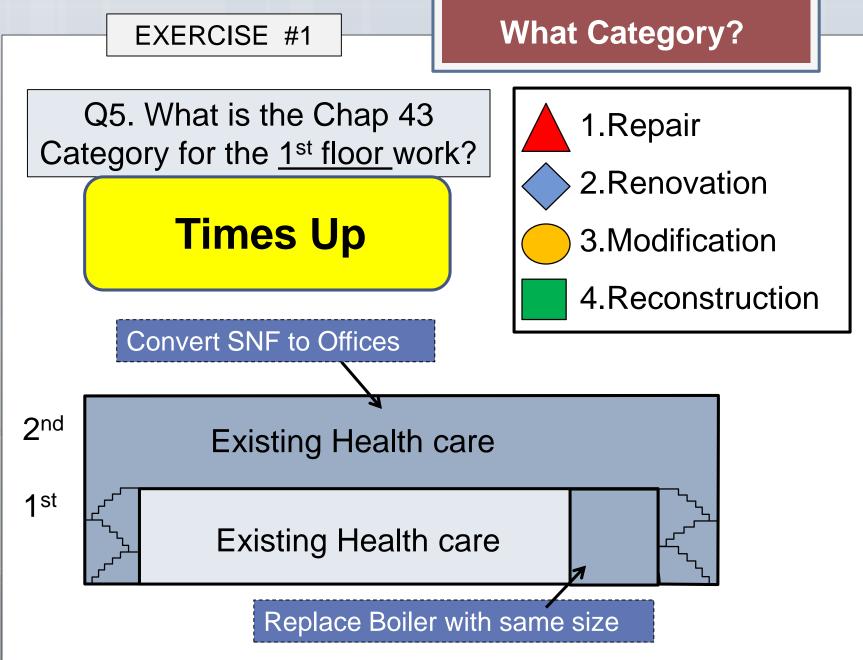




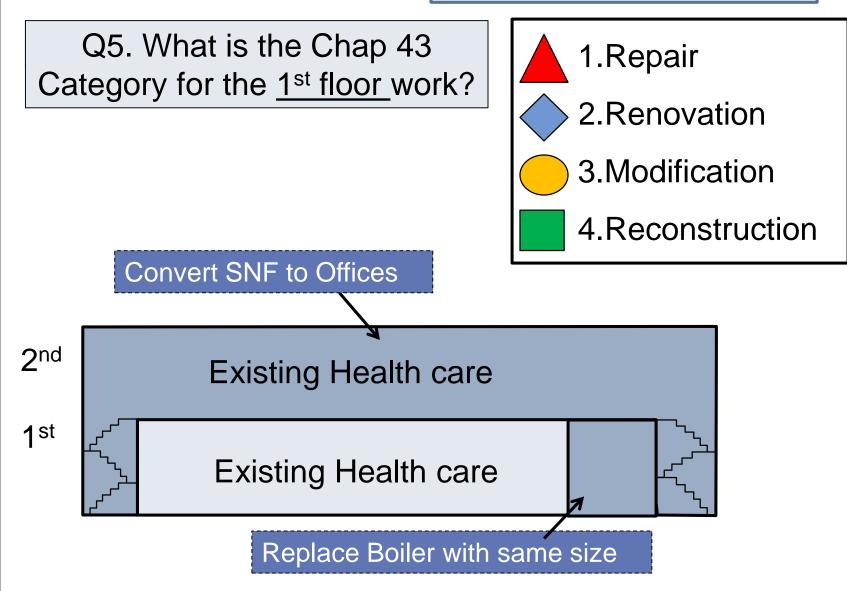


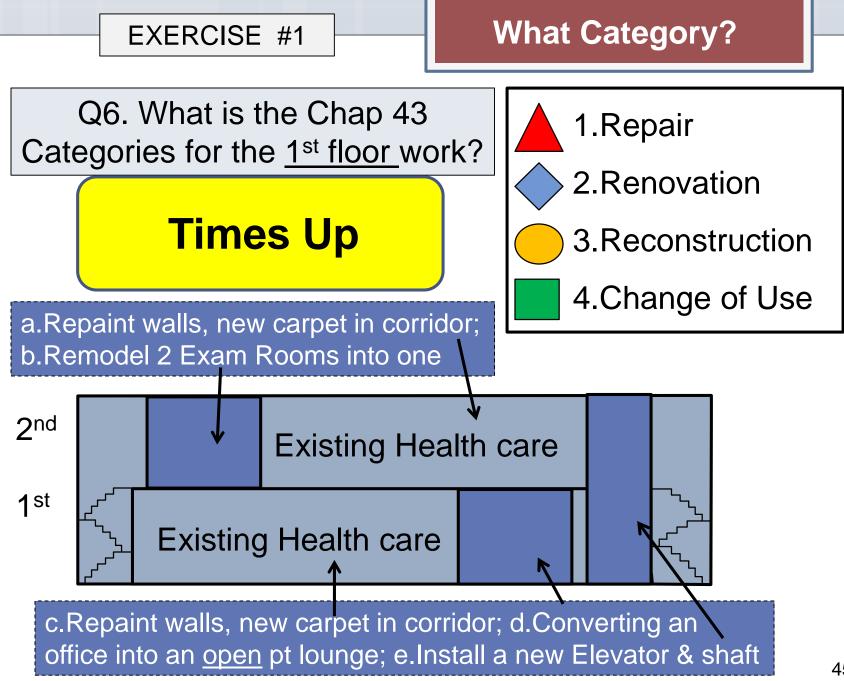


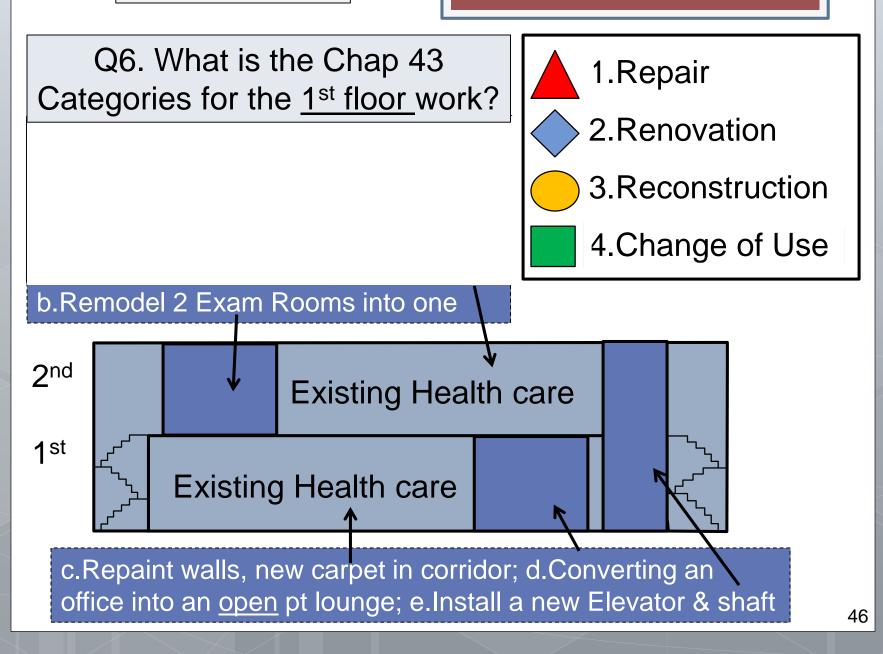


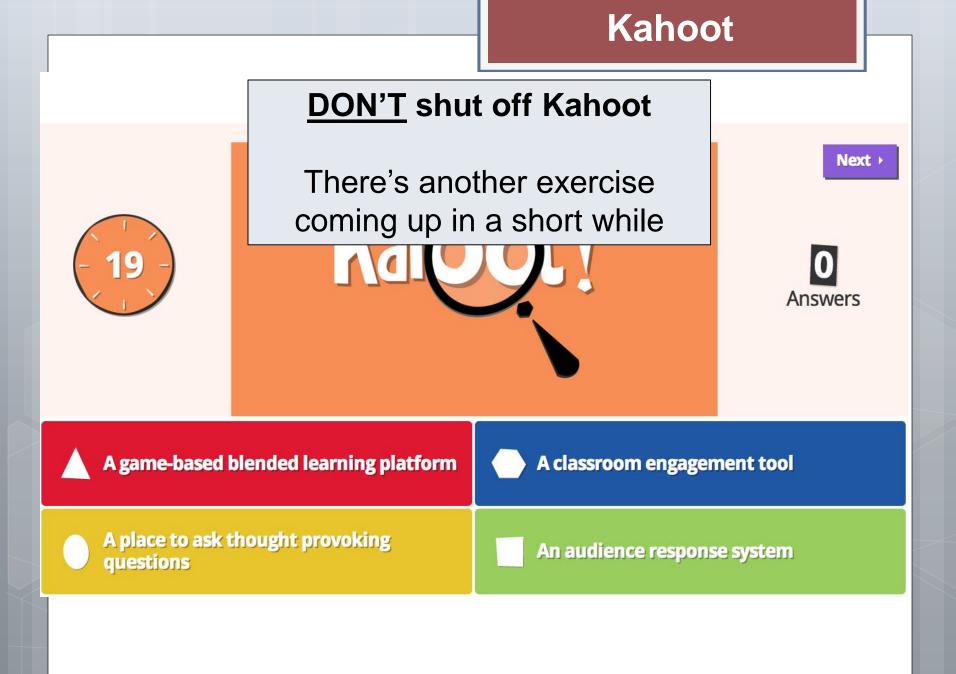


What Category?









Categories

3. Comparison: 43 & IEBC

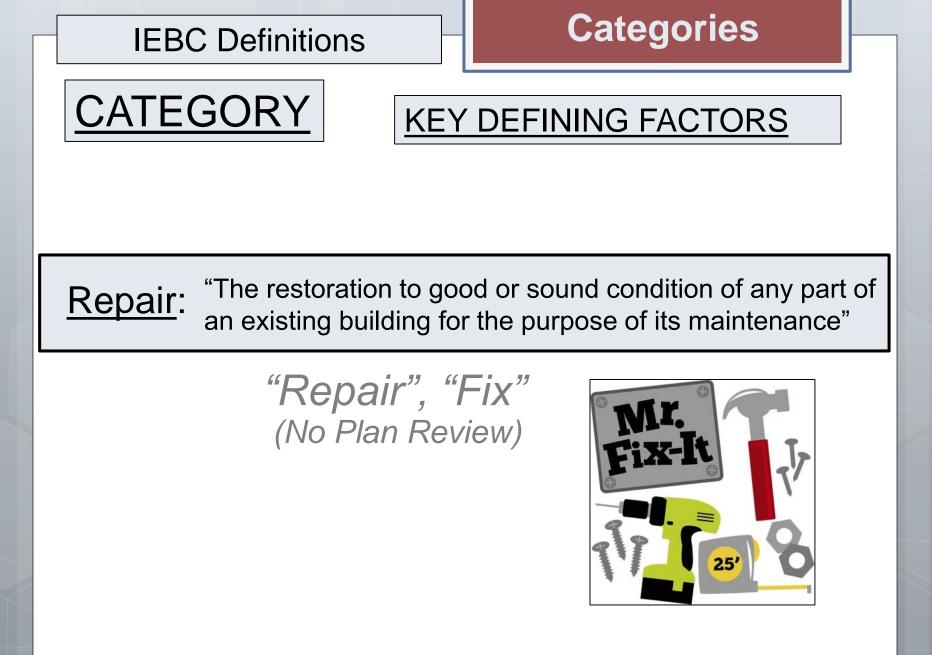


Repair
 Renovation
 Modification
 Reconstruction
 Change of Use
 Change of Occup
 Addition

DIFFERENT Categories than IEBC



- Repair
- Alteration-Level 1
- Alteration-Level 2
- Alteration-Level 3
- Change of Occup
- Addition



IEBC Definitions

Categories

KEY DEFINING FACTORS

Alteration:

CATEGORY

"Any construction or renovation to an existing structure other than a repair or addition"

Alteration-Level 1:

"Includes removal & <u>replacement</u> or covering of existing materials using new materials that serve the same purpose"

Alteration-Level 2: "Includes <u>reconfiguration</u> of space, addition or elimination of <u>doors or windows</u>, or <u>extension</u> of any sys or added equipment"

Alteration-Level 3:

Space reconfiguration that affects > 50% of the aggregate area of the building

IEBC Definitions

CATEGORY

Categories

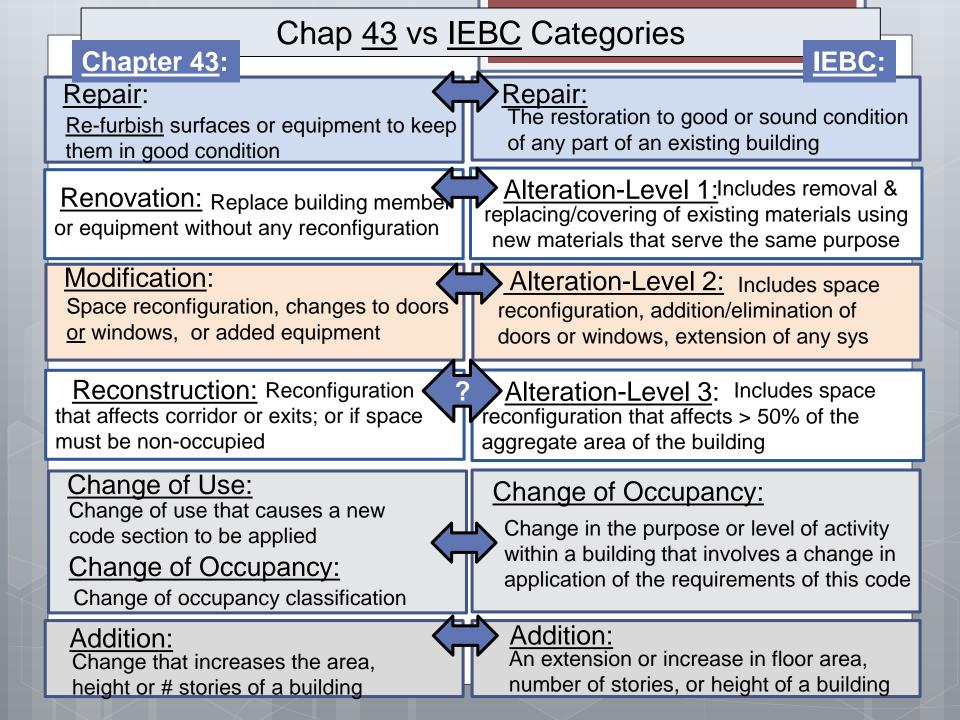
KEY DEFINING FACTORS

<u>Change of</u> <u>Occupancy</u>:

"Change in the purpose or level of activity within a building that involves a change in <u>application of the requirements</u> of this code"

Addition:

"An extension or <u>increase</u> in floor area, number of stories, or height of a building or structure"



4. Requirements of Categories

Changes made to existing buildings MUST Meet 2012 Chapter 43 <u>REHAB REQUIREMENTS</u>

Category		Section	2012 Edition		
	1.Repair	43.3	NFPA LIFE		
	2.Renovation	43.4	LUI SAFETY		
	3.Modification	43.5			
	4.Reconstruction	43.6			
	5.Change Of Use	43.7			
	6.Change Of Occupancy	43.7			
	7.Addition	43.8	E2		
			53		



<u>1."Repair"</u>: Re-furbish surfaces or equipment to keep before in: 43.2.2.1.1 them in good condition

LSC, §43.3 CODE REQUIREMENTS (2)

- 1. Cannot make less conforming than existing
- 2. Use original or like-materials



<u>2."Renovation"</u>: Replace building member or equipment without any space reconfiguration

LSC, §43.4 CODE REQUIREMENTS (6)

- 1. <u>New work must comply with Existing</u> occupancy
- 2. Cannot make less conforming (43.4.1.4)
- 3. Minor reductions in door clear width permitted (43.4.1.5)
- 4. AHJ can set occupancy loads for existing MoE (43.4.2)
- 5. <u>New finishes must comply with New occupancy (43.4.3)</u>
- 6. <u>New equipment must comply with 43.5</u> ("Modification")(43.4.4)



<u>3."Modification"</u>: Any space reconfiguration or added equipment

LSC, §43.5 CODE REQUIREMENTS (5)

- 1. Work must follow "Renovation", plus the following (43.5.1.1)
- 2. <u>New</u> work must comply with <u>New</u> chap (43.5.1.3)
- 3. <u>If "Modification</u>" >90% of work & "Reconstr" is <10%, apply respective requirements separately
- 4. <u>If Extensive #1</u>: If work is in entire bldg or occupancy (unless only MEP or structural), must follow "Reconstruction" (43.5.2.1)
- 5. <u>If Extensive #2</u>: If work > 50% of bldg (unless only MEP or structural), must follow "Reconstruction" (43.5.2.3)



4.Reconstruction:

Defined in: 43.2.2.1.4

Any space <u>reconfiguration</u> or added equipment if space must be <u>non-occupied</u>

LSC, §43.6 CODE REQUIREMENTS (4)

- 1. Work must follow 43.4, 43.5 plus the following (43.6.1.1)
- 2. Applies only to "Reconstr" portion if mixed with "Modification" work (43.6.1.3)
- 3. Follow MoE constr of <u>Existing</u> chap, except per below (43.6.2.1)
 - <u>If Reconstr >50% of floor</u>: Follow MoE constr, exit, discharge, signs & lighting of New chap for entire floor (43.6.2.2.3)
 - <u>If Reconstr >50% of bldg</u>: Follow MoE constr, exit, discharge, signs & lighting of New chap (43.6.2.2.3)
 - <u>Tenant spaces</u> outside "Reconstr" follow Existing chap (43.6.2.2.4)
- 4. Reconstr in small B&C must have fire/smoke barriers (43.6.3)



4.Reconstruction: Any space reconfiguration or added equipment if space must be non-occupied

Defined in: 43.2.2.1.4

LSC. §43.6 CODE REQUIREMENTS (10)

- 5. <u>If Reconstr >50% of bldg</u>, must sprinkle highest "Reconstr" floor & all below (43.6.4.1)
- 6. <u>If Reconstr >50% of floor</u>, must sprinkle floor (43.6.4.1)
- 7. Must have <u>standpipes</u> on highest "Reconstr" floor& all below if required by New chap (43.6.4.4)
- 8. <u>Fire pump not required if highest standpipe in fully spkled bldg</u> can accept 250 gpm @ 65 psi or 500 gpm in non-spkled(43.6.4.6)
- 9. Provide smoke alarms in guest rms per New chap(43.6.5.1)
- 10. <u>If a hi-rise & "Reconstr</u>" an entire floor or >20% of bldg, must have at least one elevator

<u>CATEGORY</u>

KEY DEFINING FACTORS

5.Change of Use: Change of use or purpose (not occupancy)

Defined in: 43.2.2.15

that causes a new code section to be applied

LSC, §43.7.1 CODE REQUIREMENTS (4)

- 1. Work must follow 43.3, 43.4, 43.5, & 43.6, <u>as applicable</u> (43.7.1.3)
- 2. Follow <u>Existing</u> chap of the <u>new</u> use, unless it creates a hazardous space (43.7.1.1)
- 3. If change <u>creates a Haz space</u>, follow <u>New</u> chap of new use except per below (43.7.1.2)
- 4. If change creates a Haz space < 250 SF in an existing fully sprinkled <u>Health Care</u>, follow 19.3.2.1 (43.7.1.2)



6.Change of Occupancy: Change of occupancy class

Defined in: 43.2.2.16

LSC, §43.7.2 CODE REQUIREMENTS (3)

If change creates a <u>new Hazardous</u> space:

- 1. If <u>less Haz</u> (except in a new Assembly occup), follow <u>Existing</u> chap of new use & install MEP if required by New chap(43.7.2.1)
- 2. If <u>less Haz</u> in a new Assembly occup, follow 13.3.2 & install sprklr & alarms per 12.3.2 (43.7.2.2)
- 3. If more Haz, follow <u>New</u> chap of new use (43.7.2.3)

Hazard Level Category Table (43.7.3)

- 1. Highest Haz: Industrial or Storage occup with high haz contents
- 2. Moderate Haz: Health Care, Detention, Resid. Board & Care
- 3. Minimal Haz: Assembly, Educ, Day Care, Amb Health, Ordinary Storage, Residential, Mercantile, Business, Gen & Spec-Purpose Industrial
- 4. Low Haz: Low Haz Industrial or Storage



7.Addition: Defined in: 43.2.2.17

Change that increases the area, height or # stories of a building

LSC, §43.8 CODE REQUIREMENTS (7)

- 1. Existing portions must follow 43.3, 43.4, 43.5, & 43.6, <u>as applicable</u> (43.8.1.3)
- 2. Existing portions must follow Existing chap of occup (43.8.1.1(2))
- 3. <u>Existing</u> portions must be <u>sprinkled</u> if not separated from the addition as required by the New chap (48.8.3)
- 4. <u>New</u> portions must follow <u>New</u> chap of occup (43.8.1.1(1))
- 5. New portions cannot extend any non-conforming MoE element of the existing portion (43.8.1.2)
- 6. Height cannot exceed that permitted for constr type in New cap of occup (43.8.2)
- 7. Provide smoke alarms in guest rooms per New chap (43.8.4)

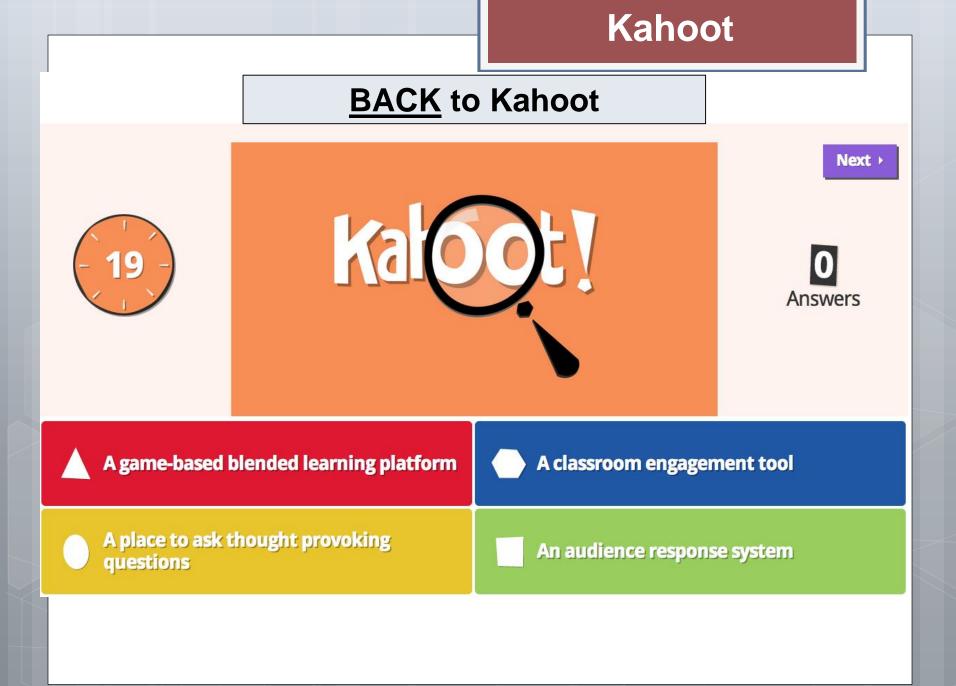
What Work?

5. Exercises-Requirements

Determine the <u>NEEDED WORK</u> in a Rehab Category

Category	Section	2012 Edition
1.Repair	43.3	NFPA LIFE
2.Renovation	43.4	101 SAFETY CODE
3.Modification	43.5	
4.Reconstruction	43.6	NEDA .
5.Change Of Use	43.7	
6.Change Of Occupancy	43.7	
7.Addition	43.8	

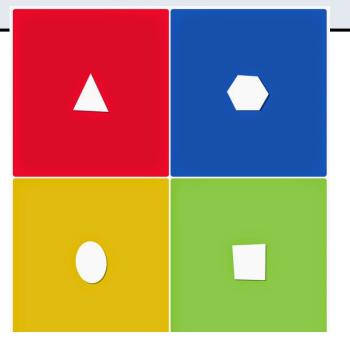
(Use the "Rehab" Slides # 25-26)

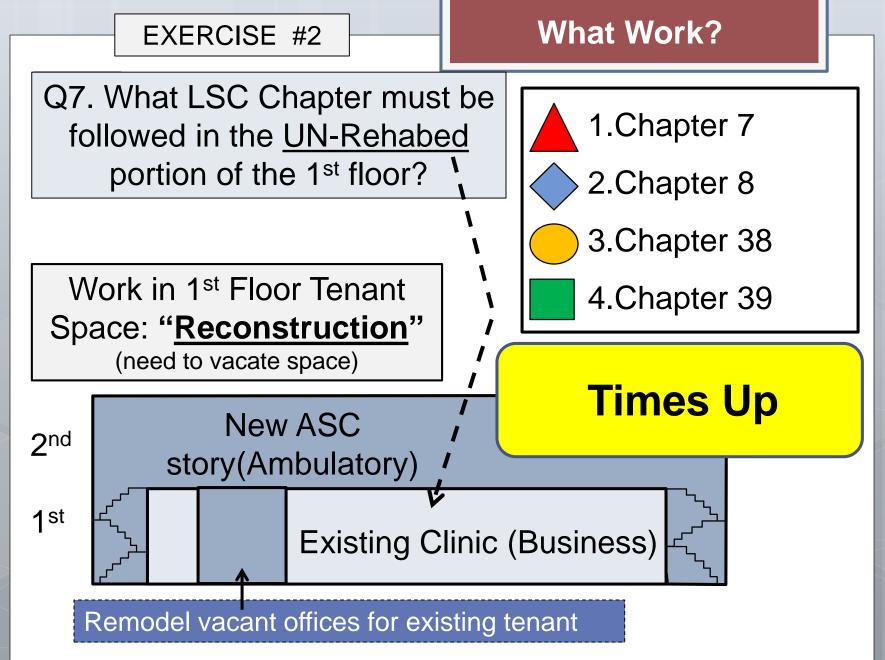


Kahoot

1. Enter this PIN #:

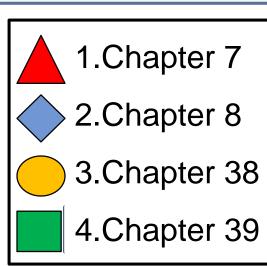
2. Make-Up a <u>Nickname</u> for your group/self





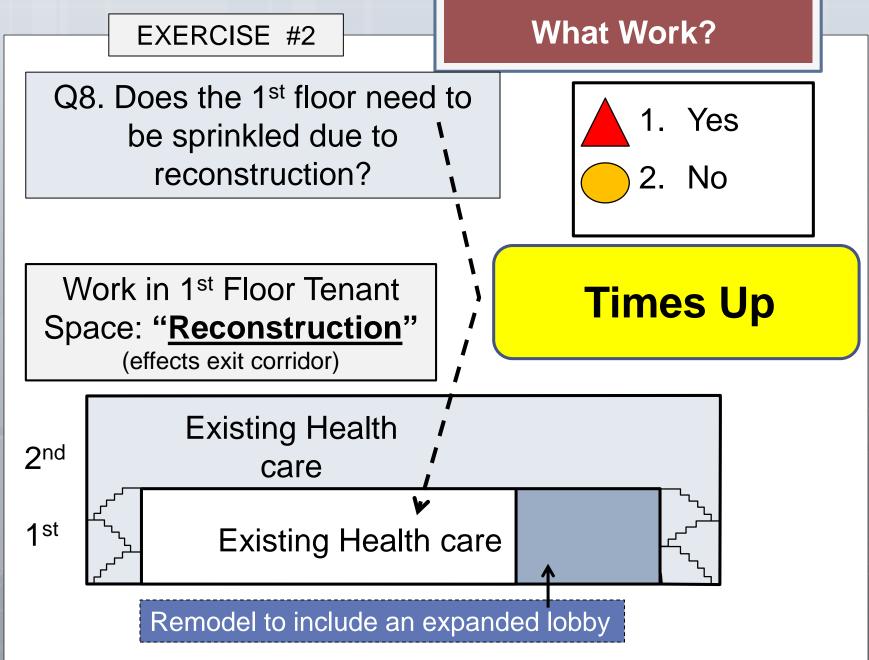
What Work?

Q7. What LSC Chapter must be followed in the <u>UN-Rehabed</u> portion of the 1st floor?



"RECONSTRUCTION" REQUIREMENTS

- 1. Work must follow 43.4, 43.5 plus the following (43.6.1.1)
- 2. Applies only to Reconstr portion if mixed with Modif (43.6.1.3)
- 3. MoE constr per Existing chap, except per below (43.6.2.1)
- 4. If Reconstr >50% of bldg: MoE constr, exit, discharge, signs & liahting per New chap (43.6.2.2.3)
- 5. Tenant spaces not in Reconstr follow Existing chap (43.6.2.2.4)
- b. Reconstr in small B&C must have tire/smoke partiers (43.6.3)
- 7. If Reconstr >50% of bldg, must sprinkle all floors (43.6.4.1)
- 8. If Reconstr >50% of floor, must sprinkle floor (43.6.4.1)



What Work?

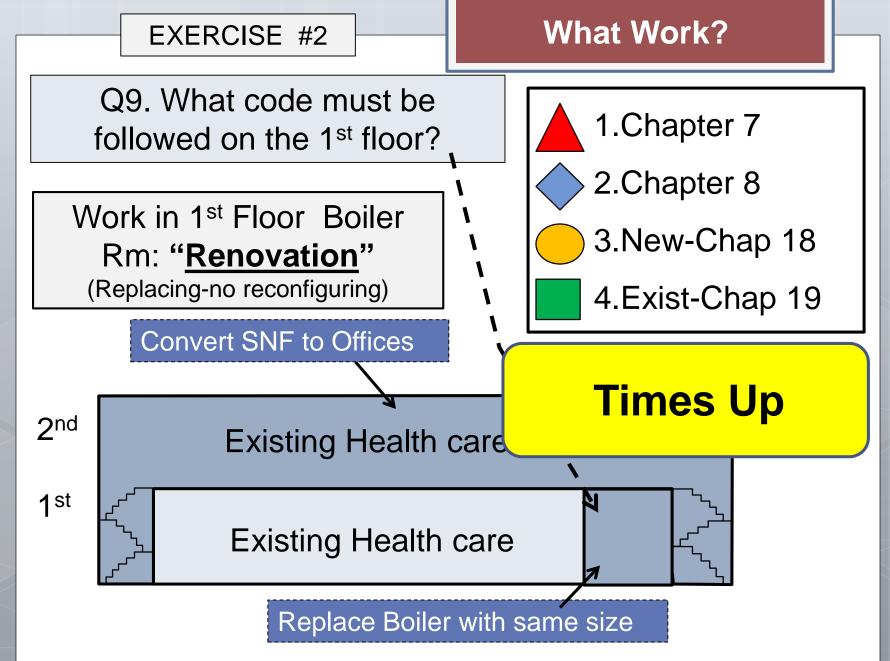
Yes

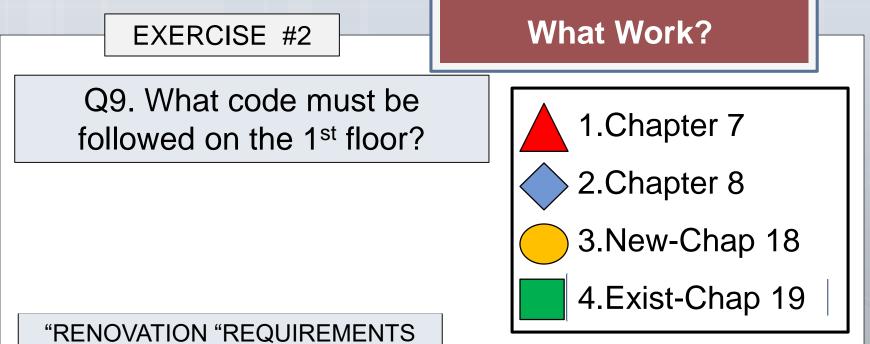
No

Q8. Does the 1st floor need to be sprinkled due to reconstruction?

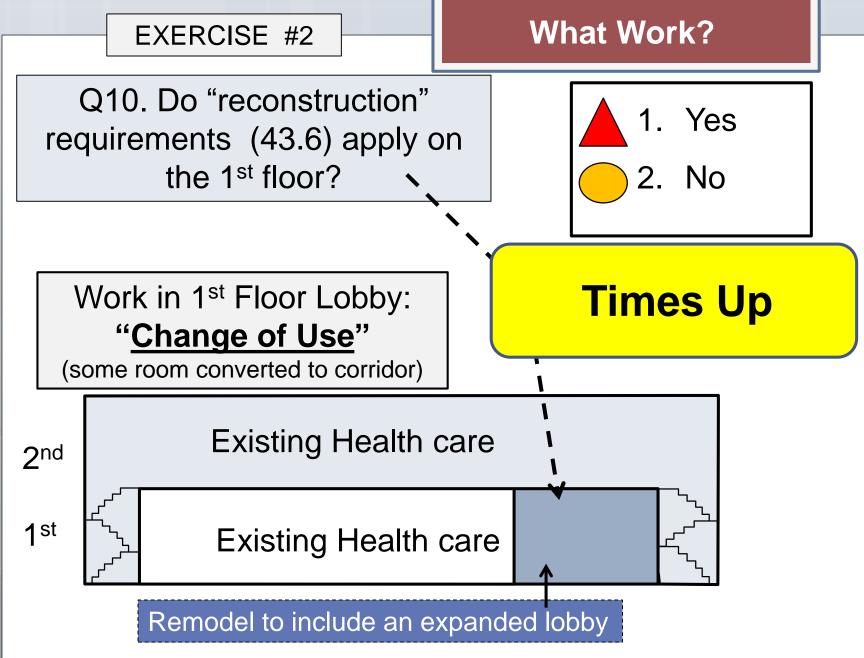
"RECONSTRUCTION" REQUIREMENTS

- 1. Work must follow 43.4, 43.5 plus the following (43.6.1.1)
- 2. Applies only to Reconstr portion if mixed with Modif (43.6.1.3)
- 3. MoE constr per Existing chap, except per below (43.6.2.1)
- 4. If Reconstr >50% of bldg: MoE constr, exit, discharge, signs & lighting per New chap (43.6.2.2.3)
- 5. Tenent spaces not in Reconstr per Existing chap (43.6.2.2.4)
- 6. Reconstr in small B&C must have fire/smoke barriers (43.6.3)
- 7. If Reconstr >50% of blda. must sprinkle all floors (43.6.4.1)
- 8. If Reconstr >50% of floor, must sprinkle floor (43.6.4.1)



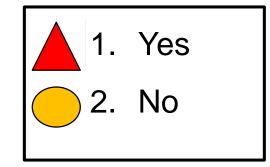


- I. Work comply with existing chapter of code
- 2. Cannot make environment less conforming
- 3. Minor reductions in clear width of doors are permitted
- 4. AHJ can reduce occupancy load calc of existing MoE
- 5. New finishes must comply with new chapter of code
- 6. Added equipment or extensions of sys must comply as a modification



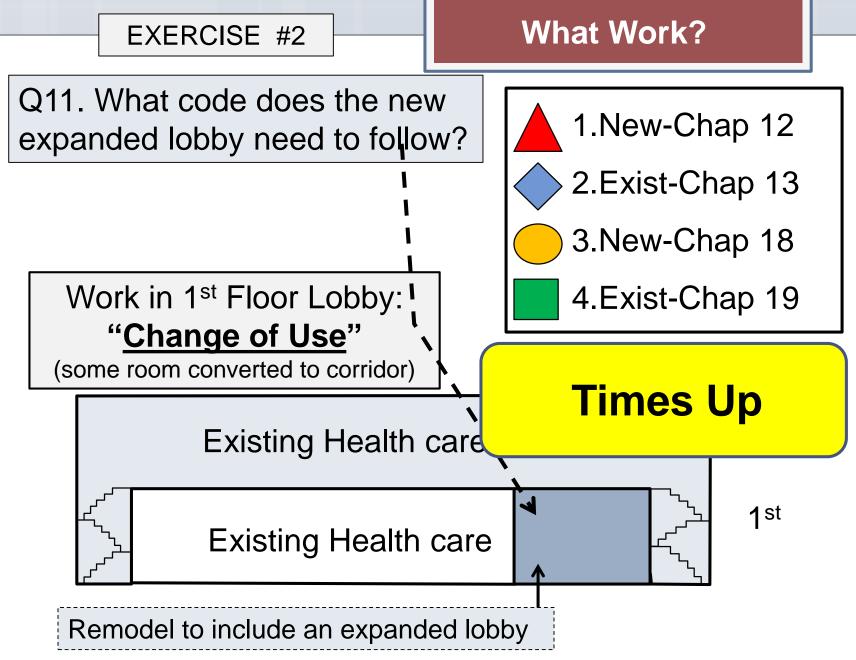
What Work?

Q10. Do "reconstruction" requirements (43.6) apply on the 1st floor?



"CHANGE OF USE" REQUIREMENTS

- 1. Work must comply with 43.3, 43.4, 43.5, 43.6, as applicable
- 2. Follow the existing chapter of the new use, unless it creates a hazardous space
- 3. If the change creates a hazardous space, follow the new chapter requirements of the new use, except below:
- 4. If changes creates a hazardous space <250 SF in an existing fully sprinkled health care, follow 19.3.2.1



What Work?

Q11. What code does the new expanded lobby need to follow?

1.New-Chap 12
2.Exist-Chap 13
3.New-Chap 18
4.Exist-Chap 19

"CHANGE OF USE" REQUIREMENTS

- 1. Work must comply with 43.3, 43.4, 43.5, 43.6, as applicable
- 2. Follow the existing chapter of the new use, unless it creates a hazardous space
- 3. If the change creates a hazardous space, follow the new chapter requirements of the new use, except below:
- 4. If changes creates a hazardous space <250 SF in an existing fully sprinkled health care, follow 19.3.2.1

Times Up

We'd like <u>YOUR opinion</u> on using Kahoot (since we can't hear or see you)

Results:

Don't use at all

Use only a little; Too much was used

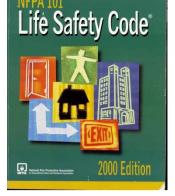
Used just the right amount

Can <u>use more</u>; Stimulates discussion & understanding; like feedback on "wrong" answers

Categories

7. Plan Submittals





Wisconsin still has NOT adopted the 2012 LSC for plan review purposes & the 2000 LSC doesn't contain Chapter 43

Therefore, Chapter 43 has no current authority in Wis and ONLY the IEBC rules apply



WAIVER TO REVIEW PLANS UNDER 2012 LSC

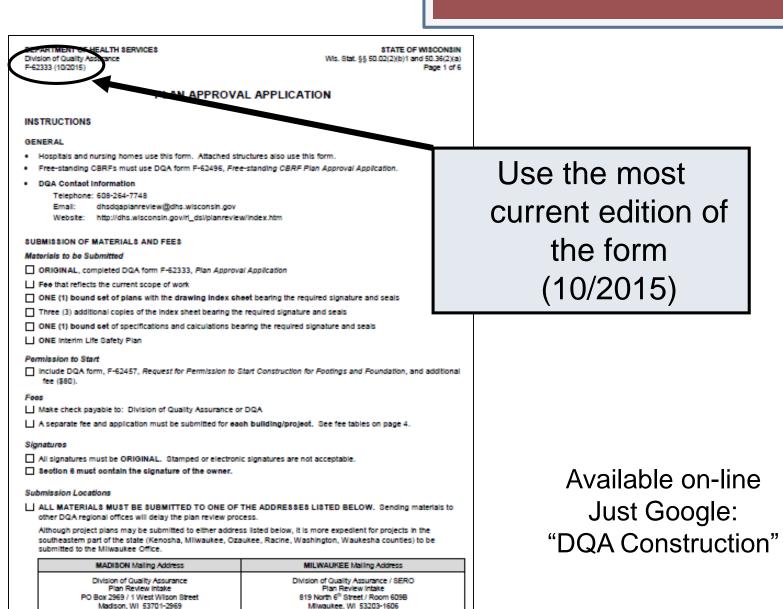
Until Wis adopts the 2012 LSC a waiver may be granted to have contract documents reviewed under the 2012 LSC.

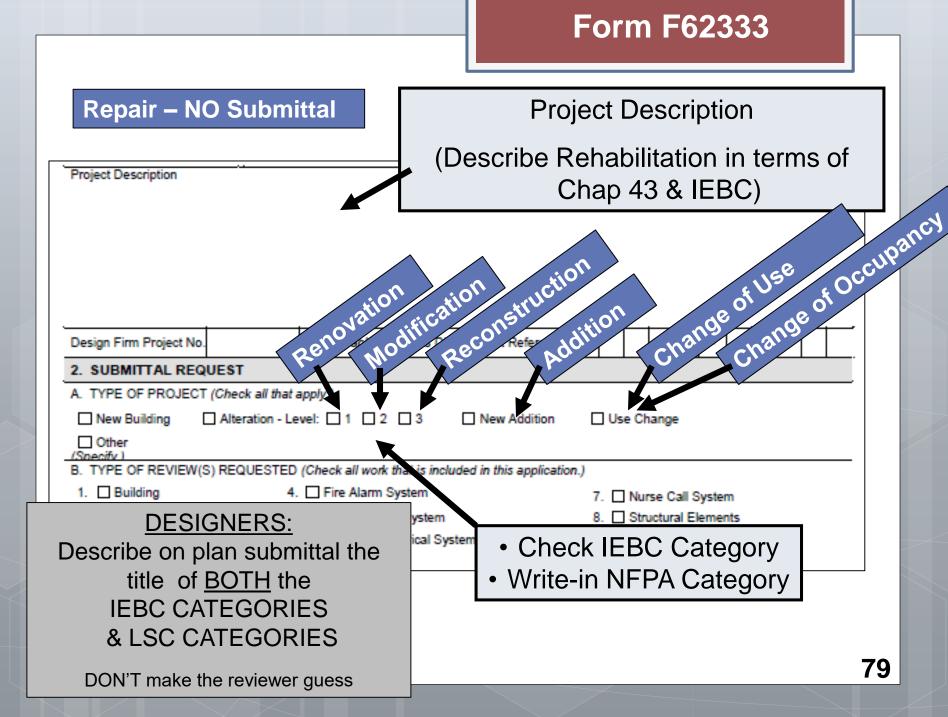
Facility may submit the request for a waiver to <u>DHSWebmailDQA@dhs.wisconsin.gov(link sends e-mail)</u>

Include the following:

- The rule from which the waiver is requested (DHS 124.28; DHS 132.82)
- The reason for the request
- Justification that the waiver will not adversely affect the health, safety or welfare of any patient or resident

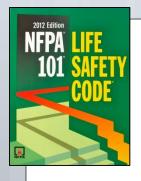
Form F62333





	Form F62333				
NFPA 101° Life Safety Code°	A NOTION OF THE ANDMARCHINE ROOM PARTY				
When "Rehabilitating"					
It's YOUR Choice which to use					
Network The Protocoline Association ZUUU EDITION	S Project Reference No.				
A. TYPE OF PROJECT (Check all that apply.) New Building Alteration - Level: 1 2 3 Other (Specify.)	New Addition Use Change				
B. TYPE OF REVIEW(S) REQUESTED (Check all work that is included in this application.)					
1. Building 4. Fire Alarm System	7. Nurse Call System				
2. HVAC 5. Fire Sprinkler System	8. Structural Elements				
3. Lighting 6. Essential Electrical Sys	tem 9. Footing and Foundation				
10. Other (Specify.) But FOLLOW	one of them !				

LSC Chapter 43



Building Rehabilitation

Healthcare Survey

- 1. Chapter 43 Overview
- 2. Rehabilitation Categories
- 3. Exercises Categories
- 4. Comparison: LSC 43 & IEBC
- 5. Requirements of Categories
- 6. Exercises Requirements
- 7. Plan Submittals