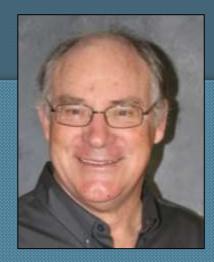
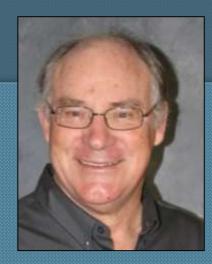


Welcome to the WHEA's Lunch & Learn Nov 2019

Presented by Lauzon Life Safety Consulting What Regulators Expect with Fire Drills & Fire Plans





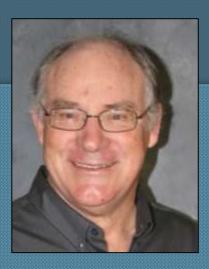


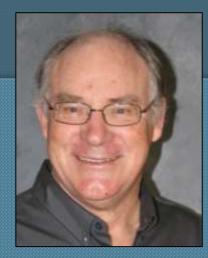


<u>1973-2006 (</u>33 yrs) "Facility Engineer" Tomah – Fargo- Madison Kenosha - Racine

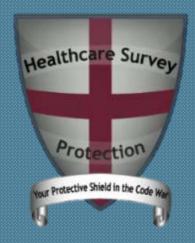








2011-present Lauzon Life Safety Consulting





Presented by

Lauzon Life Safety Consulting

What Regulators Expect with Fire Drills & Fire Plans

Agenda

1. Fire Drills

- Codes
- Documents
- 2. Fire Plans
 - Codes
 - Documents
- 3. Fire Training
 - Codes
 - Documents





What Regulators Expect with Fire Drills & Fire Plans



Lauzon Life Safety Consulting

Ask Questions any time via the Chat Feature





Part 1 - Fire Drills

Requirements of two AHJs



Based on:



•	-	
STANDARD - EPs	Document / Requirement	Frequency
EC.02.03.03	Fire Drills	
EP 1	Fire drills once per shift per quarter in health care occupancies; Quarterly in each building defined as ambulatory health care occupancy (If available, please provide five quarters of fire drill data)	Quarterly
EP 2	Fire drills every 12 months from date of last drill: Business Occupancies	Annually
EP 3	 When quarterly fire drills are required, ALL are unannounced Drills held at unexpected times and under varying conditions – greater than one hour apart Drills include transmission of fire alarm signal and simulation of emergency fire conditions 	Quarterly (See fire drill matrix)
	Staff participate in the drills according to the hospital's fire	YES
EP 4	response plan	
EP 5	Critiques include fire safety equipment and building	YES
	features, and staff response	



EC.02.03.03

(Same as CMS, but fewer)

		••••••
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	Staff participate in the drills	YES
EP 4	according to the hospital's fire response plan	
EP 5	Critiques include fire safety equipment and building	YES
	features, and staff response	



EC.02.03.03

EP 1: 1/Qtr/Shift
EP 2: Annual in Business
EP 3: Unannounced, > 1 hr apart, w/ Transmission
EP 4: Staff Participation
EP 5: Drill Critiqued

(Same as CMS, but fewer)

STANDARD - EPs	Document / Requirement	
LS.01.02.01	Interim Life Safety Measures (ILSM)	
	ILSM policy identifying when and to what extent	
EP 1	ILSM implemented	
EP 2	Alarms out of service 4 or more hours in 24	
	hours or sprinklers out of service more than 10 hours in 24 hours in an occupied building - Fire	
	watch / Fire Dept. notification	
EP 3	Signs for alternate exits posted	
EP 4	Daily inspection of routes of egress (See also	
	19.7.9.2 RE: daily inspections)	
EP 5	Temporary but equivalent systems while system is impaired	
EP 6	Additional firefighting equipment provided	
EP 7	Smoke tight non-combustible temporary barriers	
EP 8	Increased surveillance implemented	
EP 9	Storage and debris removal	
EP 11	Additional fire drill per shift per quarter	
	Tomperant systems tested and inspected	
	monthly	
EP 13	Additional training on building deficiencies, construction hazards, temp measures	
	Training for impaired structural or impaired	
EP 14	compartment fire safety features	
EP 15	Other ILSM's	



LS.01.02.01 EP 11

ILSM

(Not a CMS requirement)

STANDARD - EPs	Document / Requirement	
LS.01.02.01	Interim Life Safety Measures (ILSM)	The Joint Commission
EP 1	ILSM policy identifying when and to what extent ILSM implemented	
EP 2	Alarms out of service 4 or more hours in 24 hours or sprinklers out of service more than 10 hours in 24 hours in an occupied building - Fire watch / Fire Dept. notification	LS.01.02.01
EP 3	Signs for alternate exits posted	EP 11
EP 4	Daily inspection of routes of egress (See also 19.7.9.2 RE: daily inspections)	
EP 5	Temporary but e is impaired	Additional fire drill per shift per quarter
EP 6	Additional firefigi	Additional fire and per onit per quarter
EP 7	Smoke tight non	
EP 8	Increased surveillance implemented	
EPg	Storage and debris removal	
EP 11	Additional fire drill per shift per quarter	ILSM
	Temperature outcome tested and inspected	
EP 13	Monthly Additional training on building deficiencies, construction hazards, temp measures	
EP 14	Training for impaired structural or impaired compartment fire safety features	(Not a CMS requirement)
EP 15	Other ILSM's	

Part 1 - Fire Drills

Requirements of two AHJs







CMS Tag K712 (2786 form)

A summary of NFPA 101 requirements



CMS Tag K712 (2786 form)

A summary of NFPA 101 requirements

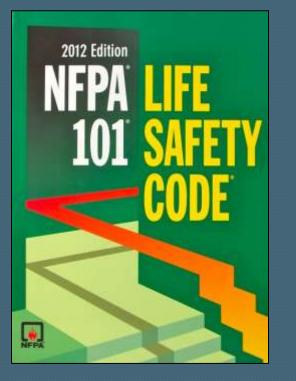
Fire drills include the transmission of a fire alarm signal and simulation of emergency fire conditions. Fire drills are held at unexpected times under varying conditions, at least quarterly on each shift. The staff is familiar with procedures and is aware that drills are part of established routine. 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.

18.7.1.4 through 18.7.1.7, 19.7.1.4 through 19.7.1.7

Based on NFPA 101. Will cover in detail in next section

Fire Drill Codes

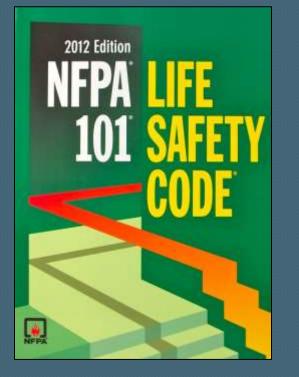




<u>Code Requirements</u> For Fire Drills are found in 2 Locations

Fire Drill Codes





<u>Code Requirements</u> For Fire Drills are found in 2 Locations

1. Core Codes

– Chapter 4

2. Occupancy Chapters – Chapter 12-42

<u>CODE RULE</u>: ALWAYS <u>START</u> WITH THE <u>OCCUPANCY</u> CHAPTER



<u>CODE RULE</u>: ALWAYS <u>START</u> WITH THE <u>OCCUPANCY</u> CHAPTER

LSC 4.7 applies ONLY if directed by the occupancy chapter, x.7.x

3 Situations

Follow Occupancy Chapter, x.7.x

1. Follow 4.7 Requirements

- Assembly (12/13)
- Education (14/15)
- Day Care (15/16)
- Hotels & Dorms (28/29)
- Mercantile (36/37)
- Business-Hi-Rise (38-39)

Follow Occupancy Chapter, x.7.x <u>**2**. No Requirements</u>

1. Follow 4.7 Requirements

- Assembly (12/13)
- Education (14/15)
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- Hotels & Dorms (28/29)
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- Business-Hi-Rise (38-39)

- 1 & 2 Family (24)
- Lodging/Rooming(26)
- Industrial (40)
- Storage (42)

Follow Occupancy Chapter, x.7.x <hr/> <hr/

1. Follow 4.7 Requirements

- Assembly (12/13)
- Education (14/15)
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• 1 & 2 Family (24)

- Lodging/Rooming(26)
- Industrial (40)
- Storage (42)

3. Follow Chapter Requirements

- Health Care (18/19)
- Ambulatory (20/21)
- Detention (23/24)
- Apartments (30/31)
- Board & Care (32/33)

Follow Occupancy Chapter, x.7.x <u>**2**. No Requirements</u>

1. Follow 4.7 Requirements

- Assembly (12/13)
- Education (14/15)
- Day Care (15/16)
- Hotels & Dorms (28/29)
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Ignore 4.7

• 1 & 2 Family (24)

- Lodging/Rooming(26)
- Industrial (40)
- Storage (42)

V. Follow Chapter Requirements

- Health Care (18/19)
- Ambulatory (20/21)
- Detention (23/24)
- Apartments (30/31)
- Board & Care (32/33)

FIRE DRILLS records are checked During **<u>every</u>** Health Care inspection

DON'T MISS ANY !



Fire Drill & Plan cites are consistently in the TOP 10!

<u>18/19.7.1.4</u> – <u>FIRE DRILLS.</u> Shall include: *Simulation of emergency fire condition*



Same Requirements in both New & Existing

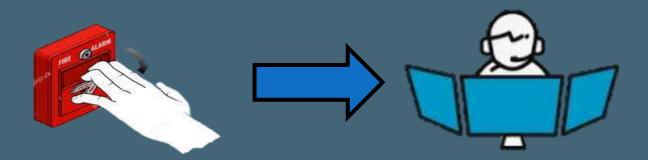
<u>18/19.7.1.4</u> – <u>FIRE DRILLS.</u> Shall include: *Simulation of emergency fire condition*



Same Requirements in both New & Existing

<u>18/19.7.1.4</u> – <u>FIRE DRILLS.</u> Shall include: *Transmission of a fire alarm signal*

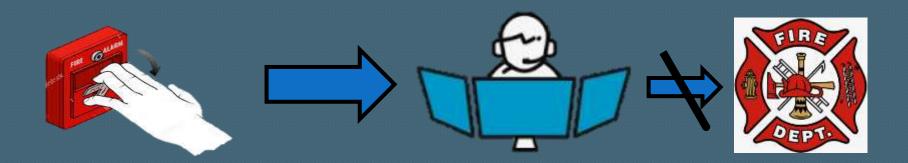
Same Requirements in both New & Existing



Transmit to Monitoring Station (not Fire Dept)

<u>18/19.7.1.4</u> – <u>FIRE DRILLS.</u> Shall include: *Transmission of a fire alarm signal*

Same Requirements in both New & Existing



Transmit to Monitoring Station (not Fire Dept)

18/19.7.1.5 – <u>FIRE DRILLS.</u>

Infirm or bedridden patients shall not be required to be moved during drills to safe areas or to the exterior of the building



Same Requirements in both New & Existing

18/19.7.1.5 – <u>FIRE DRILLS.</u>

Infirm or bedridden patients shall not be required to be moved during drills to safe areas or to the exterior of the building



Same Requirements in both New & Existing

18/19.7.1.6 – <u>FIRE DRILLS</u> - Purpose is ... *To familiarize staff with signals and emergency actions*



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18/19.7.1.6 – <u>FIRE DRILLS</u> - Purpose is ... *To familiarize staff with signals and emergency actions*



Code expects staff to respond automatically on all shifts & at all locations



18/19.7.1.6 – <u>FIRE DRILLS.</u> Conducted quarterly on each shift



18/19.7.1.6 – <u>FIRE DRILLS.</u> Conducted quarterly on each shift



18/19.7.1.6 – <u>FIRE DRILLS.</u> *Conduct Under "Varied Conditions"*

Lack of Uniform Definition of "VARIED"

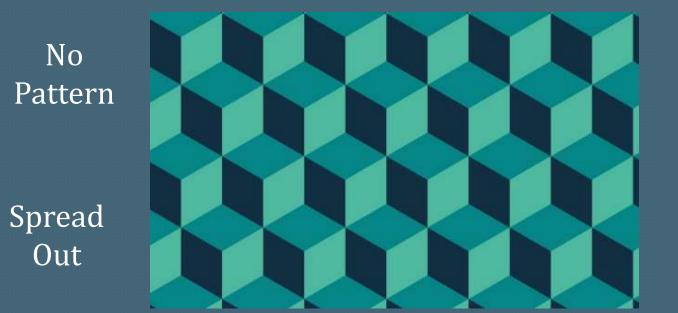
Lack of Uniform Definition of "VARIED"



Not

Predictable

Lack of Uniform Definition of "VARIED"



Not Predictable

Different

- Days
- Times
- Locations

Conduct Under "Varied Conditions"

WHEN are drills conducted? Patterns are easy to spot by inspectors

WHEN?

- Month
- Week
- Day
- TIme

Conduct Under "Varied Conditions"

WHEN are drills conducted? Patterns are easy to spot by inspectors

MONTH PATTERN to avoid

- 1^{st} shift $\rightarrow 1^{st}$ month
- 2^{nd} shift $\rightarrow 2^{nd}$ month
- 3^{rd} shift $\rightarrow 3^{rd}$ month

Conduct Under "Varied Conditions"

WHEN are drills conducted? Patterns are easy to spot by inspectors

WEEK PATTERN to avoid

- Always first or last week of month
- Always first or last week of quarter

Conduct Under "Varied Conditions"

WHEN are drills conducted? Patterns are easy to spot by inspectors

DAY PATTERN to avoid

- Frequently on 1st or last week of month
- Frequently on 1st or last week of quarter
- Frequently on same day of month
- Frequently on same day of week
- Multiple drills on same day

Conduct Under "Varied Conditions"

WHEN are drills conducted? Patterns are easy to spot by inspectors

HOUR PATTERN to avoid

• Within 1 hr of any drill during past 12 months*

Conduct Under "Varied Conditions"

WHEN are drills conducted? Patterns are easy to spot by inspectors

HOUR PATTERN to avoid

• Within 1 hr of any drill during past 12 months*

*2 within an hr of each other is normally accepted, BUT a 3rd drill within an 1 hr of any drill will get cited

Conduct Under "Varied Conditions"

WHEN are drills conducted? Patterns are easy to spot by inspectors

HOUR PATTERN to avoid

• Within 1 hr of any drill during past 12 months*

*2 within an hr of each other is normally accepted, BUT a 3rd drill within an 1 hr of any drill will get cited



EC.02.03.03, EP 3 – puts it in writing

18/This is a common senseImage: sense of the sens

onditions"

nducted? by inspectors

HOUR PATTERN to avoid

• Within 1 hr of any drill during past 12 months*

*2 within an hr of each other is normally accepted, BUT a 3^{rd} drill within an 1 hr of any drill will get cited



EC.02.03.03, EP 3 – (2 not permitted)



This is a common sense allowance by DHS, agreeing there will be repeats in random events

HOUR PATTERN to avoid

Just like throwing dice

Within 1 hr of any drill during past 12 months*

*2 within an hr of each other is normally accepted, BUT a 3^{rd} drill within an 1 hr of any drill will get cited



18/

EC.02.03.03, EP 3 – (2 not permitted)

Conduct Under "Varied Conditions"

WHEN are drills conducted? Patterns are easy to spot by inspectors

More HOUR PATTERNS to avoid

- Same sequence of times during day
- Must spread out any "extra" drills (ILSM, etc)
- If use a false alarm, must schedule to compensate



<u>Typically many work shifts</u> (especially nursing)

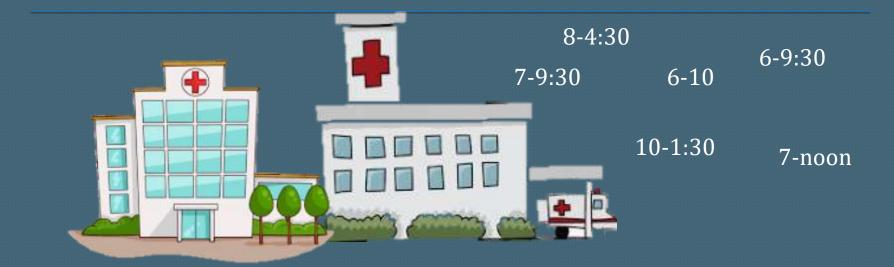


<u>Typically many work shifts</u> (especially nursing)



Code wants ALL persons to experience an annual drill

<u>Typically many work shifts</u> (especially nursing)



Code wants ALL persons to experience an annual drill

Drills MUST be spread out so more people are "trained"

HOW are drills conducted?

HOW are drills conducted?

- Same 'ol drill every month?
- Sometimes a smoke detector alarm?
- Sometimes a simulated casualty?
- Sometimes a simulated sprinkler?

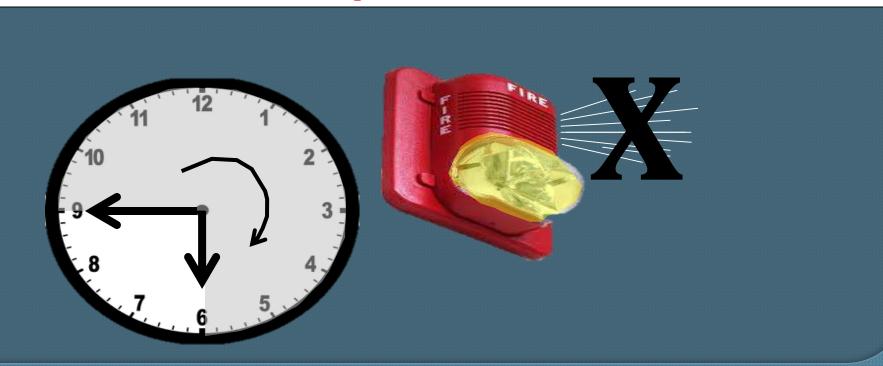
Use your imagination; "Spice" it up; Add variety

WHERE are drills conducted?

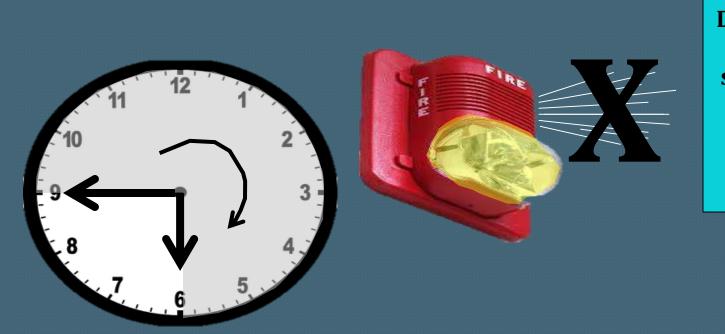
- Are they often in the same place?
- Consider where fires are more potential
- Sometimes a kitchen fire?
- Sometimes a laundry fire?
- Don't always conduct where people are located

WHERE are drills conducted?

18/19.7.1.7 – PM <u>FIRE DRILLS.</u> If conducted between 9 pm and 6 am, a coded announcement *shall be <u>permitted</u>* instead of audible alarms

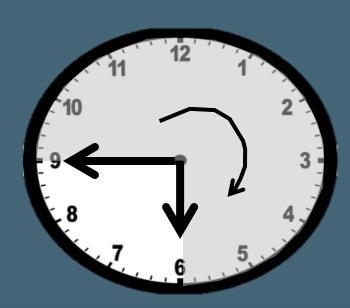


18/19.7.1.7 – PM <u>FIRE DRILLS.</u> If conducted between 9 pm and 6 am, a coded announcement *shall be <u>permitted</u>* instead of audible alarms



Drills can be silent BUT still need to Operate <u>Visuals</u> & <u>Transmit</u> Alarm

18/19.7.1.7 – PM <u>FIRE DRILLS.</u> If conducted between 9 pm and 6 am, a coded announcement *shall be <u>permitted</u>* instead of audible alarms





Drills can be silent BUT still need to Operate <u>Visuals</u> & <u>Transmit</u> Alarm

(You must have a FA system that is capable of turning off audibles)

FIRE DRILLS records are checked During **<u>every</u>** Health Care inspection

DON'T MISS ANY !



Follow the <u>precise</u> requirements Fire Drill Documents

The drill is meant to test & train the staff:

(not maintenance)

On how to activate the fire alarm
On how to respond to alarms

Fire Drill Documents

The drill is meant to test & train the staff:

(not maintenance)

On how to activate the fire alarm
On how to respond to alarms

Fire Drill Checklist

Specific Requirements

- 1. 1/Shift/Quarter
- 2. Varied Days (max 2 within a day of each other)
- 3. Varied Times (max 2 within an hr of each other)
- 4. Varied Locations (none in same smoke compart)
- 5. Staff/auto activate alarm
- 6. Include Transmission of Alarm
- 7. Include Back Up Call to FD or Monitoring
- 8. Documented staff participation
- 9. Documented evaluation of drill

Your Logo Here

FIRE DRILL LOG



TIC-EC-02-03-03

EP 3

C FIRE DRILL LOG

Facility:

FIRE DRILL LOG: For each fire drill enter the date, time it started, and precise location (floor & room name). Although drills must be unannounced, they should be pre-planned to ensure the drills are held are varying times, locations, and circumstances. Key CMS checkpoint are shown below

1. Date, time, AND location must vary so that no pattern is detectable in either the same day or shift. The Log makes it easy to spot patterns when viewing up/down or accross the 12 boxs

2. Must vary month of drill so not always on 1st shift in 1st month; 2nd shift in 2nd month; ect.

3. Must vary date so max of two within a 7 days of each other;

4. Must vary time of drill so only 2 of the 4 times in the same shift can be within an 1 hour of each other.

5. Drills held at the change of shift can only be counted for one shift

6. Must vary location of drill so there is only drill per smoke compartment per shift per year

7. All fire drills, including 3rd shift, must include activation of the fire alarm system and transmission to the monitoring company, with a

post-drill call-back verification of receipt of the alarm and documentation on the fire drill report form.

8. Each of the 12 sections of the Log must have at least one drill to satisfy the basic requirement of one drill per shift per guarter.

Recommended Fire Drill Grid

-											
Month	FIRST SHIFT				SECOND S	HIFT	THIRD SHIFT				
l ≩	Date	Time	Location	Date	Time	Location	Date	Time	Location		
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Feb											
Mar											
April											
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May											
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June											
July											
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Available for free download in Nov at www.Lauzon.LSC.com

		-	FIR		RILI	LOG		0	LLSC Form #6CA		
	Your Logo H	iere	Facility:					ų	LOG		Recommen
FIRE	DRILL LOG: Fo	or each fire d	rill enter the date, t	time it starte	l, and precise	location (floor & r	oom name).		TJC-EC.02.03.03		
			unced, they should			the drills are held a	re varying	LSC-2012 §18/19.7.1	TJC-EC.02.03.03 EP 3		
			ces. Key CMS check								<u>Fire Drill</u>
			nust vary so that n own or accross the		etectable in e	ither the same day	or shift. Th	e Log makes	it etc, to spot		
			o not always on 1st		onth; 2nd sh	ift in 2nd month; e	ct.				
			two within a 7 days								
			only 2 of the 4 time f shift can only be			within an 1 hour of	each other.				
			so there is only dri			per shift per year					
7.	All fire drills,	including 3rd	shift, must include	activation of	the fire alar	n system and trans		mon in	g company, with a		
			on of receipt of the							C	Code Ref
	Each of the 1	2 sections of	the Log must have	at least one d	irill to satisfy	the basic requirem	ent of one d	rill per shift p	ver qua	:	
Month		FIRST SH			SECOND S			THIRD S			
Ň	Date	Time	Location	Date	Time	Location	Date	Time	Location		heckpoi
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<u>nded</u> Grid

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		FIR				0	LLSC Form #6CA				
Your Logo	Here	Facility:				<u> </u>	LOG	· .	Do		
FIRE DRILL LOG:	For each fire d		ime it started, and prec	ise location (floor & r	oom name).				<u> </u>		
Although drills m	ust be unanno	unced, they should	be pre-planned to ensu	re the drills are held a		LSC-2012 §18/19.7.1	TJC-EC.02.03.03 EP 3				
		• • • • • • • • • • • • • • • • • • • •	point are shown below pattern is detectable i		or shift. T	he Log makes	it e s lo spot	·	Fi		
	patterns when viewing up/down or accross the 12 boxs 2. Must vary month of drill so not always on 1st shift in 1st month; 2nd shift in 2nd month; ect.										
3. Must vary d	3. Must vary date so max of two within a 7 days of each other;										
<ol> <li>Must vary time of drill so only 2 of the 4 times in the same shift can be within an 1 hour of each other.</li> <li>Drills held at the change of shift can only be counted for one shift</li> </ol>											
	6. Must vary location of drill so there is only drill per smoke compartment per shift per year										
			activation of the fire at alarm and documentati			In motion of	ig company, with a		• ()		
8. Each of the	12 sections of	the Log must have	at least one drill to satis	fy the basic requirem	ent of one d	irill per shift p	per qua		U		
E Date	Time	Location	Date Time	Location	Date	THIRDS	Location		- 0		
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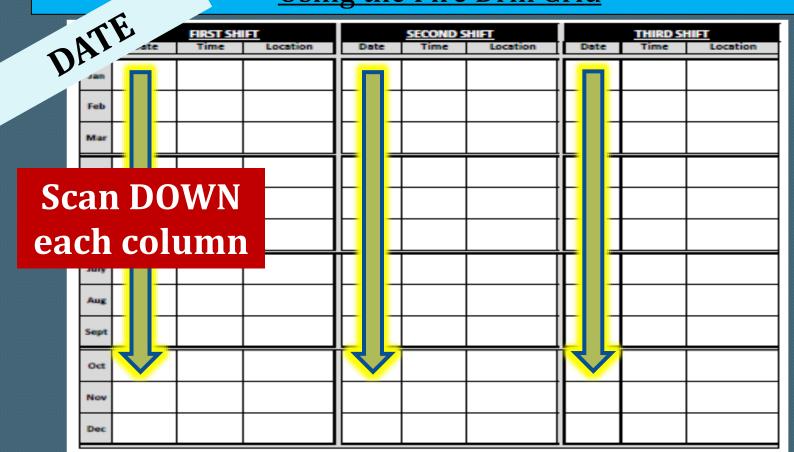
## <u>Recommended</u> <u>Fire Drill Grid</u>

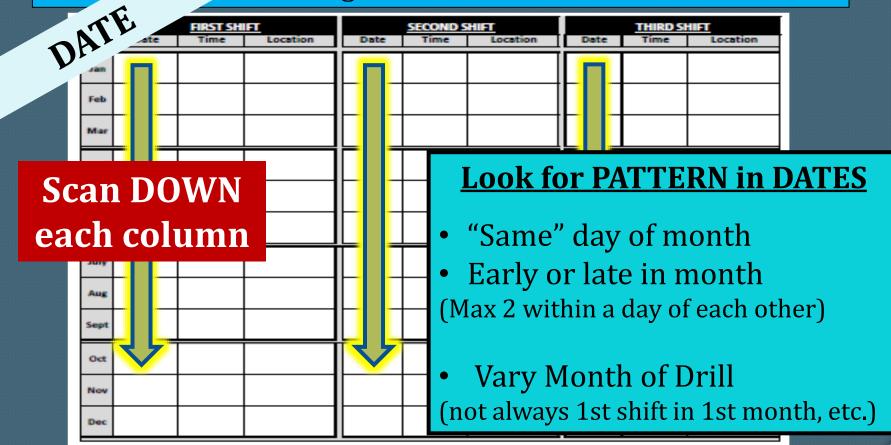
Code Ref Checkpoints Grid

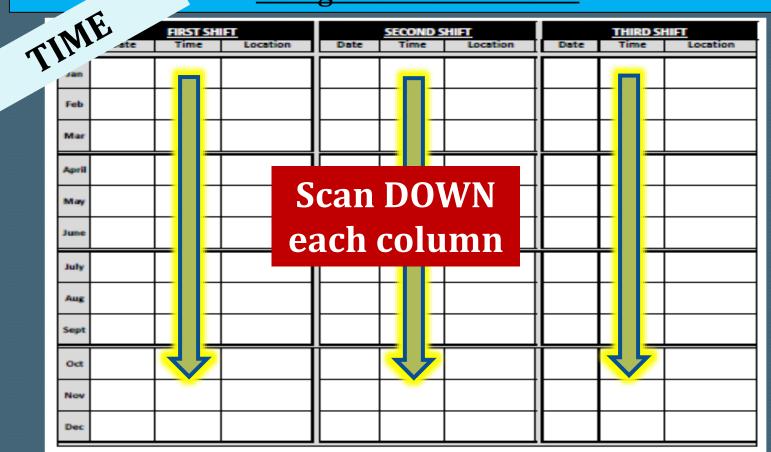
#### t's how surveyors spot issues

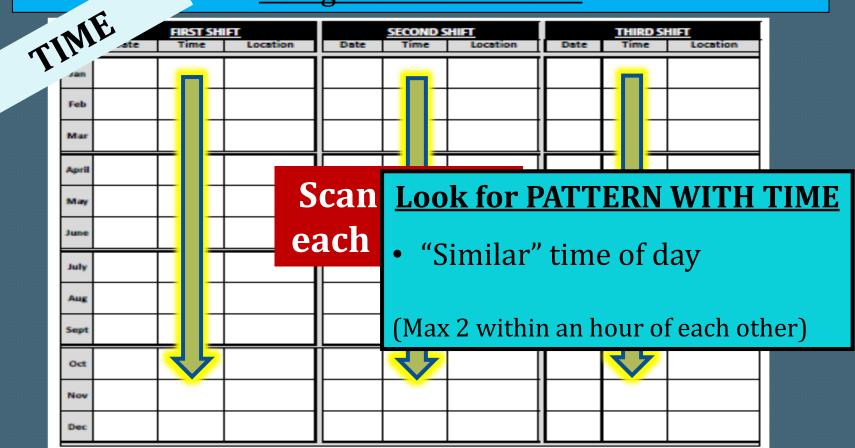
## Recommended Fire Drill Grid

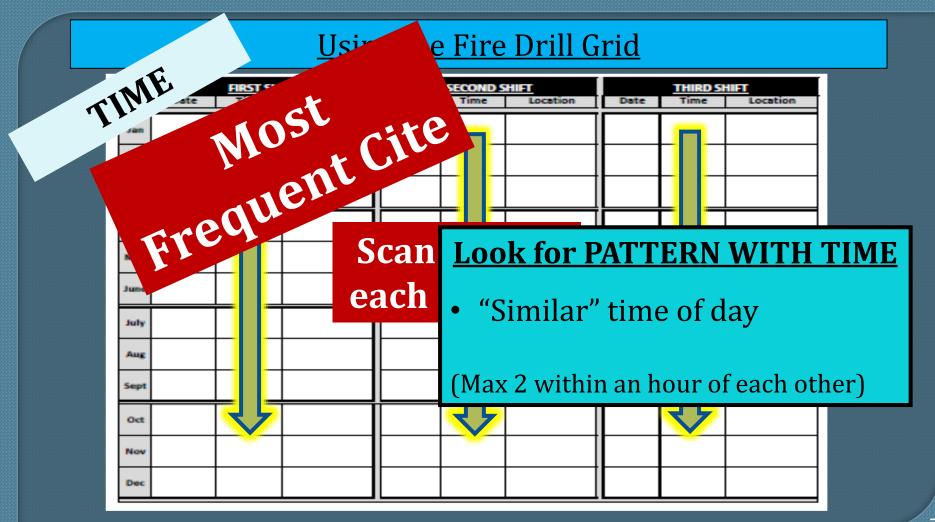
Month	FIRST SHIFT				SECOND S		THIRD SHIFT			
2	Date	Time	Location	Date	Time	Location	Date	Time	Location	
Jan										
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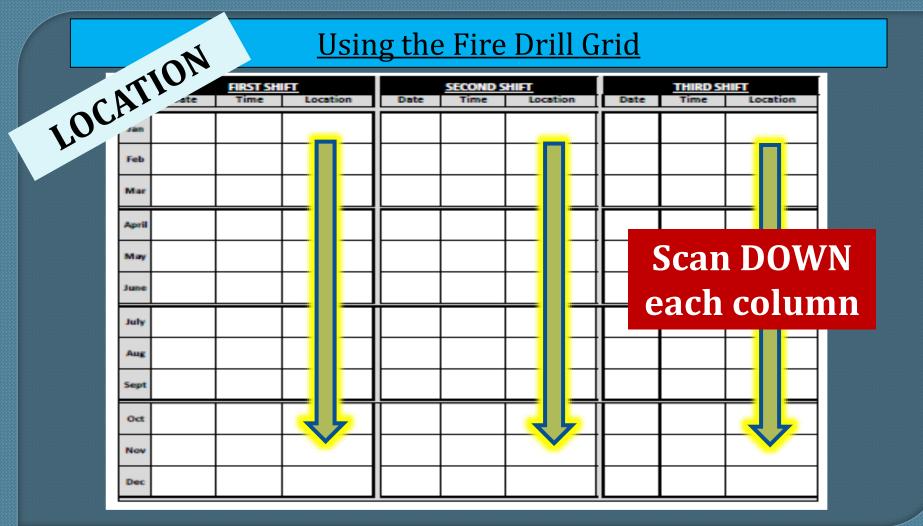


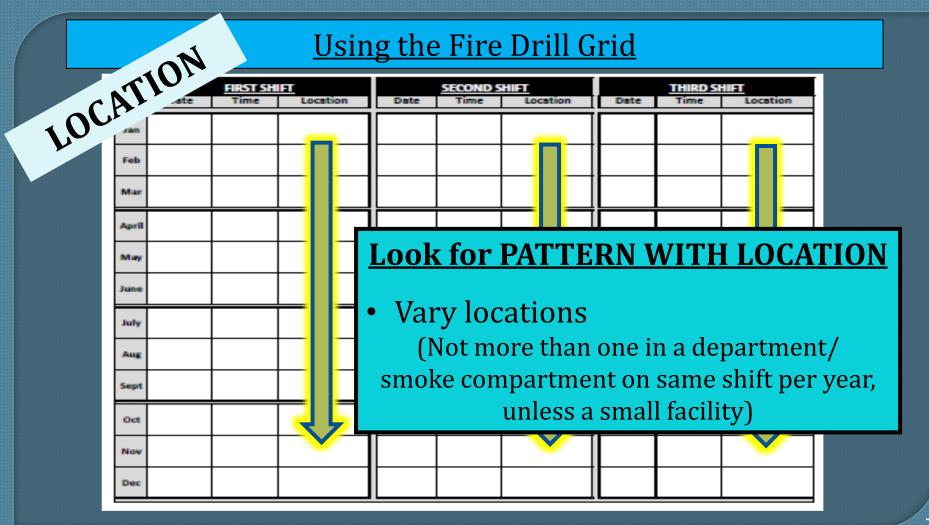




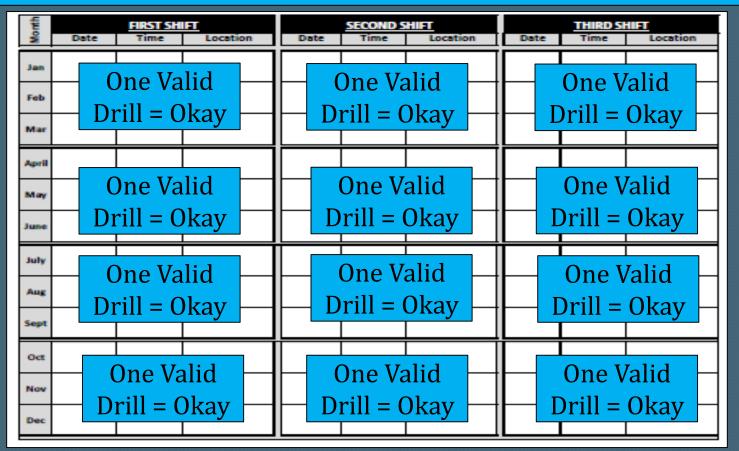








## **Using the Fire Drill Grid**



## **Using the Fire Drill Grid**



# **Fire Doc Review**

**Check Forms Against Code Requirements** 

# **Fire Doc Review**

## **Check Forms Against Code Requirements**

## Drill Log Checklist

- 1. 1/Shift/Quarter
- 2. Varied Days (max 2 within a day of each other)
- 3. Varied Times (max 2 within an hr of each other)
- 4. Varied Locations (none in same smoke compart)

# **Fire Doc Review**

## **Check Forms Against Code Requirements**

### Drill Log Checklist

#### **Specific Requirements**

- 1. 1/Shift/Quarter
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- 3. Varied Times (max 2 within an hr of each other)
- 4. Varied Locations (none in same smoke compart)

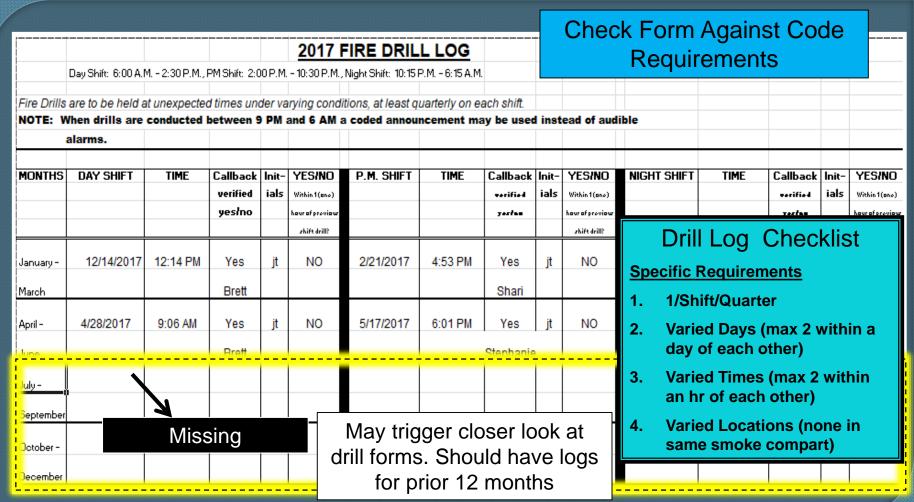
### **Drill Report Checklist**

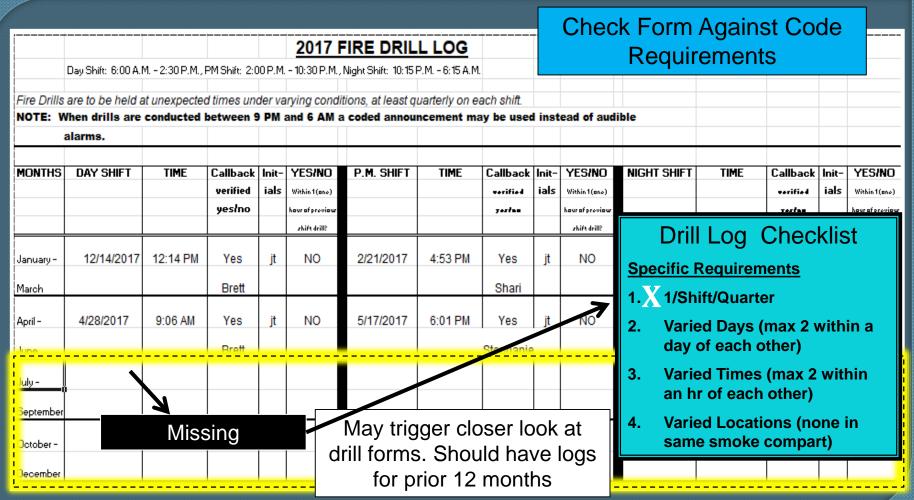
- 1. Staff/auto activate alarm
- 2. Include Transmission of Alarm
- 3. Include Back Up Call to FD or Monitoring
- 4. Documented staff participation
- 5. Documented evaluation of drill

#### Check Form Against Code 2017 FIRE DRILL LOG Requirements Day Shift: 6:00 A.M. - 2:30 P.M., PM Shift: 2:00 P.M. - 10:30 P.M., Night Shift: 10:15 P.M. - 6:15 A.M. Fire Drills are to be held at unexpected times under varying conditions, at least quarterly on each shift. NOTE: When drills are conducted between 9 PM and 6 AM a coded announcement may be used instead of audible alarms. MONTHS TIME YES/NO P.M. SHIFT YES/NO NIGHT SHIFT YES/NO DAY SHIFT Callback Init-TIME Callback Init-TIME Callback Initials verified ials ials Within 1(one) verified Within 1(ane) verified Within 1(one) yesłno hour of proviour Terlas hour of proviour hour of proviour restan zhift drill? whift drill? **Drill Log Checklist** January - 12/14/2017 12:14 PM Yes it NO 2/21/2017 4:53 PM Yes jt NO **Specific Requirements** Brett Shari March 1/Shift/Quarter 4/28/2 17 5/17/2017 NO 9:06 AM Yes it NO 6:01 PM Yes April -2. Varied Days (max 2 within a day of each other) Brett Stephanie June 3. Varied Times (max 2 within July an hr of each other) Septembe Varied Locations (none in Date shows drill was in 4th 4. same smoke compart) October Qtr; If so, non-compliant ... December

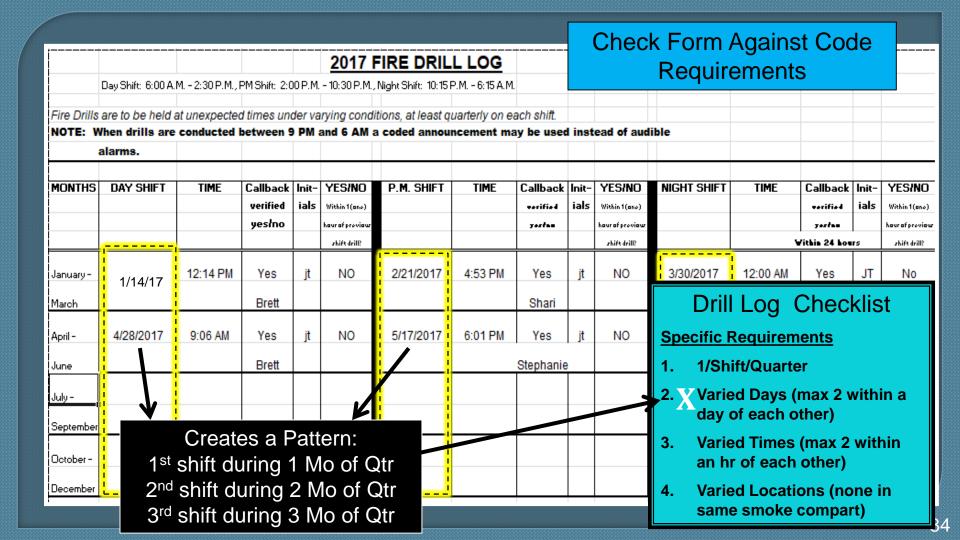
#### **Check Form Against Code** 2017 FIRE DRILL LOG Requirements Day Shift: 6:00 A.M. - 2:30 P.M., PM Shift: 2:00 P.M. - 10:30 P.M., Night Shift: 10:15 P.M. - 6:15 A.M. Fire Drills are to be held at unexpected times under varying conditions, at least quarterly on each shift. NOTE: When drills are conducted between 9 PM and 6 AM a coded announcement may be used instead of audible alarms. MONTHS TIME YES/NO P.M. SHIFT YES/NO NIGHT SHIFT Callback Init-YES/NO DAY SHIFT Callback Init-TIME Callback Init-TIME ials verified ials ials Within 1(one) verified Within 1(ane) verified Within 1(one) yesłno hour of proviour Testan hour of proviour hour of proviour restan zhift drill? whift drill? **Drill Log Checklist** January - 12/14/2017 12:14 PM Yes it NO 2/21/2017 4:53 PM Yes jt NO **Specific Requirements** Brett Shari March 1. 1/Shift/Quarter 4/28/2017 5/17/2017 9:06 AM Yes it NO 6:01 PM Yes April -Varied Days (max 2 within a 2. day of each other) Brett Stepha June 3. Varied Times (max 2 within July an hr of each other) Septembe Varied Locations (none in Date shows drill was in 4th 4. same smoke compart) October Qtr; If so, non-compliant .... December

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	 Day Shift: 6:00 A.	M 2:30 P.M.,	 PM Shift: 2:(	00 P.M		FIRE DRIL Night Shift: 10:15 F				Chec	k Form Requir	-		de	
Fire Drills	are to be held	at unexpecte	d times un	der va	arying condi	tions, at least quarter a coded annou	uarterly on e	ach shift.	l inst	ead of aud	ible				
-	alarms.														
MONTHS	DAY SHIFT	TIME	Callback verified yes/no	lnit- ials	YES/NO Within 1 (ane) have af provinge	P.M. SHIFT	TIME	Callback verified	lnit- ials	YES/NO Within 1 (ane) hour of previour	NIGHT SHIFT	TIME	Callback ••rified	lnit- ials	YES/NO Within 1 (ano) haur of proviour
					shift drill?					shift drill?		•	Within 24 hou	rs	zkift drill?
January -	1/14/17	12:14 PM	Yes	jt	NO	2/21/2017	4:53 PM	Yes	jt	NO	3/30/2017	12:00 AM	Yes	JT	No
March			Brett			¦		Shari			Dril	Log	Chec	klis	st
April -	4/28/2017	9:06 AM	Yes	jt	NO	5/17/2017	6:01 PM	Yes	jt	NO	Specific I	Requirem	<u>nents</u>		
June			Brett					Stephanie	)		1. 1/Sh	ift/Quarte	er		
July-					K							ed Days ( of each c		vith	in a
September October -	1_st	Create shift du				)tr						ed Times r of each	•	with	nin
December	2 nd	shift du shift du	uring	2 N	lo of C	Qtr <mark>'</mark>						ed Locati e smoke	•		n



	Day Shift: 6:00 A.f	4 2:30 P.M., I	PM Shift: 2:0	0 P.M.		FIRE DRIL Night Shift: 10:15			-	Chec	k Form Requir	Ŭ		de	
NOTE: W	are to be held a /hen drills are alarms.					Revie	ew Tim ery Ca			y of aud	ible				
Months	DAY SHIFT	TIME	Callback verified yes/no	lnit- ials	YESINO Within 1 (ano) haur of provious shift drill?	P.M. Shift	TIME	Callback verified yestam	lnit- ials	YESINO Within 1 (ane) have af previour shift drill?	NIGHT SHIFT	TIME	Callback verified yerten Vithis 24 hou	ials	YESINO Within 1 (ane) have af provinue shift drill?
January- March	12/14/2017	12:14 PM	Yes Brett	jt	NO	2/21/2017	4:53 PM	Yes Shari	jt	NO	Dril	l Log	Chec	klis	st
April - June	4/28/2017	9:06 AM	Yes Brett	jt	NO	5/17/2017	6:01 PM	Yes Stephanie	jt	NO		ift/Quart	er		
July - Septem Octobel Decemt	But, N		cited	by	' some	use > 1 AHJ wł					day 3. Vario an h	ed Days ( of each c ed Times r of each ed Locati	other) (max 2 other)	witl	hin

	Day Shift: 6:00 A.1	M 2:30 P.M.,	PM Shift: 2:0	00 P.M.		FIRE DRIL Night Shift: 10:15				Chec	k Form Requir	Ŭ		de	
NOTE: W	are to be held a /hen drills are alarms.					Revie	ew Tim ery Ca			y of aud	ible				
MONTHS	DAY SHIFT	TIME	Callback verified yes/no	lnit- ials	YESINO Within 1 (one) hour of previous shift drill?	P.M. Shift	TIME	Callback verified yestan	lnit- ials		NIGHT SHIFT	TIME	Callback verified yertan Vithin 24 hou	ials	YESINO Within 1 (ane) have af provinue shift drill?
January- March	12/14/2017	12:14 PM	Yes Brett	jt	NO	2/21/2017	4:53 PM	Yes Shari	jt	NO	Dril	I Log	Chec	klis	st
April - June	4/28/2017	9:06 AM	Yes Brett	jt	NO	5/17/2017	6:01 PM	Yes Stephanie	jt	NO		ift/Quart	er		
July - Septem Octobe Decemt	But, N		cited	by	' some	use > 1 AHJ wł					day 3.√ Vario an h 4. Vario	ed Days of each o ed Times r of each ed Locat e smoke	other) s (max 2 n other) ions (nc	witl	hin

## **Fire Drill Report Form**

	Facil	ity:	
BASIC DRILL INFORMATION			
DATE TIME SHIFT WEEK BUI	ILDING FLO	OR DEPARTMENT	ROOM NAME/NUMBER
1. DRILL SITE EVALUATION		OBSERVE	R:
Scenario			
Alarm Functions			
Audible/Visual Alarms Activated     Fire Doors Closed		NA Work Order	
PA Alert Audible		NA Work Order	
Staff Actions:		Observer Com	ments to "No"
Remove those in immediate danger	🗆 Yes 🗆 No		
Activate Fire Alarm Pull Station	□ Yes □ No		
Call	Yes      No		
	Yes   No		
Extinguish Fire if Small & Trained	🗆 Yes 🗆 No		
Evac Prep by Clearing Halls	🗆 Yes 🗆 No		
Code Dod Toom Actions		01	
Code Red Team Actions: Assessed Dept Containment/Clearing		Observer Com	ments to "No"
Secured Fire Site Perimeter			
	Yes   No		
Assessed Fire Situation	🗆 Yes 🗆 No		
Participants:			
Department: Qty; Names	of Key Persons		
, numer	erregt ersons.		
Code Red Team: Qty from Plant Op_		: Otv from Transport	
Evaluation: Provided immediate fee	dback to manage	r on any improvements	needed by the staff

## Many Forms are Available

## There isn't a "Best" Form

## **Fire Drill Report Form**

FIRE DRILL REPORT     Facility:       BASIC DRILL INFORMATION     BUILDING       DATE     TIME       SHIFT     WEEK       BUILDING     FLOOR       DEPARTMENT     ROOM NAME/NUMBER	Many Forms are Available
Alarm Functions         •Audible/Visual Alarms Activated         •Fire Doors Closed         Yes         No         Na         Work Order         •Fire Doors Closed         Yes         No         NA         Work Order         •PA Alert Audible         Yes         No         NA         Work Order         Staff Actions:         Observer Comments to "No"         Remove those in immediate danger         Yes         No	There isn't a "Best" Form
Activate Fire Alarm Pull Station       Yes       No         Call       Yes       No         Close All Doors in Area       Yes       No         Extinguish Fire if Small & Trained       Yes       No         Extinguish Fire if Small & Trained       Yes       No         Extinguish Fire if Small & Trained       Yes       No         Code Red Team Actions:       Observer Comments to "No"         Assessed Deci Containment/Clearing       Yes       No         Secured Fire Site Perimeter       Yes       No         Extinguished Fire (PASS)       Yes       No         Assessed Fire Situation       Yes       No         Participants:       Department: Qtv       ; Names of Key Persons:	Use one that fits facility culture
Code Red Team: Qby from PlantOp; Qby from Transport; Qby from Transport]; Qby from Transport; Qby from Transport; Qby from Transport; Qby from Transport]; Qby from Transpor	Contains Key Checkpoints?

Facility:

DATE	TIME	SHIFT		BUILDING	FLO	DR I	DEPARTMENT	ROOM NAME/NUMBER
		5	WLLN	DOILDING	1200		DEPARTMENT	
1. DRILL	SITE	FVAI		N			OBSERVER:	
Scenario				-				
Alarm Fund •Audible/\/		larme A	ctivated				Work Order	
<ul> <li>Fire Door</li> </ul>			onvarea				Work Order	
•PA Alert	Audible	•		🗆 Yes (	⊐No C	D NA	Work Order	
Staff Actio	ns:			<u> </u>			Observer Comme	ents to "No"
Personalis			مو مرداد ما	💶 🗆 Yes (	⊐ No			
_								
Activate Fin			ation	🗆 Yes (				
		-		Yes (				
Close All D	oors in	Area		🗆 Yes (				
Extinguish	Fire if 9	mall & T	Trained	□ Yes (				
			ring Hall					
		· .						
Code Red				aring 🗆 Yes (	-		Observer Comm	ents to "No"
Secured F				Aring L Yes I				
Extinguish				Yes (				
Assessed	Fire Sit	tuation	·	Yes (				
Participant	ts:					4		
								· ·
DO	es r	not	sho	w that	i a S	51/	AFF activ	/ated
Code Red	Team:	Qty fro	m Plant	Ор		Qty	from Transport	
							ny improvements n	eeded by the staff
Evaluation								
Evaluation	-							
Evaluation	-							

## Drill Report Checklist

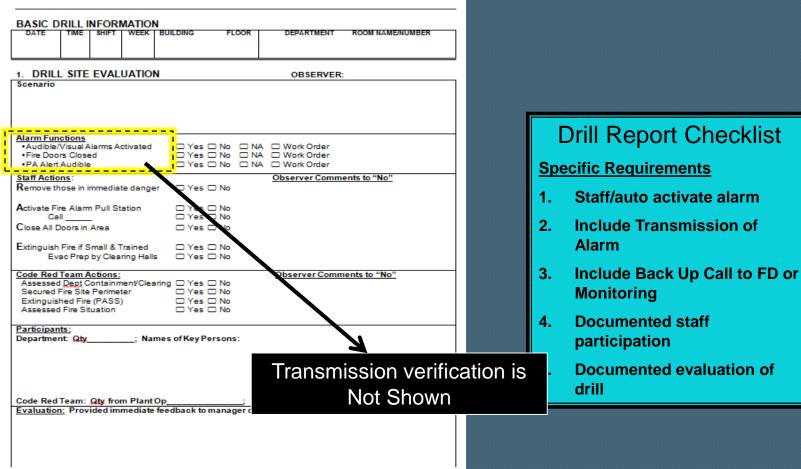
- 1. Staff/auto activate alarm
- 2. Include Transmission of Alarm
- 3. Include Back Up Call to FD or Monitoring
- 4. Documented staff participation
- 5. Documented evaluation of drill

Facility:

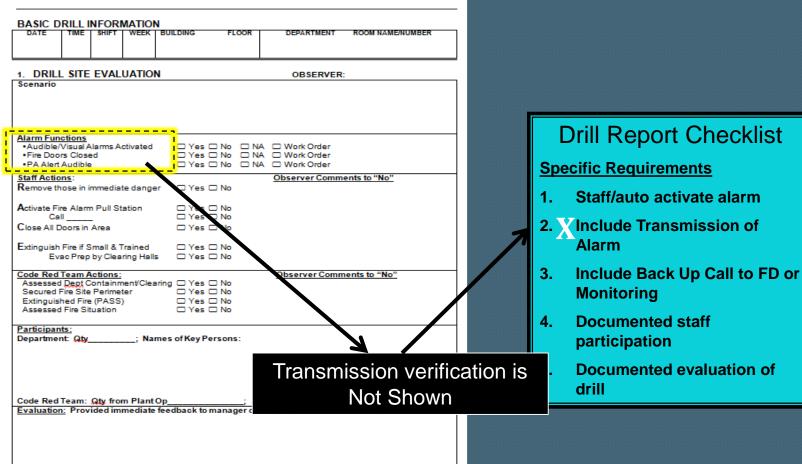
	BASIC D								
	DATE	TIME	SHIFT	WEEK	BUILDING	FLO	OR	DEPARTMENT	ROOM NAME/NUMBER
	1. DRILL	_ SITE	EVAL	UATIO	N			OBSERVER:	
	Scenario								
	Alarm Fun								
	<ul> <li>Audible/</li> <li>Fire Door</li> </ul>			ctivated				Work Order Work Order	
	•PA Alert	Audible						Work Order	
ī	Staff Actio	ns:						Observer Comme	nts to "No"
L	P			مو مر ک ما	- O Yes	No			
	Activate Fir	re Alarn	P I St	ation	🗆 Yes				
		II			🗆 Yes				
	Close All D	oors in	Area		🗆 Yes	No			
	Extinguish	Fire if S	mall & T	Trained	🗆 Yes				
	Eva	ac Prep	by Clea	ring Hall	s 🗆 Yes	No			
	Code Red	Team A	ctions:					Observer Comme	ents to "No"
	Assessed Secured P				aring 🗆 Yes 🗆 Yes				
	Extinguish								
	Assessed			·	Yes	O No			
	Participan	ts:					$\mathcal{M}$		
	Doe	es i	not	sho	w tha	ta S	ST/	AFF activ	vated
									aloa
	Code Red	Team:	Qty from	m Plant	Op		_; Qty	from Transport ny improvements ne	adad by the staff
	<u>- varuadun</u>		acu illi	methate	iceobaok to	manage	on a	ing improvements in	course by the stan



Facility:



Facility:



#### 92

Facility:

BASIC DRILL INFORM	ATION				
DATE TIME SHIFT	WEEK BUILDING	FLOOR	DEPARTMENT	ROOM NAME/NUMBER	
1. DRILL SITE EVALU	IATION		OBSERVER	:	_
scenario					
Audible/Visual Alarms Act			A 🔲 Work Order		
Fire Doors Closed     PA Alert Audible			A □ Work Order A □ Work Order		
Staff Actions:	<u></u>		Observer Comm	ents to "No"	
Remove those in immediate	edanger <mark>I</mark> ⊐Yes⊂ I	] No			
Activate Fire Alarm Pull Sta Call	tion <mark>I</mark> D Yes D				
Close All Doors in Area	☐ Yes C				
Extinguish Fire if Small & Tr	ained 🛛 Yes 🗆	□ No			
Evac Prep by Cleari	ng Halls 🗖 Yar 🗆	□ No			
Assessed Dept Containme	nt/Clearing C Ves C		Observer Comm	ents to "No"	
Secured Fire Site Perimete	er Č⊡Yes⊂	3 No			
Extinguished Fire (PASS) Assessed Fire Situation	□ Yes □ □ Yes □				
Participants:					-
Department: Qty	; Names of Key Pe	rsons:		$\boldsymbol{\mathcal{A}}$	
			Pool II		opitorir
				p call to me	
Code Red Team: Oty from	PlantOn		sta	during the	drill
Evaluation: Provided imm		nanager c			
				s Not Show	/n
		-			

## Drill Report Checklist

- 1. Staff/auto activate alarm
- 2. Include Transmission of Alarm
- 3. Include Back Up Call to FD or Monitoring
- 4. Documented staff participation
  - Documented evaluation of drill

Facility:

BASIC DRILL INFORMATION				
DATE TIME SHIFT WEEK BUI	LDING FLOOR	DEPARTMENT	ROOM NAME/NUMBER	
1. DRILL SITE EVALUATION		OBSERVER	:	=
Scenario				
Alarm Functions				
Audible/Visual Alarms Activated     Fire Doors Closed	□Yes □No □N □Yes □No □N			
PA Alert Audible				
r	1		ante to "No"	-
Staff Actions: Remove those in immediate danger	□ Yes □ No	Observer Comm	ents to "No"	
Nemove mose in inmediate danger				
Activate Fire Alarm Pull Station	Yes 🗆 No			
Call	I□ Yes □ No			
Close All Doors in Area	🗖 Yes 🗆 No			
<u>.</u>	<u>.</u>			
Extinguish Fire if Small & Trained	Yes 🗆 No			
Evac Prep by Clearing Halls				
Levezzzzzzz	<u> </u>	Observer Comm	ents to "No"	
Assessed Dept Containment/Clearing				
Secured Fire Site Perimeter	□ Yes □ No			7
Extinguished Fire (PASS) Assessed Fire Situation	Yes      No     Yes      No			
Assessed File Situation				
Participants:				
Department: Qty; Names	of Key Persons:			
	_			
		<b>Б</b>		• •
		Back-U	p call to mo	onitorina
				•
		eta	during the	drill
Code Red Team: Qty from Plant Op_ Evaluation: Provided immediate fee	iback to manager (	310		
Evaluation. Provided immediate leef	ibaok to manager c	;	s Not Show	2
			S NOL SHOW	

## Drill Report Checklist

- 1. Staff/auto activate alarm
- 2. Include Transmission of Alarm
- 3. XInclude Back Up Call to FD or Monitoring
- 4. Documented staff participation
  - Documented evaluation of drill

Facility:

BASIC DRILL INFORMATION			BAAU ULUPUUUBPB
DATE TIME SHIFT WEEK BU	JILDING FLOOR	DEPARTMENT	ROOM NAME/NUMBER
1. DRILL SITE EVALUATION		OBSERVER:	
Scenario			
Alarm Functions     Audible/Visual Alarms Activated	□Yes □No □N	A 🗆 Work Order	
•Fire Doors Closed	□Yes □No □N	A 🗆 Work Order	
PA Alert Audible	□Yes □ No □ N		
<u>Staff Actions</u> : Remove those in immediate danger		Observer Comme	ents to "No"
Centove those in inmediate danger			
Activate Fire Alarm Pull Station	🗆 Yes 🗆 No		
Call Close All Doors in Area	□ Yes □ No □ Yes □ No		
Close All Doors in Area			
	🗆 Yes 🗆 No		
Evac Prep by Clearing Halls	🗆 Yes 🗆 No		
Code Red Team Actions:		Observer Comm	ents to "No"
Assessed Dept Containment/Clearing Secured Fire Site Perimeter	g □ Yes □ No □ Yes □ No		
Extinguished Fire (PASS)	Yes      No		
Assessed Fire Situation	🗆 Yes 🗆 No		
Participants:			'i
Department: Qty; Name	s of Key Persons:		
			i
	М		i
	2		<mark></mark>
Code Red Team: Qty from Plant Op Evaluation: Provided immediate fee		Missing	names of <u>all</u>
	-	wiissiiriy	names of all
		narti	cipated in dr
		parti	cipaled in u

## Drill Report Checklist

- 1. Staff/auto activate alarm
- 2. Include Transmission of Alarm
- 3. Include Back Up Call to FD or Monitoring
- 4. Documented staff participation
- 5. Documented evaluation of drill

Facility:

BASIC DRILL INFORMATION DATE TIME SHIFT WEEK BU	JILDING FLOOR	DEPARTMENT	ROOM NAME/NUMBER	
1. DRILL SITE EVALUATION Scenario		OBSERVER:		
Alarm Functions •Audible/Visual Alarms Activated •Fire Doors Closed	Yes No NA Yes No NA	Work Order		
PA Alert Audible <u>Staff Actions</u> :	□Yes □No □NA	Observer Comme	ents to "No"	
Remove those in immediate danger	🗆 Yes 🗖 No			
Activate Fire Alarm Pull Station Call	□Yes □No □Yes □No			
Close All Doors in Area	□ Yes □ No			
Extinguish Fire if Small & Trained Evac Prep by Clearing Halls	□ Yes □ No □ Yes □ No			
Code Red Team Actions: Assessed Dept Containment/Clearing Secured Fire Site Perimeter Extinguished Fire (PASS) Assessed Fire Situation	g 🗆 Yes 🗆 No 🗆 Yes 🗆 No 💷 Yes 🗆 No 💷 Yes 🗆 No	Observer Comm	ents to "No"	
<u>Participants:</u> Department: Qty; Names	s of Key Persons:			
	<u> </u>			
Code Red Team: Qty from Plant Op_ Evaluation: Provided immediate fee		•	names of <u>al</u> cipated in dr	

## Drill Report Checklist

- 1. Staff/auto activate alarm
- 2. Include Transmission of Alarm
- 3. Include Back Up Call to FD or Monitoring
- 4. X Documented staff participation
- 5. Documented evaluation of drill

Facility:

		OOR		
DATE TIME SHIFT WEEK BU	JILDING FL	OOR	DEPARTMENT	ROOM NAME/NUMBER
1. DRILL SITE EVALUATION Scenario			OBSERVER:	
Alarm Functions				
•Audible/Visual Alarms Activated	🗆 Yes 🗆 No		Work Order	
<ul> <li>Fire Doors Closed</li> </ul>	🗆 Yes 🗆 No			
PA Alert Audible	🗆 Yes 🗆 No		Work Order	
Staff Actions:			Observer Comme	nts to "No"
Remove those in immediate danger	🗆 Yes 🗆 No			
Activate Fire Alarm Pull Station	□ Yes □ No			
Call	□ Yes □ No			
Close All Doors in Area	🗆 Yes 🗆 No			
Extinguish Fire if Small & Trained				
Evac Prep by Clearing Halls				
2 root rop by orearing rails	2.03.2.00			
Code Red Team Actions:			Observer Comm	ents to "No"
Assessed Dept Containment/Clearing Secured Fire Site Perimeter	g 🗆 Yes 🗆 No 🗆 Yes 🗆 No			
Extinguished Fire (PASS)				
Assessed Fire Situation				
Participants:				
Department: Qty; Name	s of Key Persons	50		
Evaluation: Provided immediate fee	edback to manag	er on an	vimprovements n	eeded by the staff

## Drill Report Checklist

- 1. Staff/auto activate alarm
- 2. Include Transmission of Alarm
- 3. Include Back Up Call to FD or Monitoring
- 4. Documented staff participation
- 5. Documented evaluation of drill

Facility:

BASIC D									SHC
DATE	TIME	SHIFT	WEEK	BUILDING	FL	OOR	DEPARTMENT	ROOM	T
1. DRIL	L SITE	EVAL	UATION	I			OBSERVER	:	
Scenario									
Alarm Fun •Audible/			ctivated	Yes (			Work Order		
Fire Doo     PA Alert	rs Close	ed		Yes (	🗆 No		Work Order		
		8							
Staff Actio Remove the		immedia	te danger	r 🗆 Yes (	□ No		Observer Comm	ents to "M	<u>lo"</u>
			ation	🗆 Yes (					
Ca Close All D	ll Doors in			Yes (     Yes (     Yes (					
Extinguish	Fire if 9	Small & T	Freined	🗆 Yes (					
				□ Yes (					
Code Red	Team A	Actions:	ent/Clear	ing 🗆 Yes (			Observer Comm	nents to "	No"
Secured	Fire Site	- Perime	ter	T Ves (	D No				
Extinguis	hed Fire d Fire Si	e (PASS) ituation	)	Yes	□ No □ No				
Participar	te ·								
			; Nan	nes of Key P	ersons				
<u>Carlo Parl</u>		Alter fee	- 51-20				<u>_</u>		<u></u>
Evaluation	n: Prov	ided im	mediate	feedback to	manag	jer on a	any improvements r	needed b	ythe staff

## SHOULD REVISE FORM TO INCLUDE *Failed* ITEMS

## **Drill Report Checklist**

- 1. X Staff/auto activate alarm
- 2. XInclude Transmission of Alarm
- 3. XInclude Back Up Call to FD or Monitoring
- 4. X Documented staff participation
- 5. Documented evaluation of drill

# **Part 2 - Fire Plan**



# Part 2 - Fire Plan The Joint Commission

STANDARD - EPs	Document / Requirement	EC.02.03.01		
EC.02.03.01	Hospital Manages Fire Risk – <mark>Fire Response</mark> Plan	<b>EP 9</b>		
EP 9	<ul> <li>The written fire response plan describes the specific roles of staff and LIPs at and away from fire including</li> <li>When and how to sound and report fire alarms</li> <li>How to contain smoke and fire</li> <li>How to use a fire extinguisher</li> <li>How to assist and relocate patients</li> <li>How to evacuate to areas of refuge</li> <li>Staff and LIPs periodically instructed on/kept informed of duties under plan</li> <li>Copy of plan readily available with telephone operator or security</li> </ul>	Same as CMS, but less precise		







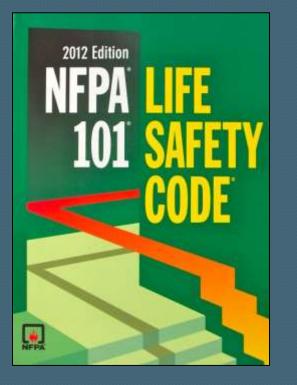
There is a written plan for the protection of all patients and for their evacuation in the event of an emergency.

Employees are periodically instructed and kept informed with their duties under the plan, and a copy of the plan is readily available with telephone operator or with security. The plan addresses the basic response required of staff per 18/19.7.2.1.2 and provides for all of the fire safety plan components per 18/19.7.2.2.

18.7.1.1 through 18.7.1.3, 18.7.2.1.2, 18.7.2.2, 18.7.2.3, 19.7.1.1 through 19.7.1.3 19.7.2.1 2 19.7.2.2 19.7.2.3

**Contains a summary of the NFPA requirements** 





<u>Code Requirements</u> For Fire Plans are found in 2 Locations

**1. Core Codes** – Chapter 4

**2. Occupancy Chapters** – Chapter 12-42

# Core Plan Requirements – 4.8

# Follow Occupancy Chapter, x.8.x <hr/> <hr/

## **1**. Follow 4.7 Requirements

- Assembly (12/13)
- Education (14/15)
- Day Care (15/16)
- Hotels & Dorms (28/29)
- Mercantile (36/37)
- Business-Hi-Rise (38-39)

## • 1 & 2 Family (24)

• Lodging/Rooming(26)

104

- Industrial (40)
- Storage (42)

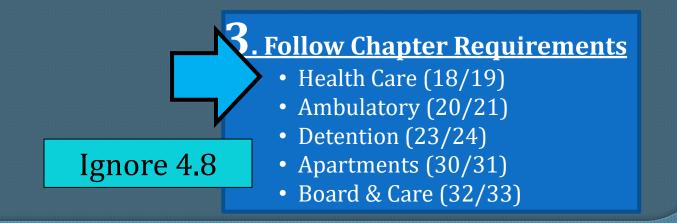
## **3.** Follow Chapter Requirements

- Health Care (18/19)
- Ambulatory (20/21)
- Detention (23/24)
- Apartments (30/31)
- Board & Care (32/33)

## Core Plan Requirements – 4.8

## Follow Occupancy Chapter, x.8.x <u>**2**. No Requirements</u>





105

## 18/19.7.1.1 – <u>EVACUATION & RELOCATION PLAN</u> *Must have a written plan*



106

Same Requirements in both New & Existing

## 18/19.7.1.1 – <u>EVACUATION & RELOCATION PLAN</u> *Must have a written plan*

For the protection of all persons in a fire
 For evacuation to areas of refuge
 For evacuation from the building if necessary

Fire Policy

Same Requirements in both New & Existing

## 18/19.7.1.1 – <u>EVACUATION & RELOCATION PLAN</u> *Available to all supervisors*

 Must be the current plan
 If on-line, all supervisors must be able to demonstrate having quick access

Fire Policy

108

Same Requirements in both New & Existing

18/19.7.1.1 – <u>EVACUATION & RELOCATION PLAN</u> *Readily available at all times* in the telephone operator's position or the security center



109

Same Requirements in both New & Existing

18/19.7.1.1 – <u>EVACUATION & RELOCATION PLAN</u> *Readily available at all times* in the telephone operator's position or the security center

Must be the current plan
 If on-line, must be able to demonstrate having quick access

Same Requirements in both New & Existing



110

#### 18/19.7.1.2 – <u>EVACUATION & RELOCATION PLAN</u> *Periodic instruction of all employees on their duties*

#### 18/19.7.182 – <u>EVACUATION & RELOCATION PLAN</u> *Instruction of all employees on life safety procedures and devices*



Same Requirements in both New & Existing

#### 18/19.7.2 – <u>PROCEDURE IN CASE OF A FIRE</u> *Prompt and effective fire response*



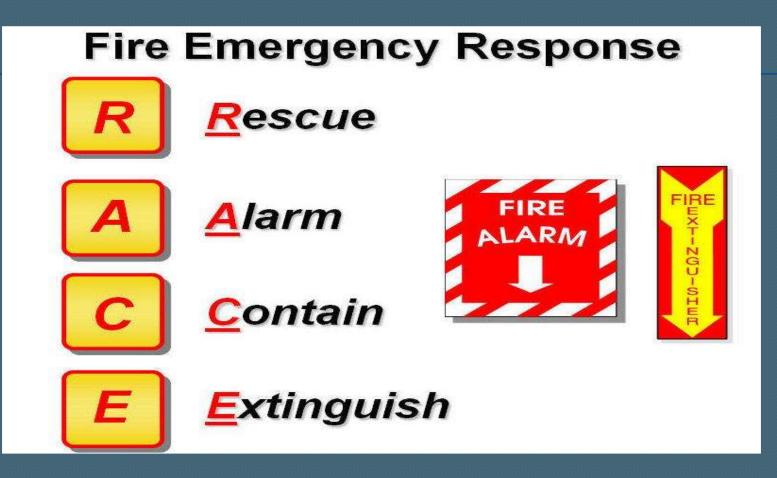
#### 18/19.7.2 – <u>PROCEDURE IN CASE OF A FIRE</u> *Prompt and effective fire response*

- 1. <u>Remove</u> all occupants near fire
- 2. <u>Alarm</u> Transmission to warn occupants and summon staff
- 3. <u>Confinement</u> of fire by closing doors to isolate the fire area
- 4. Evacuation/Relocation of patients

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# **RACE**





#### 1. Use of <u>alarms</u>

- 2. <u>Transmission</u> of alarm to fire dept
- 3. Emergency <u>Call</u> to fire department
- 4. <u>Response</u> to alarms
- 5. <u>Isolation</u> of fire
- 6. Evacuation of <u>immediate</u> area
- 7. Evacuation of <u>smoke</u> compartment
- 8. <u>Prep</u>aration of floors & building for evacuation
- 9. <u>Extinguishment</u> of fire10. Use of Code <u>Phrase</u>

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#### **1. Use of Alarms**

#### All staff must:



#### **1. Use of Alarms**

### All staff must:



a. Know the <u>location</u> of pull stations

b. Know <u>how to pull</u> the alarm (best if they've done it)

c. Feel <u>authorized</u> to do it

#### 2. Transmission of Alarm to Fire Dept (via Monitoring Sta)



#### 2. Transmission of Alarm to Fire Dept (via Monitoring Sta)



Simple explanation of how your fire alarm system "talks" to the fire dept via your monitoring service

**NEW 3. Emergency Call to fire department** (new in 2012 LSC)



#### **NEW 3. Emergency Call to fire department** (new in 2012 LSC)

#### Different from usual Post-Drill call to put sys back on-line



**NEW** 3. Emergency Call to fire department (new in 2012 LSC)

#### Different from usual Post-Drill call to put sys back on-line



Someone must call monitoring company <u>ASAP</u> after the alarm is <u>sounded</u> to confirm signal received

#### **4. Response to Alarms**



#### **Staff Actions When Alarm Sounds:**

#### 4. Response to Alarms



#### Staff Actions When Alarm Sounds:

#### a. In area of the fire

#### 4. Response to Alarms



#### Staff Actions When Alarm Sounds:

a. In area of the fire

b. In areas away from the fire

c. Other floors/buildings

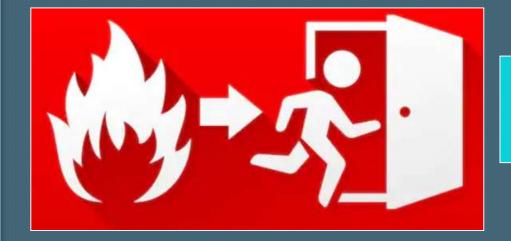
#### **5. Isolation of the Fire**



#### Part of RA<u>C</u>E: CLOSE the doors

Very Important Factor to Limit Spread of a Fire

#### 6. Evacuation of Immediate Area



## Part of $\underline{\mathbf{R}}$ ACE: Remove people in fire area

#### 7. Evacuation of Smoke Compartment



Smoke **Barrier Wall** 

#### 7. Evacuation of Smoke Compartment

Smoke Barrier Doors not shown for clarity If fire gets worse, move to next smoke compartment (through smoke barrier doors)

Smoke Barrier Wall

> Part of RAC<u>E</u>: Evacuation Preparation

#### 8. Prep for floor & building evacuation



Get ready, if fire gets worse, to move to (a) Next smoke compartment (b) Another floor (c) Out of the building

#### 9. Extinguishment of fire



Use portable extinguisher ONLY if (a) Trained (b) Fire is small (c) Patients already moved away (d) RACE is completed

#### **10. Use of Code Phrase**



"Code Red" "Mr H" "D_{octor} R_{ed}"

"Red Party"

#### **10. Use of Code Phrase**



"Code ^{Red"} "D_{octor} Red" "Code 99"

"Red Party"

Use designated phase (NOT "fire") when (a) Need help when discovered a fire (b) Fire alarm sys is inoperable

#### **10. Use of Code Phrase**



"code Red" "D_{octor Red}" "Code 99"

"Red Party"

Use designated phase (NOT "fire") when (a) Need help when discovered a fire (b) Fire alarm sys is inoperable

#### When staff hear the code phrase, they must

- Activate the nearest fire alarm pull
- Immediately execute fire duties

#### 18/19.2.3.4(4)(b) -FIRE SAFETY PLAN shall include:

#### *Relocation of equipment from cor*ridors during a fire



#### 18/19.2.3.4(4)(b) -FIRE SAFETY PLAN shall include:

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# Remove obstructions from exit access corridors

#### 18/19.2.3.4(4)(b) -FIRE SAFETY PLAN shall include:

#### *Relocation of equipment from cor*ridors during a fire

# Remove obstructions from exit access corridors

# Fire Dept must review LTC Plans

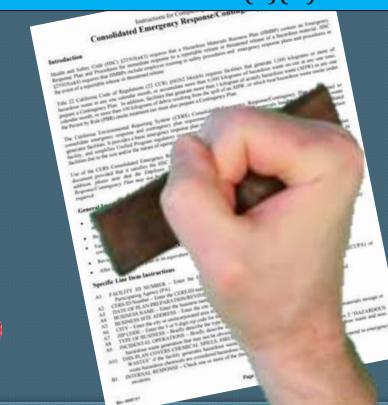


Res. Marriel



141

### Fire Dept must review LTC Plans DHS 132.92(3)(c)2





### Fire Dept must review LTC Plans DHS 132.92(3)(c)2



Res. Married

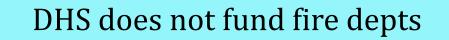


However, many <u>do not</u>like to review plans

# Tips to Get Fire Dept to review plan:

Avoid terms like "certification"
 Understand the limits on FD manpower
 FD are concerned on liability





## Tips to Get Fire Dept to review plan:

Avoid terms like "certification"
 Understand the limits on FD manpower
 FD are concerned on liability
 Request far in advance
 Link Plan review with Inspection form
 If FD still doesn't, hire a private reviewer



#### DHS does not fund fire depts

## Tips to Get Fire Dept to review plan:

#### Link Plan review with Inspection form

#### **REPORT OF FIRE SAFETY INSPECTION**

The undersigned official fire department representative hereby certifies that he has conducted a fire safety inspection at the above named facility on the date shown. If violations of appropriate codes were observed on date of inspection, the administrator of the facility shall have in his/her possession a copy of any related written orders or directives served upon him by the official inspecting agency.

The fire department representative also certified that he/she (or another representative of his department) has examined that required written fire evacuation plan for the above named facility. If the plan is deemed adequate, it shall be so noted below; if deemed not adequate, copies of any written recommendations for correction shall be in possession of the administrator of the facility.

	VIOLATIONS FOUND		EVACUATION PLAN-OK			
ate of nection	Yes	No	Yes	No	Signature of Inspector	Agency Represented
-						

## Tips to Get Fire Dept to review plan:

#### Link Plan review with Inspection form

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			EVACUATIO	ON PLAN-OK	ſ	
Yes	No		Yes	No		Agency Represented
		I			Ī	
		l			I	
					I	
	Yes	VIOLATIONS FOUND Yes No				Signature of

## Want your Fire Plan to PASS?

#### 1. Cover the 10 required items

## Want your Fire Plan to PASS?

#### FIRE PLAN CHECKLIST

- 1. Use of <u>alarms</u>
- 2. <u>Transmission</u> of alarm to fire dept
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#### 1. Cover the 10 required items

# Want your Fire Plan to PASS?

#### **FIRE PLAN CHECKLIST**

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1. Cover the 10 required items

2. Use the required items as headings (so easy to find)

3. Keep the plan short, so quick to digest

## **Example Fire Response Plan**

Original Date: mm/dd/y000

FIRE REPONSE PLAN

Establishes procedures for one drifts, Defines the expectations for staff and volunteers for fire response education.

and 4. Establishes procedures for the monitoring, evaluation, and revision of the plan.

1. All staff and volunteers shall know and implement fire response policies and

procedures, participate in fire drills, and attend educational sessions on fire

2. Response to Discovering a Fire. Any staff member or volunteer who discover

IF YOU DISCOVER A FIRE Follow R.A.C.E. procedures, individually or as a team.

R Rescue Remove all people in the same room as the fire. If any

person requires rescue, the discoverer shall go to the aid of that person, calling aloud "code red" (or other code phrase) for a

C Contain. Close the door to the room of the fire and adjacent rooms on both

compartment (if ordered) and/or Extinguish the fire only if you have

SMOKE (hosine/above/below) SMOKE

A Alarm: Pull the nearest fre alarm station AND call 52828 to provide the precise room location and a brief description of the free situation.

E Evacuation/Extinguish: Prepare to Evacuate to the adjacent smoke

 <u>Response to an Alarm</u> All staff and volunteers, when notified of a "Code RED". been trained and can do so safely.

and congregate at a location that is identified in the department specific

shall immediately initiate fire response procedures, based on their proximity to shall immediately milliare life response procedures, based on their proximity to the fire scene. Note: In Business Occupancies, staff should evacuate the building

a fire, regardless of its size, shall immediately use the RACE procedures,

#### **FIRE PLAN**

- 1. Use of alarms
- 2. Transmission
- 3. **Emergency** Cal
- <u>Response</u> to ala 4.
- 5. Isolation of fire
- 6 Evacuation of im
- 7. Evacuation of sm
- 8. Prep of floors & b
- 9 Extinguishment o
- 10. Use of Code Phras

**Available for FREE at:** To implement and maintain a comprehensive fire response plan for the health care www.Lauzon-LSC.com Establishes effective and efficient response procedures fire emergencies,

#### During Nov 2019



#### 18/19.7.1.2 – <u>EVACUATION & RELOCATION PLAN</u> *Periodic instruction of all employees on their duties*

Same Requirements in both New & Existing



18/19.7.1.2 – <u>EVACUATION & RELOCATION PLAN</u> *Periodic instruction of all employees on their duties* 

18/19.7.182 – <u>EVACUATION & RELOCATION PLAN</u> *Instruction of all employees on life safety procedures and devices* 

Same Requirements in both New & Existing

## **Mandatory Training Requirements**

1. Staff Duties - Use & Response to Alarms

154

2. Life Safety Procedures

3. Life Safety Devices



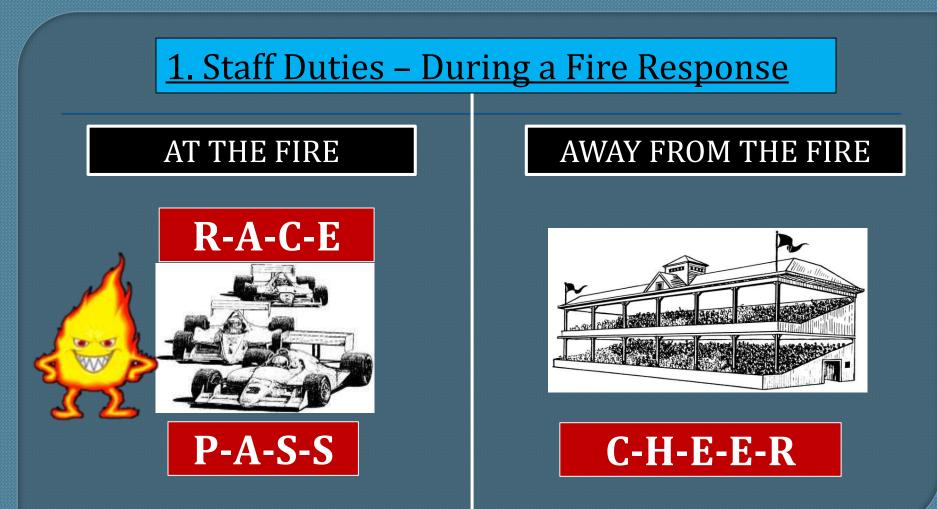
#### 12. Staff Knowledge & Training.

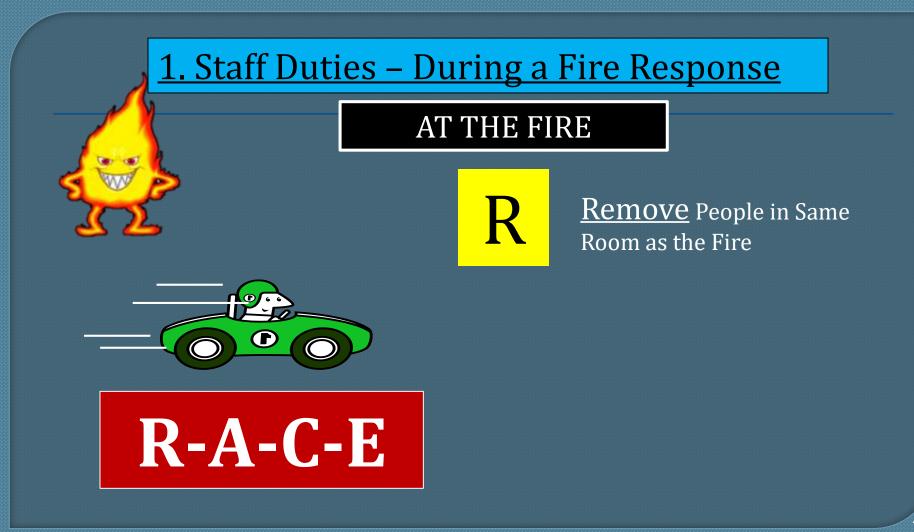
- All employees shall be periodically instructed and kept informed with respect to their duties under this plan. All staff and volunteers are expected to know the following basic fire response information.
- Fire Response Plan and Procedures
- Location and operation of fire alarm pull stations: located at all fire exits and instruction for activation on each station.
- Location of smoke compartments, fire exits and stairwells in their normal place of work:
- In fire situations DO NOT USE ELEVATORS.
- Evacuation procedures / routes: per Emergency Evacuation Policy xxxx
- Only trained staff shall use fire extinguishers. Patient care staff priorities are patients, visitors, and staff.
- Location and operation of oxygen shut-off valves (if applicable)
- Department/unit specific fire plan (i.e., know the specific hazards present due to the type of operations performed or patient served in the department, and the procedures developed to mitigate those hazards in a fire emergency).

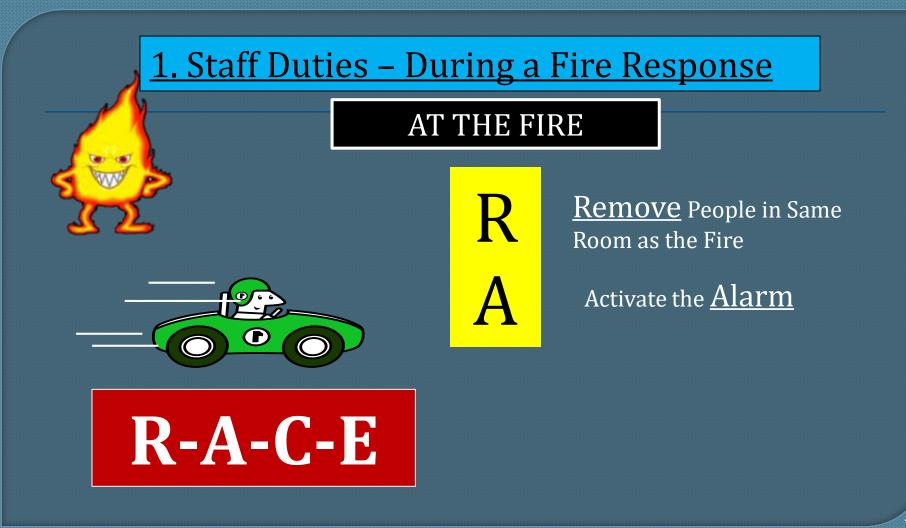
Train based on your Fire Plan

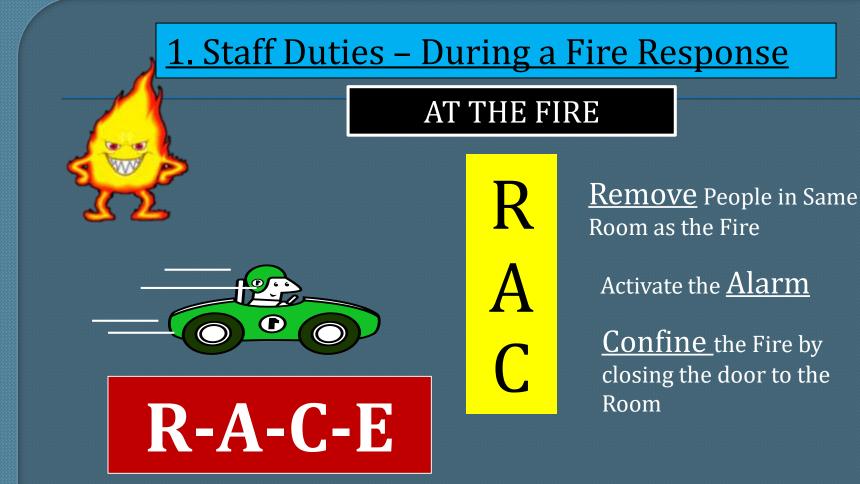
Make sure <u>each</u> of your topics is covered in your training

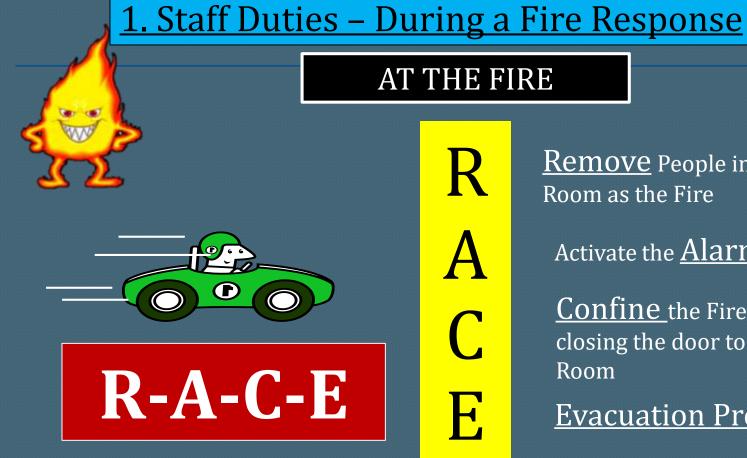
# 1. Staff Duties – During a Fire Response AT THE FIRE R-A-C-E P-A-S-S









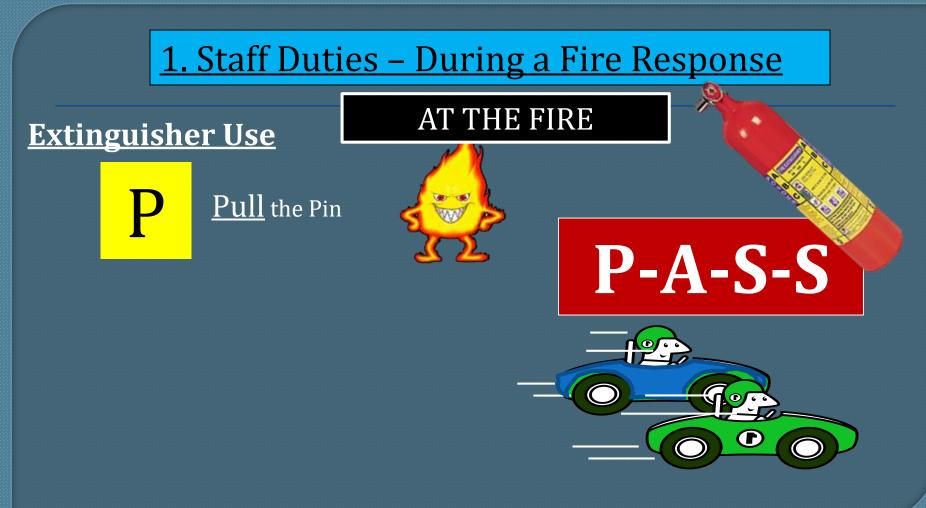


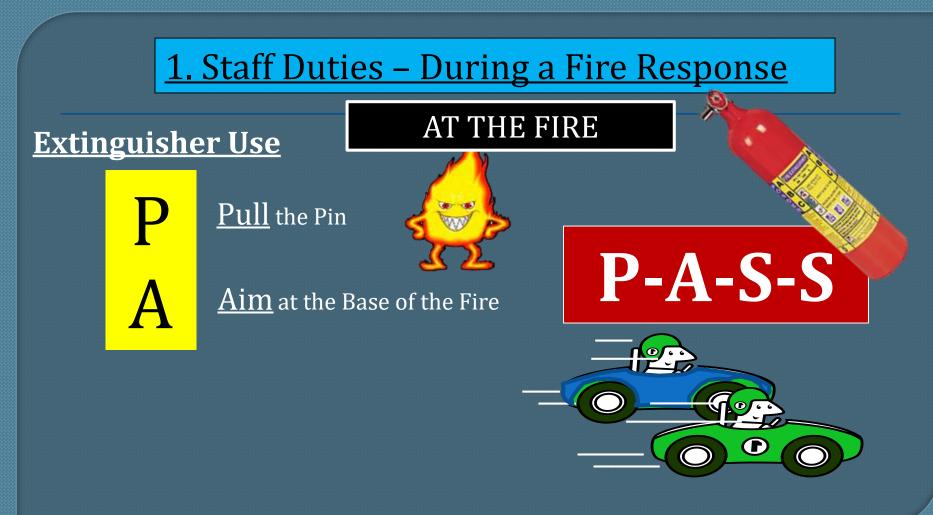
Remove People in Same Room as the Fire

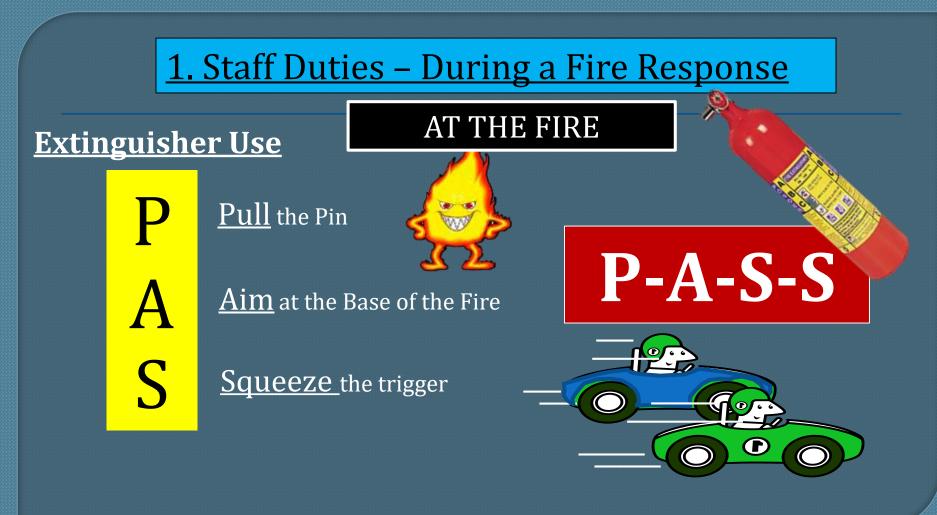
Activate the <u>Alarm</u>

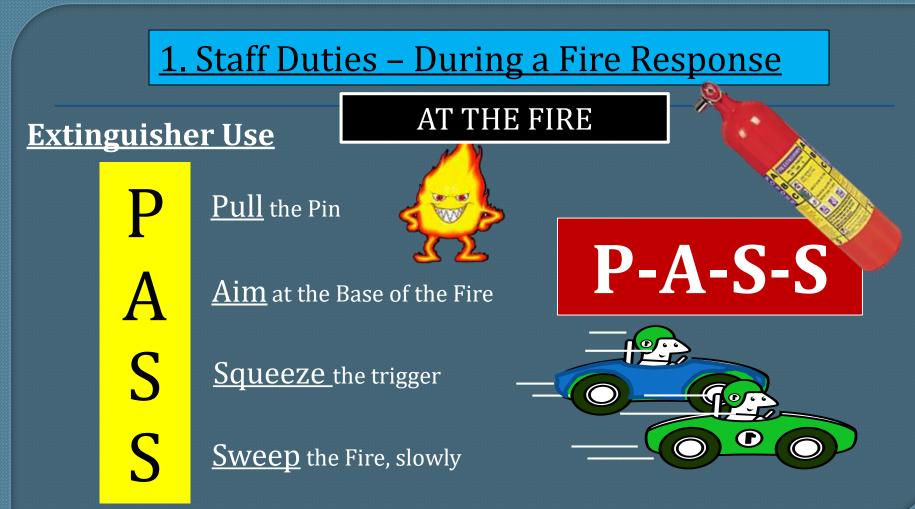
<u>**Confine**</u> the Fire by closing the door to the Room

**Evacuation Prep** 

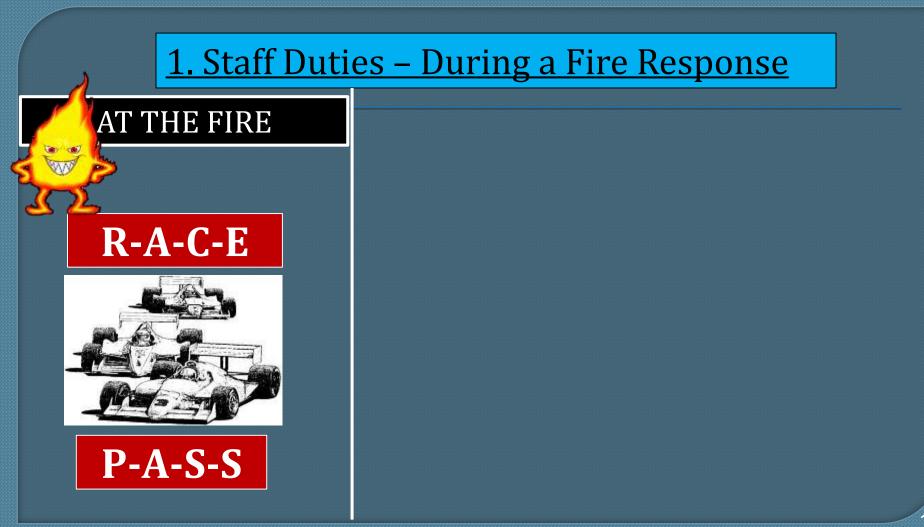


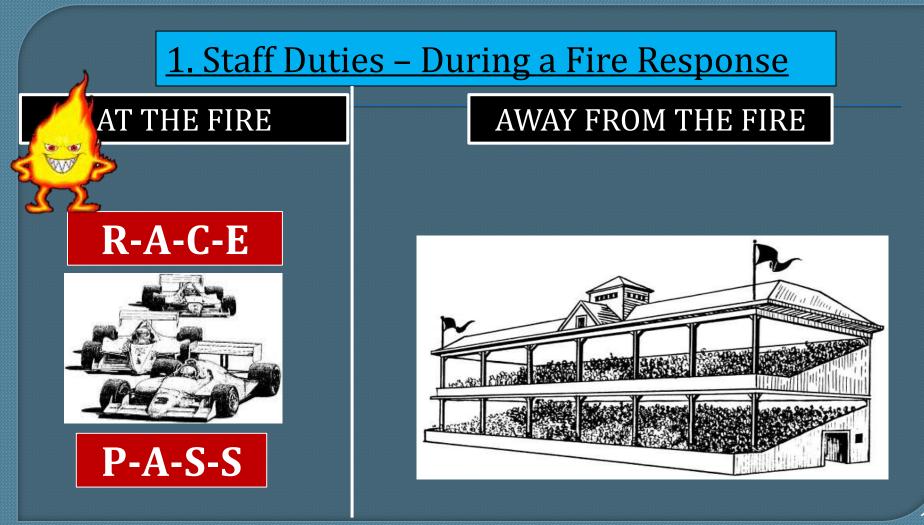






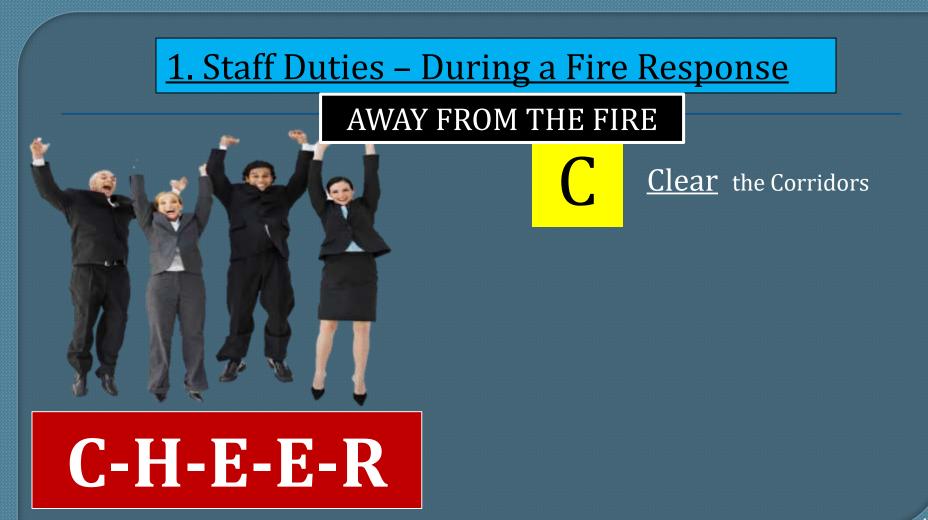












#### AWAY FROM THE FIRE

<u>Clear</u> the Corridors

Help_neighbor zone



#### AWAY FROM THE FIRE

F.

<u>Clear</u> the Corridors

<u>Help</u>neighbor zone

173

Extinguisher brought

# C-H-E-E-R

#### AWAY FROM THE FIRE

E

<u>Clear</u> the Corridors

 $\underline{Help}$  neighbor zone

<u>Extinguisher</u> brought

Encourage Patients & Visitors

174

# C-H-E-E-R

#### AWAY FROM THE FIRE

E

F.

<u>Clear</u> the Corridors

 $\underline{Help}$  neighbor zone

<u>Extinguisher</u> brought

Encourage Patients & Visitors

Relocate Prep

175

C-H-E-E-R



#### DEPT SPECIFIC TASKS



**1. Staff Duties** 

#### DEPT SPECIFIC TASKS

#### Training Usually given during Dept meeting

#### **Cover such thing as:**

- Who clears the corridors
- How to mark cleared rooms
- Who moves med charts & meds
- Special dept tasks

### **Mandatory Training Requirements**

1. Staff Duties - Use & Response to Alarms

2. Life Safety Procedures

## 2. Life Safety Procedures

#### 1. Explain

#### **DEFEND-IN-PLACE**!



## 2. Life Safety Procedures

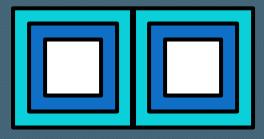
1. Explain

#### 2. Explain

#### **DEFEND-IN-PLACE** !







### 2. Life Safety Procedures

1. Explain

#### 2. Explain

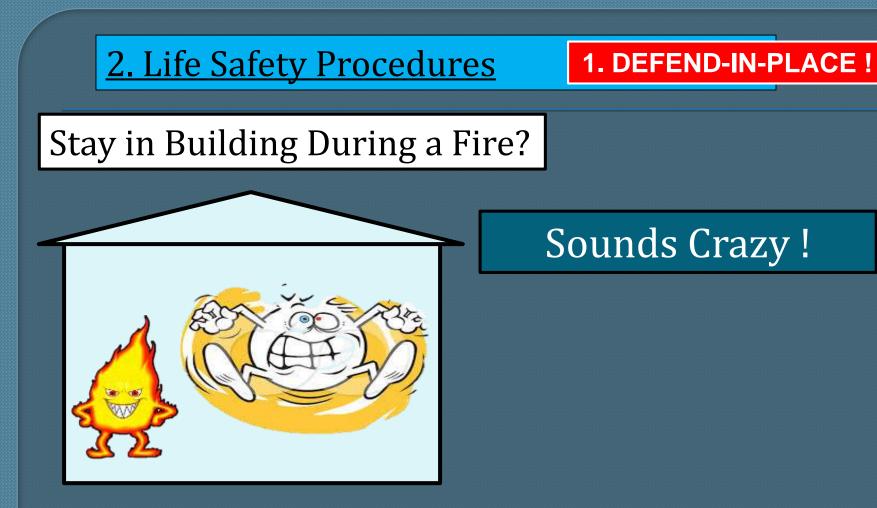
#### **DEFEND-IN-PLACE** !

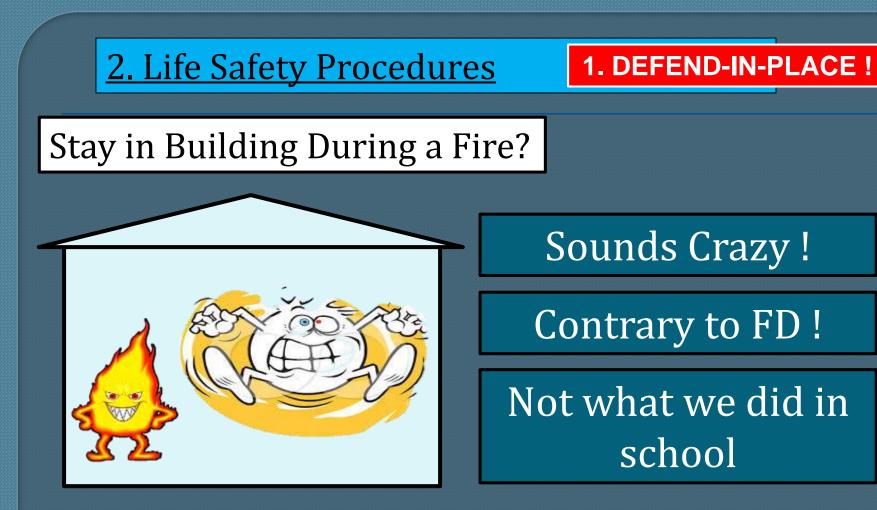


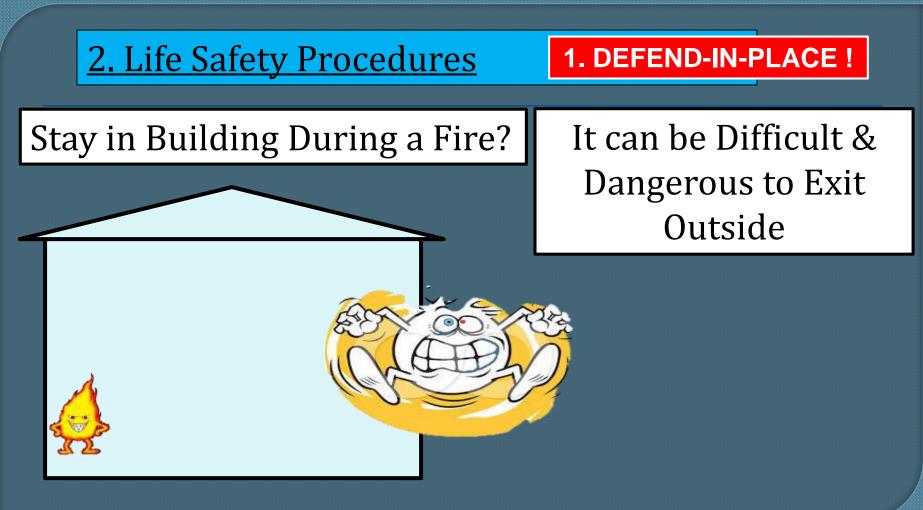
**COMPARTMENTALIZATION !** 

3. Review

**Your Evacuation Procedures** 







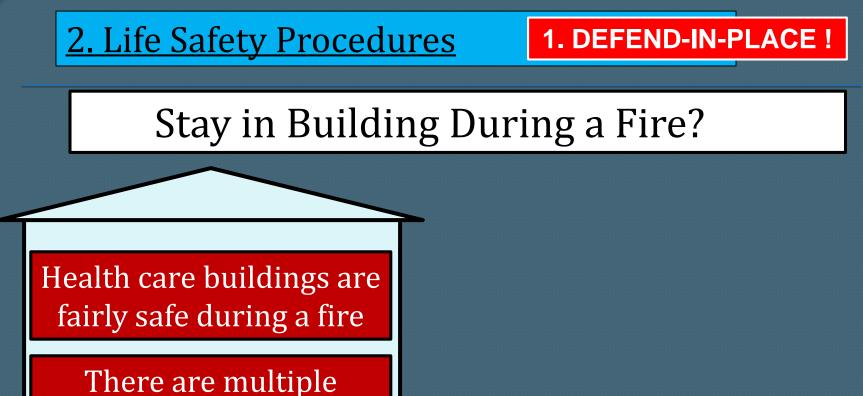
### 2. Life Safety Procedures

#### 1. DEFEND-IN-PLACE !

Stay in Building During a Fire?

It can be Difficult & Dangerous to Exit Outside

- 1. Injury during moving
- 2. Medication disruption
- 3. Keeping track
- 4. Outside weather
- 5. Potential lost patients



layers of protection



1. DEFEND-IN-PLACE !

# Stay in Building During a Fire?

Health care buildings are fairly safe during a fire

There are multiple layers of protection

#### Health Care Has:

Rated Construction-Walls & Floors Exit Access Corridors Restrictions on Combustibles Emergency Power Full Fire Alarm Sprinklers Trained Staff Fire Drills Fire Plan & Drills 2. Life Safety Procedures

1. DEFEND-IN-PLACE !

# 

Health care buildings are fairly safe during a fire

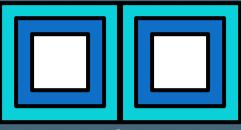
There are multiple layers of protection

#### Health Care Has:

Rated Construction-Walls & Floors Exit Access Corridors Restrictions on Combustibles Emergency Power Full Fire Alarm Sprinklers Trained Staff Fire Drills Fire Plan & Drills

### **<u>2. Life Safety Procedures</u> 2. COMPARTMENTALIZATION**

### Staff MUST know about:

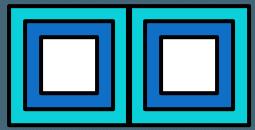


Boxes within Boxes Slows down Fires

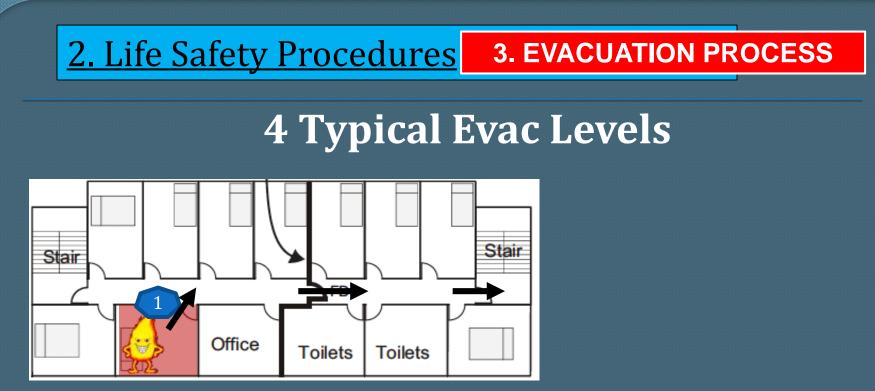
### **<u>2. Life Safety Procedures</u> 2. COMPARTMENTALIZATION**

## Staff MUST know about:

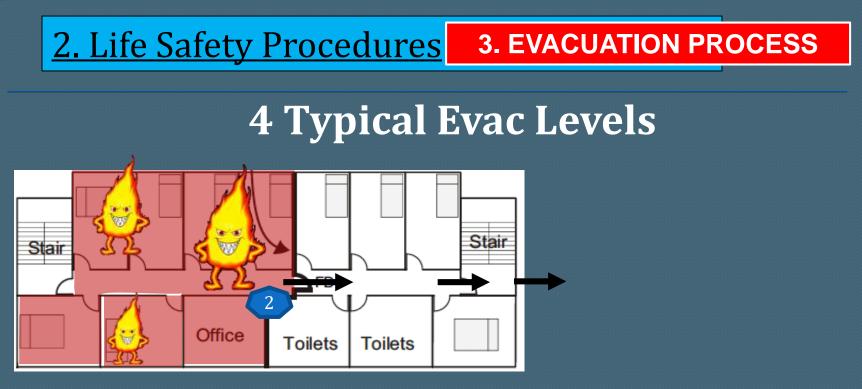
- Smoke Compartments
- Smoke Barriers
- Rated Walls & Doors
- Hazardous Rooms
- Automatic Door Closers



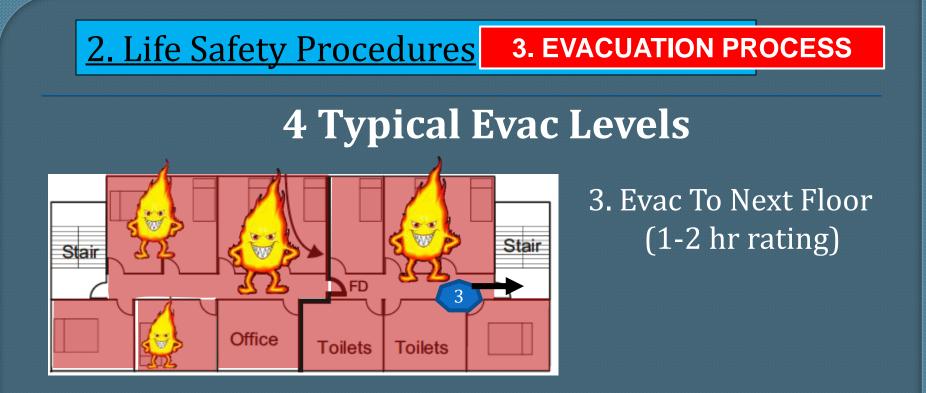
Boxes within Boxes Slows down Fires

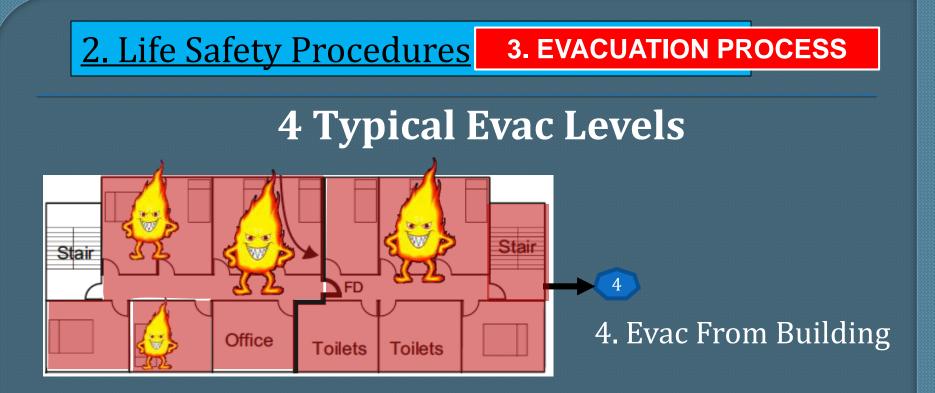


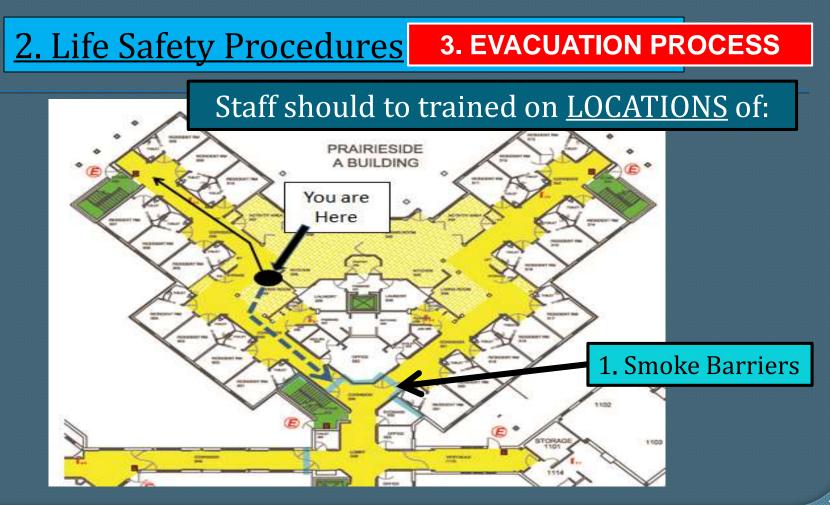
1. Evac From Room with Fire (Race)

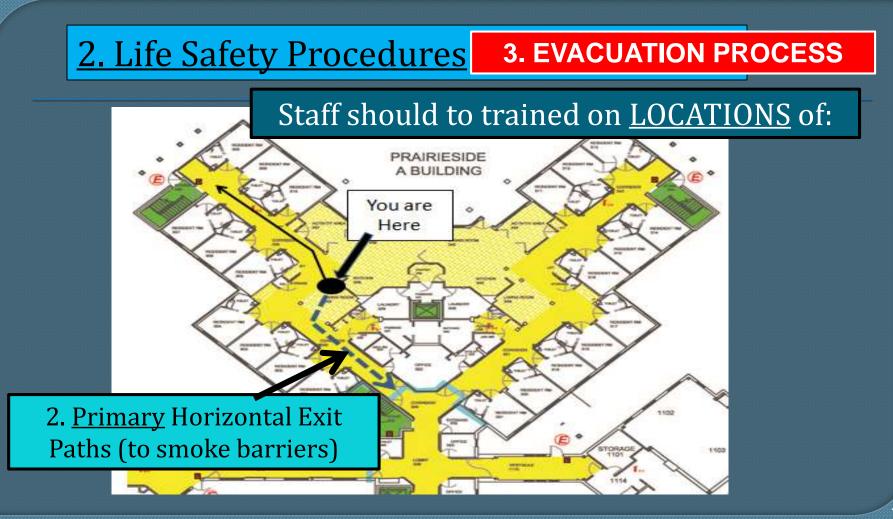


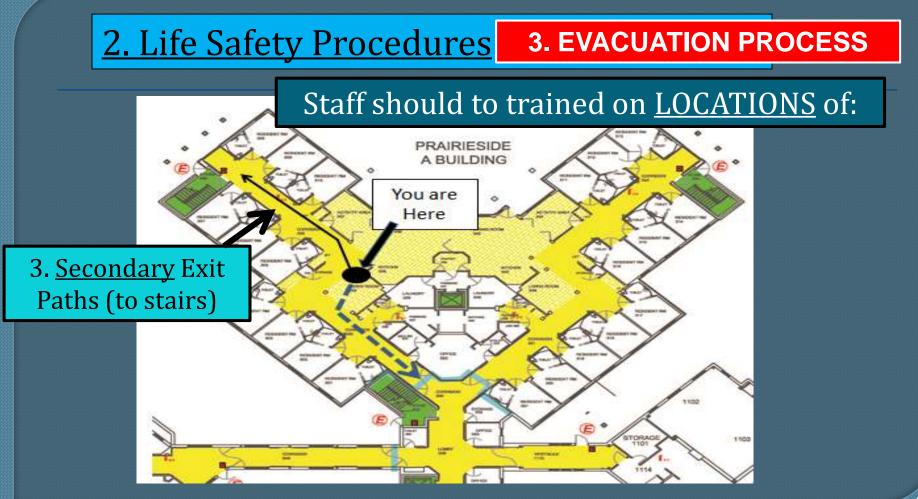
2. Evac To next Smoke Compartment (1 hr rating)













### **2. Life Safety Procedures**

#### **Evacuation Procedures**

# In fire situations, DO NOT use elevators why Not?



- Stranded if Loss of Power
- Elevator Buttons may "fuse" in a fire & cause elevator to go to the fire floor
- Smoke in the shaft
- Very slow method to evac large numbers

# Part 3 - Fire Training

### **Mandatory Training Requirements**

1. Staff Duties - Use & Response to Alarms

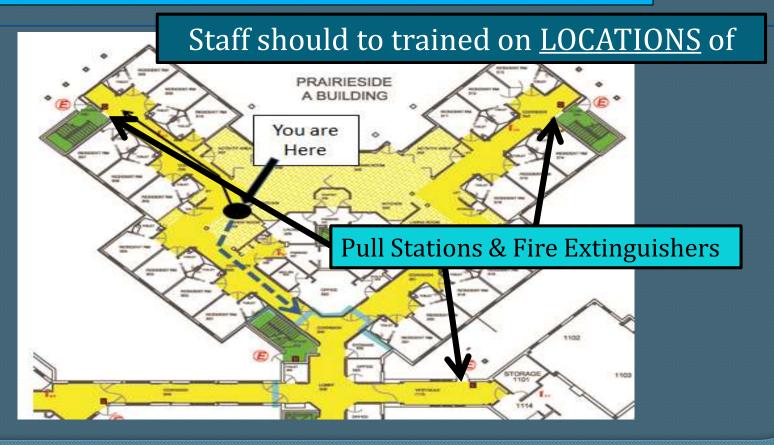
200

2. Life Safety Procedures

**3. Life Safety Devices** 

### 3. Life Safety Devices

#### **Device Locations**





**Device Obstructions** 

#### Don't restrict access to a fire alarm pull station

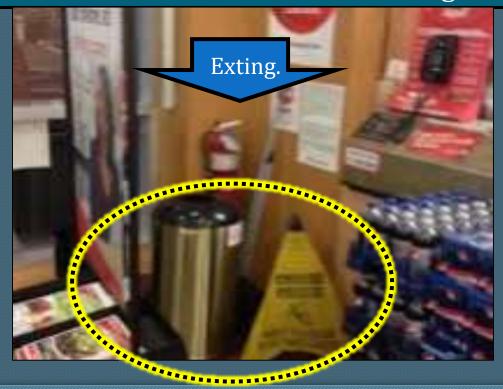




**Device Obstructions** 

203

#### Don't restrict access to a fire extinguisher



### 3. Life Safety Devices

#### **Sprinkler Obstructions**

#### <u>Don't</u>

#### Hang things from sprinklers or their pipes







#### **Sprinkler Obstructions**



#### Stack things within 18" below sprinkler heads





#### **Door Blockage**

#### Don't prop open any door with a closer





#### **Door Blockage**

#### Don't prop open any corridor door





#### **Med Gas Valves**



Know their <u>LOCATIONS</u> <u>& How/When</u> to operate Med Gas Zone Valves



# Part 3 - Fire Training

### **Mandatory Training Requirements**

Have Training Documents on hand

### Have Training Documents on hand

#### IN-SERVICE TRAINING RECORD

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And and a contempo	Byound Dank	-	

### Have Training Documents on hand

IN-SERVICE TRAINING R RETAIN FOR THREE YEA	
Presented By 2017	100m 1125
1 Takulo Rill Aurears	Training topic = Required topics
Ren Ro	
ENA CNA	Mandatory Training
Peters	Requirements           1.Staff Duties
And the second s	2.Life Safety Devices
Dielary	3.Life Safety Procedures
Registered Benha	



#### **Presented by**

Lauzon Life Safety Consulting

### **1.Fire Drills**

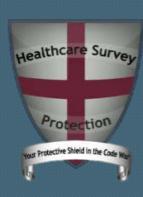
- Codes
- Documents

### **2.Fire Plans**

- Codes
- Documents
- **3.Fire Training** 
  - Codes
  - Documents

What Regulators Expect with

**Fire Drills & Fire Plans** 





#### **Presented by**

Lauzon Life Safety Consulting

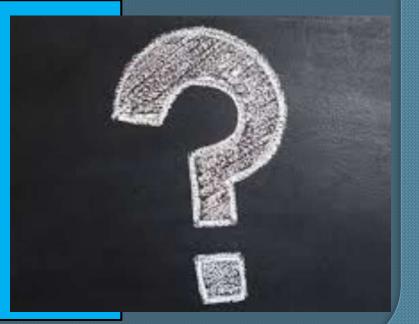
### **1.Fire Drills**

- Codes
- Documents

### **2.Fire Plans**

- Codes
- Documents
- **3.Fire Training** 
  - Codes
  - Documents

### What Regulators Expect with Fire Drills & Fire Plans





### Welcome to the WHEA's Lunch & Learn Nov 2019

Presented by Lauzon Life Safety Consulting What Regulators Expect with Fire Drills & Fire Plans

