



NY Fire Consultants, Inc. Fire Safety Message

www.NYFireSafe.com

212-239-9051

info@nyfiresafe.com

September 2008

BullsEye™ Digital Fire Extinguisher Training System

As we approach the fall season and a new year for the NY Fire Safety Institute, there is excitement in the air. We here at NY Fire Safety Institute, and in conjunction with BullEx Digital Safety are proud to announce that we will be the very first company in New York City to have digital fire extinguisher training. This is cutting edge technology that will change the way fire extinguisher training is presented to the general population.



Since we have started NY Fire Consultants in 1999 we have been asked by many of you to have more hands-on-training. More hands on fire extinguisher training to be specific. Well we have heard you and we are responding to your requests.

You can now ensure that the contractors working in your buildings, your employees or

staff, your tenants, and most importantly your families and loved ones, are proficient in the use of fire extinguishers. OSHA requires that if you have fire extinguishers in your work place then your employees must receive annual training. This will ensure safety for all in your buildings. It is amazing to us that most people are not familiar with the proper usage of a fire extinguisher or the correct type of extinguisher to use. Prior to this cutting edge technology this was only possible in an outside controlled environment because of the mess that would be made with the water or dry chemical. That is now a thing of the past. With laser beam technology you can now experience real life use of a real extinguisher and actually put out a fire in your office, hotel, your community group meeting, or more importantly in your home. Sound impossible? Well it is not.

See the following article written by two of the BullEx Digital safety instructors. This exactly mirrors our feelings as Retired Professional Firefighters. This training will save lives. If you are interested please contact us at 212-239-9051 or by e mail. To watch the video on the BullsEye™ Digital Fire Extinguisher Training System go to:

www.nyfsi.com/fire_extinguisher.html

Beyond Compliance

By Simon Balint, Ryan O'Donnell · June 2007 Occupational Health & Safety magazine

Comprehensive fire extinguisher training programs create a safer workplace.

As many are well aware, OSHA requires that employees be educated in the use of fire extinguishers every year. Specifically, OSHA 29 CFR 1910.157(g) states: "Where the employer has provided portable fire extinguishers for employee use in the workplace, the employer shall also provide an educational program to familiarize employees with the general principles of fire extinguisher use and the hazards involved with incipient stage fire fighting."

While offering fire extinguisher education to your employees ensures regulatory compliance, there are also a number of important reasons why a comprehensive fire extinguisher training program should be a central element of any complete work safety regimen. Fires have a nearly unmatched potential for loss of property and loss of life. Nationwide, fires account for more than \$10 billion in property loss each year and result in more deaths than all natural disasters combined.¹



In 2005, there were more than 80,000 non-residential structural fires at businesses, institutions, and educational and public facilities, with almost one person killed every weekday by fire at work.² But while fires continue to pose a real and significant threat, there exist readily available tools at virtually every work site that can be used to combat this danger. Portable fire extinguishers are an almost universal tool that in the hands of a properly trained individual can effectively address most fire situations. The key opportunity and challenge is to develop ways to educate employees about the fire safety resources that are available at their place of work and to train them how to properly identify, assess, and respond to a fire situation.

Why Fire Extinguisher Training is So Important

In most basic terms, fire extinguishers work! In fact, 94 percent of all fires are extinguished by portable fire extinguishers.³ Fire extinguishers are an important safety tool located throughout the work site, but like any tool, proper training is needed to support safe and effective usage. Trained individuals are 250 percent more effective in extinguishing fires than those who are unfamiliar with fire extinguishers.⁴ Trained employees are given the confidence they need to respond to an emergency situation and are more likely to remember and follow the specific emergency protocols their company has established. Portable fire extinguishers are designed for incipient stage fire fighting. Fundamentally, fire training is both about how and when to utilize portable fire extinguishers. Trained employees

will be better able to assess fire risk so as to determine when the use of the fire extinguisher is appropriate and when it is not. Confronted with a fire emergency, untrained individuals are more likely to use the wrong type of portable extinguisher or may even attempt to fight a fire with "homemade" tools such as jackets, buckets of water, or potted plants. This type of response often only increases the scope of the fire situation and heightens the risk to them and others. Untrained employees can enhance the threats to themselves if they do try to take action but do not fully understand how to identify and use the proper tools that are available.

Employee safety is always the first concern, and with this in mind, some safety officers institute an evacuation-only policy rather than look at ways to have employees be prepared to use the fire extinguishing aids that are available throughout the workplace. A blanket evacuation-only emergency plan can fail to recognize the realities of many fire incidents. In an actual fire situation, evacuation is not always an option. Extinguishers can be used to create a means of egress when paths are otherwise blocked by fire. They also can be used to reach or respond to personnel in immediate danger.



Fire extinguishers can play a key role in minimizing business losses. By combating fires before they become large-scale emergencies, property losses and downtime can be greatly reduced or eliminated. Finally, fire extinguisher training is a fundamental life safety skill that can extend well beyond the immediate job site. Four out of five fire-related injuries and deaths occur in homes, and a fire

extinguisher training program will enhance the overall safety of your employees, both on and off the clock.

Elements of a Comprehensive Training Program

Each fire extinguisher training program should be tailored to the specific realities of the given work site and adjusted within each organization for different groups of personnel, depending on the threats they face. Still, a comprehensive program should include several common elements.

1. Describe the basic sources of fire and various ways of stopping the combustion process. Fires are a chemical reaction that occurs when fuel, oxygen, and an ignition source combine. Fire extinguishers work by removing one or more of these sources with different extinguishers working in different ways.
2. Describe the types (classes) of fires and the extinguishers that should be used in each situation. Many fire extinguishers are designed for use on specific types of fires.

Using a fire extinguisher that does not match the class of fire at hand can actually increase the fire hazard and endanger both the user and those around him.

3. Teach how to identify an extinguisher, including the class and size of fire it is designed to combat. Help your employees identify the actual extinguishers that can be found around their place of work. Have employees point out and pick up the extinguishers they could be using in an emergency situation.
4. Focus on assessing and measuring fire risks. Because portable fire extinguishers are designed for insipient stage firefighting, employees should be familiar with how to properly assess a fire situation. Many metrics can be used. One, often cited, is that individuals should not use a portable fire extinguisher to combat fires larger than themselves. Other considerations used in making a "fight or flight" assessment include the location of the fire; levels of heat, smoke, or fumes; and the availability of sufficient egress routes.
5. Ensure employees understand how the use of fire extinguishers fits into the overall emergency response protocols for your organization. Many response plans require that the first step in a fire situation is to provide an alert. The familiar P.A.S.S. technique (Pull, Aim, Squeeze, Sweep) could be modified to A.P.A.S.S.--with "Alarm" (yelling fire, calling safety personnel, or pulling an alarm) as the first true action step.
6. Most important, train employees on the operation of fire extinguishers. Nothing compares to actual practice. Hands-on training is by far the most successful way to familiarize someone with extinguisher usage. Watching a video or providing a classroom demonstration is no substitute for seeing a fire, reaching for an extinguisher, pulling the pin, and squeezing the trigger yourself. Hands-on training engages trainees because they are able to put the learning elements of the classroom into practice, and new learning points are uncovered through the hands-on experience. Most employees who haven't actually used an extinguisher are amazed at how little discharge time one has. A standard 10lb ABC extinguisher provides just 20 seconds of discharge. Training not only builds confidence, it also breaks down overconfidence. Hands-on training helps employees further assess risk and appreciate the limits of portable extinguishers.

References

1. NFPA, Fire Loss in the United States During 2005 Full Report
2. Ibid. NSC, 200 killed by work related fires in 2005
3. NAFED
4. NAFED

About the author

Simon Balint

Simon Balint is the Chief Administrative Officer of BullEx Digital Safety, a provider of world-class fire training simulators and aids. Simon has worked for over a dozen years as a professional trainer and educator both within the United States and internationally. He has served as an Adjunct Professor at Rensselaer Polytechnic Institute and the State University of New York. He has developed and delivered a variety of course work including fire extinguisher training curriculum to Fortune 100 and leading multinational corporations.

About the author

Ryan O'Donnell

Ryan O'Donnell is the Co-Founder and Chief Executive Officer of BullEx Digital Safety. Ryan has founded two award winning companies providing fire and life-safety products and services world-wide. Ryan draws from his experience in the fire service where he was a decorated chief officer responsible for developing fire prevention programs, overseeing training operations as well as acting as incident commander at emergency scenes. He holds numerous certificates from the National Fire Academy and New York State Academy of Fire Science.

High Rise Office Buildings

Fire Brigade Training

Fire Brigade training is the responsibility of the Fire Safety Director (FSD). Training sessions will ensure best communications between FSD and brigade members during an emergency. Advanced scheduling and written notice ensures effective training.

Topics for training include:

1. Use of extinguishers
2. Review class of fires
3. Exit familiarization (means of egress)
4. Location of alarm boxes in and outside the building
5. All should know building layout

Materials and Methods:

- Handouts – Videos – Group activities
- Q and A – Review the Fire Safety Plan
- Critique of Session - Survey of delivery effectiveness



International Protective Service Agency

A division of International Protection Group, LLC

16 Penn Plaza, Suite 1570 New York, NY 10001 (800) 947-5826 (212) 947-1681

If you are looking for Fire Safety Directors or Fire Guards with Fire Department issued Certificates of Fitness, call IPGA. Tell them NY Fire Consultants sent you.



Flammable & Combustible Liquids

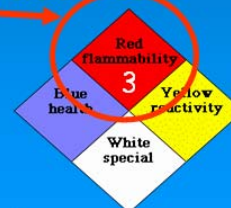
How do I tell what's flammable?

NFPA classification system

- The NFPA diamond is an easy way to determine the safety risks associated with hazardous materials. To determine a materials flammability refer to the **red section** of the diamond. A number in this section will indicate the flammability rating of the material.

The following numbering system is used to indicate flammability

- 0 will not burn
- 1 must be preheated to burn
- 2 ignites when moderately heated
- 3 ignites at normal temperature
- 4 extremely flammable



NFPA Diamond

NY Fire Consultants



FIRE DEPARTMENT

250 LIVINGSTON STREET BROOKLYN, N.Y. 11201-5884

BUREAU OF FIRE PREVENTION

July 24, 1991

HI RISE UNIT FIRE ALERT BULLETIN II

Attention: Fire Safety Director

Subject: *office Bldg ONLY*
Building Evacuation Supervisor

The Bureau of Fire Prevention has received reports relative to the lack of training of individuals functioning in the capacity of Building Evacuation Supervisors. At recent fire operations their knowledge of the building systems such as Class "E" Alarm, HVAC, elevators, etc. was so limited that they were unable to properly man the Fire Command Station and direct evacuation of the occupants as provided in the Fire Safety Plan.

You are reminded by this office that as Fire Safety Director one of your primary duties is the training of the Building Evacuation Supervisor. You are responsible for their activities. In the future, if Fire Department units find Building Evacuation Supervisors not capable of performing their required duties, the Fire Safety Director may be required to appear for a hearing to determine if their Certificate of Fitness should be revoked.

I know you realize the importance of a properly trained Building Evacuation Supervisor and will continue to assist this Department in its fire safety program.

Robert E. Mowbray
Chief of Fire Prevention

REM/yj
Hi-Rise

NY Fire Safety Institute

NY Fire Safety Institute, an accredited Fire Safety Directors Training school, offers classes for the New York City Fire Department Certificates of Fitness as Fire Safety Director and Emergency Action Plan Director.

The Institute will provide professional, cost effective classes where hotels and office buildings employees can attain the knowledge needed for their Certificate of Fitness. All instructors are active or retired Fire Department chief officers, captains, and lieutenants.



FSD

The course for the Fire Safety Directors consists of six sessions. They will now run the first three Tuesdays and Thursdays of each month. Classes start September 2, 2008.

The Saturday classes are 4 (four) consecutive Saturdays. The Saturday classes have stopped for the summer and will resume September 6, 2008. Candidates must attend all classes to receive a school diploma. See registration form on page 11.

FSD Classes in Queens

If you are interested in taking the Fire Safety Directors course in Queens, contact Robert O'Brien at 212-239-9051 for more information.

EAP

The course for the Emergency Action Plan Directors consists of two sessions. They run the fourth Tuesday and Thursday of each month. The first fall EAP classes will be September 23rd and 25th. See registration form on page 12

EAP Online

If you do not have the time to attend the school in person, the Emergency Action Plan Directors course is available online. Take the online course at home, in the office or anywhere you have internet access. The details to the online course can be found at <http://nyfsi.com/workshops.html#f59online>

Training

As a business owner or manager, you have the responsibility of ensuring that your staff understands the safety risks present within the workplace. You are also required to ensure that they are equipped with the knowledge and skills to handle a potentially dangerous situation. Training can prepare your staff by enabling them to prevent or safely respond to such situations.





CityFile was founded by building management professionals to assist owners, managers and on site personnel in the organizing and tracking of critical time sensitive information. We at CityFile understand the challenges of building management. Whether you manage one building or 1000, CityFile can help you stay on top of building compliance while avoiding unnecessary penalties.

City and State laws require building owners to periodically inspect, renew and track dozens of building certificates and inspections. Failure to do so can result in thousands of dollars in fines being levied against your building.

CityFile will put an end to unwanted fines and help insure that your building is in compliance with all applicable rules and regulations.

Auto Alerts CityFile tracks each certificate and notifies you well in advance of expirations online and through email.

Fire Safety and Awareness Training

Registration forms on page 11 and 12

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Tuesdays & Thursdays
 Tuesdays & Thursdays
 Wednesdays AM
 Wednesdays PM
 Saturdays Mornings
 Queens Mornings</p> | <p>Fire Safety Director (1st three weeks of a Month)
 Emergency Action Plan Director (4th week of a month)
 Residential Fire Safety Awareness (call for schedule)
 Residential Non-Fire Emergencies (Call for schedule)
 Fire Safety Director
 Fire Safety Director Call 212-239-9051</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NY Fire Consultants Services:

<p><u>Fire and Life Safety Consulting</u> Fire and Life Safety Inspections Fire Safety Plans for Residential Buildings (LL 10 of 1999) Fire Safety & Evacuation Plans Commercial (Class E) Buildings</p> <p><u>Emergency Action Plans</u> FDNY Submissions Training Drills</p> <p><u>Expert Witnesses Provided</u></p>	<p><u>Emergency Procedures Manuals Fire & Evacuation Preparedness Training</u> Hotel Staff Building Service Employees</p> <p><u>Interior Fire Alarms Consultants</u></p> <p><u>Violations Correction & Removal</u> Environmental Control Board Fire & Building Department Housing Preservation & Development</p> <p><u>Fire Consultantants Construction Protects</u></p>
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NY Fire Consultants, Inc. 481 Eighth Ave., Suite 1570, New York, NY 10309 212-239-9051

Fire Extinguisher Training (For more Information Call 212-239-9051)

Clean, Safe and Effective Fire Extinguisher Training

NY Fire Safety Institute now offers
Fire Extinguisher Training using the BullsEye Digital Training System



No Open Flame
Environmentally Safe



New Digital Technology provides realistic hands-on fire extinguisher training using advanced laser technology. The LED driven digital flames senses where the trainee sweeps the BullsEye Extinguisher and automatically varies the digital flames response.

OSHA Requires

If you have portable fire extinguishers in your work place and employees are expected to use them, they must receive annual hands-on Fire Extinguisher Training.

Sensing Control System

The Fire Extinguisher Training system is a revolutionary digital extinguisher training simulator. The advanced sensor technology detects where the user aims and sweeps the laser extinguisher and automatically varies the LED driven digital flames in response. This allows your trainees to learn how to effectively use a fire extinguisher without the cost and clean-up associated with using dry-chemical or CO2 extinguishers. The electronic control system responds to the trainees' actions, putting the fire out only when the extinguisher is used correctly.

Clean

The laser-driven extinguisher uses a conical laser to replicate extinguisher discharge rather than depending on a dry-chemical or CO2 extinguisher

Safe

Relies on LED driven digital flames and a laser fire extinguisher, eliminating any hazards associated with traditional fire extinguisher training

Effective

Provides a realistic and engaging training experience

Advantages

- Makes training to OSHA requirements safe and easy.
- Allows training to take place entirely indoors, in the actual work environment.
- Has the ability to grade users, making it easy to monitor improvement and proficiency.

If you are interested in taking the Fire Extinguisher Training course, contact Robert O'Brien at 212-239-9051 or 718-432-1600 for more information.



The New York Fire Safety Institute

481 Eighth Ave. Suite 1570, New York, NY 10001

Phone: (212) 239-9051 Fax: (212) 239-9052

www.nyfsi.com

Mail in Registration - Fire Safety Director Training Course

Student Name: _____ Employed by: _____

Work Address: _____ Supervisor: _____

Cell/Pager: _____ Work # _____

Email: _____ Work email: _____

Course fee Weekdays: \$240.00

Course fee Saturdays: \$260.00

Money Order Check (Company check only) Pay Pal verification # _____

Start date: _____ Amt. Enclosed: _____

Send checks or money orders to: NYFSI, 481 Eighth Avenue, Suite 1570, New York, NY 10001

Central location- Hotel New Yorker - West 34th St. & 8th Avenue (Suite 1570)

SCHEDULE OF CLASSES 2008. Please select Morning, Afternoon or Saturday Classes.

Course fee Weekdays: \$240.00

Course fee Saturdays: \$260.00

September 2008

Tues, 2	Thurs, 4
Tues. 9	Thurs. 11
Tues. 16	Thurs. 18

- Morning Class:
9:30 am to 12:30 pm
- Afternoon Class:
1:00 pm to 4:00 pm

Sept. 2008 Saturdays

Sept. 6	Sept 13
Sept 20	Sept 27

- Saturday Morning:
9:00 am to 1:00 pm

October 2008

Tues, 7	Thurs, 9
Tues. 14	Thurs. 16
Tues. 21	Thurs. 23

- Morning Class:
9:30 am to 12:30 pm
- Afternoon Class:
1:00 pm to 4:00 pm

Oct. 2008 Saturdays

Oct. 4	Oct. 11
Oct. 18	Oct. 25

- Saturday Morning:
9:00 am to 1:00 pm

November 2008

Tues, 4	Thurs, 6
Tues. 11	Thurs. 13
Tues. 18	Thurs. 20

- Morning Class:
9:30 am to 12:30 pm
- Afternoon Class:
1:00 pm to 4:00 pm

Nov. 2008 Saturdays

Nov. 1	Nov. 8
Nov. 15	Nov. 22

- Saturday Morning:
9:00 am to 1:00 pm

Students must Pre-Register

School Policy: The Fire Department requires a mark of 70% on the school's final exam. Those passing are granted a diploma which must be presented at the Fire Department.



The New York Fire Safety Institute

481 Eighth Ave. Suite 1570, New York, NY 10001

Phone: (212) 239-9051 Fax: (212) 239-9052

Office Building Managers/& Fire Safety Directors

NY Fire Safety Institute is offering:

Emergency Action Plan Director Course (F-59)

We have schedules to meet your needs.

We have qualified instructors to deliver the material you need to know.

Central location- Hotel New Yorker - West 34th St. & 8th Avenue (Suite 1570)

Realistic price of \$ 150.00 per student (group rate quotes as well)

2008 Class Schedule: (Seating Limited)

September 23rd (Tuesday) and 25th (Thursday) at 1:00pm – 5:00 pm

October 28th (Tuesday) and 30th (Thursday) at 1:00pm – 5:00 pm

November 24th (Monday) and 26th (Wednesday) at 1:00pm – 5:00 pm

Fill out registration form and mail check for \$150.00 payable to *NY Fire Safety Institute*.

Mail in Registration – Emergency Action Plan Director Training course

Student Name: _____ Employed by: _____

Home Address: _____ Work Address: _____

Home Phone: _____ Supervisor: _____

Cell/Pager: _____ Employer # _____

Email: _____ Work email: _____

Course fee is \$150.00

Money Order Check (co. check only) Pay Pal Verification # _____

Start date: _____ Amount Enclosed: _____

Company checks or money orders payable to ***NY Fire Safety Institute***

Mail payments to NY Fire Safety Institute, 481 Eighth Avenue, Suite 1570, New York, NY 10001



Personal Life Safety Guide Book

Fireproof Residential Apartment Buildings

The Personal Life Safety Guide Book offers a quick reference for fire and life safety emergencies. A must for residential building staff.

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Suspected Terrorist
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Threatening Behavior

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\$4.50 ea.	\$4.25 ea.	\$3.75 ea.

Combine building orders and save



Basic Emergency Information at Your Finger Tips

Phone (212) 239-9051
Fax (212) 239-9052
Email: info@NYFireSafe.com

