

# Fire Safety Prevention and Response

Improve Fire Safety in Buildings and Infrastructure

16-17 April 2017 | Dubai, UAE

## Why fire safety:

“Fire destroys warehouses in Dubai”

*Gulf News*  
5 January 2017

“Dubai fire: apartment block on artificial Palm Island engulfed in flames.”

*The Telegraph*  
12 December 2016

“New Dubai lab to boost fire safety in UAE buildings.”

*Gulf News*  
8 December 2016

## Key takeaways from attending this workshop:

- ▶ **Gain** an understanding of the standards that are responsible for developing fire and safety regulations.
- ▶ **Develop** an understanding of what fire is, the components of fire and its origins.
- ▶ **Identify** the classifications of fire and develop knowledge of various extinguishing agents.
- ▶ **Inspect** and operate portable fire extinguishers.
- ▶ **Become familiar** with and be able to identify the various components of fixed fire fighting systems and their functions.
- ▶ **Gain** a better understanding of flammable and combustible liquids.
- ▶ **Perform** a basic fire safety inspection.
- ▶ **Develop** an Emergency Action Plan (EAP) and Fire Prevention Plan (FPP) for their sites.

## Workshop Trainer:

### Jackson Chambers

*Public Safety and Security Consultant*  
*Pandora Security Solutions*

- Certified Department of Defense (DOD) Airport Firefighter and Firefighter.
- Past State Firefighter for the Air National Guard holding responsibility for a variety of fire prevention and response efforts.
- Executive Advisory Board Member and Fellow (FABCHS) at the American Board for Certification in Homeland Security (ABCHS).
- Certified Global Resilience Professional (CORP) with the International Consortium for Global Resilience (ICOR).

Organised by:



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## Workshop Overview:

This 2-day workshop will bring key highlights on both practical and theoretical aspects of fire safety in buildings and infrastructure. The trainer will introduce the different classes of fire and its respective prevention methods. The different types of fire extinguishers along with fixed fire control system will also be discussed.

The second part of the workshop will focus on the flammable and combustible liquids. Guidelines on drafting an Emergency Action Plan (EAP) and Fire Prevention Plans will also be presented to the delegates.

This course will equip delegates the knowledge required to prevent fires while having a better understanding of fire control systems and the planning necessary to mitigate the damage caused by fires and meet standards

## Who Should Attend This Workshop:

- Any individual wanting greater knowledge in fire prevention and safety.
- Small business owners without a dedicated security staff needing an understanding of Occupational Safety and Health guidelines as it pertains to fire safety planning responsibilities and requirements.
- Facility Managers and Security Managers holding responsibility for the emergency preparedness and planning functions.
- Security personnel working with for fire control systems and overseeing the prevention and response function.

## Why You Should Attend This Workshop:

Recent large fires in residential and industrial complexes across the Middle East region and nation have triggered a need for education about fire safety in building design, construction and maintenance. While the use of fire resistant building materials and improved fire codes has proven to decrease the number fires each year, fire is still a leading cause of damage and property loss. Participate in this workshop to gain a deeper understanding of fire risk management and response.

## About Open Forum Enterprise:

Open Forum Enterprise exists to facilitate, through a series of engaging channels and skills enhancement platforms, the development and promotion of new thinking and practical solutions in seemingly complex issues. We bring together a wealth of experience in conference production and events management to deliver high quality meetings for public and corporate sectors. We deliver high quality events at which delegates hear from leading thinkers, influencers and practitioners and have the opportunity to learn about and debate latest policy and service developments.

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## Agenda:

### Day 1 (16 April 2017) Sunday

#### Course Introduction

- Educational Resources and Standard Setting Organisation

#### What is Fire?

- Definition
- Fire Triangle
- Mechanics of Fire
- Classifications of Fire
  - Class A Fires
  - Class B Fires
  - Class C Fires
  - Class D Fires
  - Class K Fires
- Fire Prevention
  - Fire Ignition Sources
  - Means of Egress
  - Personal Protection

#### Portable Fire Extinguishers

*\*This portion of the course will include practical training with the operation of portable fire extinguishers. (To be confirmed\*)*

- Types of Fire Extinguishers
  - Extinguishing Agents
- Components of a Fire Extinguisher
- Fire Extinguisher Inspections
- Fire Extinguisher Maintenance
- Fire Extinguisher Storage
- Fire Extinguisher Operation
  - Video Presentation
  - Practical Application/Hands-On Training

#### Fixed Fire Control Systems

*\*This portion of the course will include a walkthrough of the hosting facility to introduce students to components of a Fire Control system. (To be confirmed\*)*

- Components of a Fire Control System
  - Fire Control Room
  - Fire Alarm Control Panel (FACP)
  - Fire Detection Devices
  - Warning Devices
  - Fire Extinguishing Equipment/Sprinkler Systems
  - Facility Tour

### Day 2 (17 April 2017) Monday

#### Flammable and Combustible Liquids

- Storage
- Safety Data Sheets (Review of Sample)
- Control

#### Emergency Action Plans (EAP)

- Fire Reporting
- Maps
- Evacuations
- Fire Wardens
- Assembly Points and Accountability

#### Fire Prevention Plans (FPP) (Review of Sample)

- Major Fire Hazards
- Ignition Sources
- Fire Protection Equipment
- Housekeeping
- Employee Responsibilities
- Employee Training

#### Practical Application:

1. Portable Fire Extinguisher Use\*
2. Fire Control Systems (Tour of Hosting Facility)\*
3. Review of Safety Data Sheet (SDS)
4. Review of Sample Fire Prevention Plan (FPP)

*\* To be confirmed*

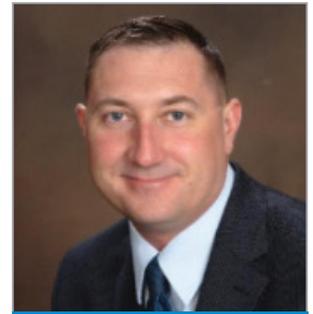
**" Jackson is a dedicated law enforcement professional who has proven himself in the field. He has worked in the austere environment of Afghanistan and performed his mission with excellence. "**

Tim Wood, Deputy Sheriff,  
Oktibbeha Country Sheriff's Department

## About Your Workshop Facilitator:

Jackson Chambers is a public safety and security consultant offering extensive experience in the development and execution of highly effective public safety and security solutions, working across multiple security disciplines and environments for clients, worldwide.

Mr. Chambers began his career serving within the Aircraft Fighting and Rescue specialty of the United States Marine Corps where he held multiple leadership positions, earning numerous awards for his exemplary service. He is a Certified Department of Defense (DOD) Airport Firefighter and Firefighter I where he also holds a certificate in Hazardous Material Operations. Following his service with the United States Marine Corps Mr. Chambers also served as a State Firefighter for the Air National Guard holding responsibility for a variety of fire prevention and response efforts.



Jackson Chambers

Following his service within the Fire and Rescue field Jackson transitioned his experience into law enforcement where he served as a Police Officer for a major metropolitan police department and as a law enforcement advisor in Afghanistan, performing surveys and assessments of multiple facilities while assisting in the development of emergency plans and instructing a variety of subjects.

Following his service in Afghanistan Mr. Chambers returned to the United States where he has provided corporate security for multiple Fortune 500 organisations holding responsibility for all facets of the emergency planning and response functions, at a variety of facilities. Mr. Chambers now draws on his experience and anecdotes providing training to a variety of individuals and organisations around the world on multiple public safety and security issues.

In addition to his extensive experience in public safety he is currently a member of the International Association of Professional Security Consultants (IAPSC) and an Executive Advisory Board Member and Fellow (FABCHS) at the American Board for Certification in Homeland Security (ABCHS) holding their highest credential (CHS-V). He is also a Certified Organizational Resilience Professional (CORP) with the International Consortium for Organizational Resilience (ICOR) certifying within the Emergency, Facility, Business Continuity and Crisis Management frameworks.

Partial list of organisations that have benefitted from his expertise:

- Abu Dhabi Public Safety Department
- Afghanistan National Civil Order Police (ANCOP)
- Alexandra Health Pte Ltd
- Castillion Security Pte Ltd
- Changi Airport Group Pte Ltd
- DynCorp International
- Keppel Land International Limited
- KK Woman's & Children's Hospital
- National Heritage Board
- National Security Coordination Secretariat
- NV Energy
- Police Officer for the Baltimore Police Department
- Russet Community Association
- Singapore Health Sciences Authority
- Singapore Ministry of Defence
- Singapore Ministry of Home Affairs
- Singapore Police Force
- Society of American Military Engineers
- State Department, Law Enforcement Advisor for the Afghanistan National Police