

# Building Fire Safety Assessment and Management Workshop

— Navigating the grey areas and blind spots

June 23<sup>rd</sup> – 24<sup>th</sup> (Tue – Wed), 2015  
Shanghai • Jian Gong Jin Jiang Hotel

June 25<sup>th</sup> – 26<sup>th</sup> (Thu – Fri), 2015  
Shenzhen • Best Western Felicity Hotel



# Introduction

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A large factory fire devastates. Its aftermath lingers for years. The long-term disruption that follows puts investors and workers under stress and imposes large financial, educational and administrative costs. It is a price that no factory can afford to pay. However, while no factory is immune from the risk of fire, factories can certainly reduce the chances of it happening or, if the worst does occur, keep losses to a minimum.

You and your colleagues are invited to this workshop on navigating the building fire safety **grey areas** and **blind spots** in the supply chain. This workshop shows you how.

Earn your **certificate** of completion for the first and exceptional workshop of Building Fire Safety Assessment and Management from NEWAsia and Fair Labor Association (FLA), which is the first available course to the public in China.

The expert Senior Colonel from **General Provincial Fire Protection Bureau** allows you have the first hand insights and solutions to building fire safety **assessment** and **inspection**. Mr. Zheng has been devoting to fire protection and prevention cause over the past four decades.

## Target Audience

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This workshop is tailor-made for brands, factories with more than **100 workers**, **major fire protection** units, **flammable and explosive** workplaces, more than **17 years** service structures, lack of **permits**, and/or **zero tolerance violations** on fire safety in supply chain audit.

- ◆ Brands CSR Managers, Specialists, Auditors, Assessors
- ◆ Third Party Auditing and Consulting Experts
- ◆ Fire Safety Managers
- ◆ EHS Managers
- ◆ Plant Manager, General Managers, Production Managers
- ◆ HR/CSR/Administration Managers, Staff
- ◆ Trade Union Members
- ◆ General Affairs Supervisors
- ◆ Welding, Cutting and Maintenance Technicians
- ◆ Fire Safety Service Firms
- ◆ Lawyers and Consultants
- ◆ Others who are interested in this topic

## Outlines

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### A. Basics of Building Fire Safety Assessment

1. Flammable and explosive substance categories and classification
2. Fire categories and elements
3. Substance fire risk categories
4. Factory fire risk categories
5. Flammable and explosive area classification
6. Building fire risk categories
7. Civil building fire protection classification
8. Building fire-resistance level and limit
9. Explosion-proof pressure relief
10. Furniture and furnishings classification

## **B. Building Fire Legal Permits and Compliance Assessment**

1. The scope and exceptions
2. Building fire safety design assessment
3. Building fire safety acceptance and permits
4. Building initial inspection before the operations
5. General construction registration and selective examination

## **C. Fire Safety Accountability, Procedures and Instructions Assessment**

1. Fire Safety Accountabilities
2. Fire Safety Training and Education
3. Fire Safety Inspections
4. Fire Fighting Facilities Maintenance
5. Fire (Control Room) on Duty Arrangement
6. Fire Risks Identification and Remediation
7. Open Fire Management
8. Electrical Fire Risk Management
9. Flammable and Explosive Places Instructions
10. Instructions on Gas, LPG and Electrical Appliances
11. Fire Brigade and Volunteers
12. Fire Drills and Emergency Response
13. Fire Safety Performance Appraisals and Disciplines

## **D. Factory Fire Safety Management Performance Assessment**

1. Fire safety organization structure
2. Fire brigade and volunteers organization
3. Key sector, unit and station management
4. Routine measurements, maintenance plans and records

## **E. Competency Assessment of Identifying and Eliminating the Fire Risks**

## **F. Competency Assessment of Distinguishing The Fire at The Starting Phase**

## **G. Competency Assessment of Evacuation**

## **H. Competency Assessment of Fire Safety Training and Education**

## **I. Fire Risks and Insurance**

Public gathering places and chemical-handling enterprises insurance on occupants and properties.

## **J. Laws and Penalties**

1. Criminal liabilities against fire safety management laws and regulations
2. Civil liabilities against fire safety management laws and regulations

## Speaker

### Mr. Duanwen Zheng

**Sr. Engineer,  
Senior Colonel**

**Technical Level: V**

**Provincial Fire Protection Bureau**

National-wide Excellent Professional on Fire Safety Science Education, 16-year Membership in Science Education Steering Committee of China Fire Protection Association, Top-100 Scholar for China modern fire safety progress. Mr. Zheng joined the army in December 1972, and retired in December 2012. Mr. Zheng formerly worked in front-line fire safety branches for fire safety supervision and inspection, review and approval on the design of building fire protection, and fire accidents investigation. Mr. Zheng worked in Fire Vocational School, Colleague, and Provincial Fire Safety Bureau for fire safety education and training. His publications include: Chemical Fire Safety, Manufacturing Processes Fire Safety, Fire Safety Management, Fire Safety Technologies, Fireworks Fire Safety Technologies, Gas and Fuel Filling Station Fire Safety, Must-read for Enterprise Workers Fire Safety, Chemical Logistics Supply Chain Fire Safety, Petrochemical Enterprise Fire Safety, Inside Decoration Fire Safety Technologies, Fire Safety Supervision Guideline, New Technologies on Rural Areas Fire Safety.

## Venue and Time

Shanghai		Shenzhen	
<b>Date</b>	Tuesday and Wednesday, June 23 <sup>rd</sup> -24 <sup>th</sup> , 2015	<b>Date</b>	Thursday and Friday, June 25 <sup>th</sup> – 26 <sup>th</sup> , 2015
<b>Time</b>	9:00 to 17:00	<b>Time</b>	9:00 to 17:00
<b>Language</b>	Mandarin	<b>Language</b>	Mandarin
<b>Venue</b>	Shanghai Jian Gong Jin Jiang Hotel	<b>Venue</b>	Shenzhen Best Western Felicity Hotel
<b>Address</b>	691 West Jianguo Road, Xu Hui District, Shanghai	<b>Address</b>	Exit D MTR, 1085 Heping Road, Luo Hu District, Shenzhen

## Price

- ◆ Early bird (before June 16th, 2015) / group price for 3+ participants: RMB3,000 ( USD500, HKD3,800 ) / participant
- ◆ Normal registration ( after June 16th, 2015 ) : RMB3,500 ( USD580, HKD4,500 ) / participant
- ◆ Lunch, tea break, certificate included, exclusive of participant's hotel and travel.

**Online Registration:** <http://www.newasiacsr.com/en/node/174/register>

### 人民币银行信息

收款单位: 新亚商务咨询南京有限公司  
开户行: 中国建设银行南京河西新城支行  
帐号: 32001598900052504684

### Bank Account Information for USD, HKD

Account #: 801-365693-838  
Beneficiary: NEWASIA SOLUTIONS LIMITED  
SWIFT Code: HSBCHKHHHKH  
Bank Name: The Hongkong and Shanghai Banking Corporation Limited  
Bank Address: 1 Queen's Road Central, Hong Kong

Please send your bank deposit slip after the payment to [contact@newasiacsr.com](mailto:contact@newasiacsr.com) for preparing your invoice/Fapiao.

## Questions from Audience (Abstract)

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1. What are the legal exceptions for the permits of fire safety design, fire safety acceptance, or registration?
2. How to calculate fire extinguishers in factory building and civil building?
3. Is it necessary to install fire detectors in dormitories? And what are the key requirements on fire alarm system there?
4. Is it acceptable to have the dormitory in the same building within canteen, shops, and temporary non-combustible warehouse?
5. How to achieve essential safety against dust and chemical explosion?
6. What should we do since there was no fire acceptance permit for the 2-storey temporary warehouse, which is connected to the main 3-storey production building?
7. What are the priorities in the authority fire safety supervision and inspection?
8. What kind of measurement, assessment, maintenance of fire system systems must be conducted by 3rd party firms? And what are about the marketing prices for the services?
9. What are the common penalties on the company legal person, investors, and fire safety managers in fire accidents?
10. What are the common tools and instruments for fire safety routine maintenance and measurement?

## About NEWAsia

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NEWAsia® is a leading solutions provider in the fields of social compliance, health and safety, and environmental performance ([www.newasiacsr.com](http://www.newasiacsr.com)).

Our insight has helped textile and hard goods factories make working conditions healthier and safer, human resource management more compliant, and production 'cleaner' and 'greener'. We have developed and managed environmental systems for factories of multinational footwear and electronics companies, which has led to more efficient uses of energy and water, less waste and more benign production practices around potentially hazardous conditions and chemicals.

NEWAsia offers both technical solutions on the factory floor and a sustainability strategy for brands and retailers. Furthermore, we have successful partnerships with a wide range of local and overseas organizations such as international and national corporations, government agencies, NGOs, and academic institutions.

## About FLA

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FLA is a collaborative effort of universities, civil society organizations and socially responsible companies dedicated to protecting workers' rights around the world. We are an international organization with a dedicated staff and board, headquartered in Washington, DC, with offices in China, Switzerland and Turkey.

FLA places the onus on companies to voluntarily meet internationally recognized labor standards wherever their products are made. We offer:

- ⦿ A collaborative approach allowing civil society organizations, universities and socially responsible companies to sit at the same table and find effective solutions to labor issues;
- ⦿ Innovative and sustainable strategies and resources to help companies improve compliance systems;
- ⦿ Transparent and independent assessments, the results of which are published online; and
- ⦿ A mechanism to address the most serious labor rights violations through the Third Party Complaint process.