



## SESSION ONE – FIRE SEMINAR

16 November 2011, Wednesday, 2pm - 5pm

STI Auditorium, 9<sup>th</sup> Floor, Capital Tower, 168 Robinson Road,  
Singapore 068912

### PROGRAMME

#### Programme Schedule

TIME	PROGRAMME	SPEAKER
2.00pm	Opening Address	Mr Mark Lim Executive Director General Insurance Association of Spore
2.05pm	Fire Arson Investigations – How the SCDF does it	MAJ Andy Choo Liew Kuan Fire Analysis Team Leader, Fire Investigation Unit Operations Department Singapore Civil Defence Force
2.45pm	Recent Trends in Home & Building Fires and the SCDF Fire Investigation Report. What does it tell you?	MAJ Lim Beng Hui Hd Research and Analysis Branch Fire Investigation Unit Operations Department
3.30pm	Coffee Break	-
4.00pm	Fire Safety in Singapore	Cpt Yam Yeow Kiat Waiver Consultant Fire Safety and Shelter Department
4.40pm	Q&A Session	-
5.15pm	Closing	-

### About the Seminar

The Singapore Civil Defence Force and the National Fire & Civil Emergency Preparedness Council are jointly launching the Joint NFEC-GIA Fire Seminar 2011 to be held at the Capital Tower on 16 November 2011. This seminar seeks to give participants a better understanding of the fire investigation framework and fire safety in Singapore. The speakers from Singapore Civil Defence Force (SCDF) will be sharing their wealth of experience on of the intricacies and complexities of this topic.

Joint NFEC-GIA Fire Seminar is a half-day seminar and is designed for GIA association members. The target audience would comprise general insurance underwriters, loss adjusters, brokers and claims agents and main objective is to enrich their industry practitioners' knowledge on the insured fire peril.

There will also be a Question & Answer session where participants can discuss and raise any burning questions with our speakers



## Synopsis – Fire and Arson Investigations – How the SCDF does it

MAJ Andy Choo will be giving an overview of SCDF Fire Investigation framework and fire investigation methodology that SCDF is adopting as based the guidelines given in National Fire Prevention Association (NFPA 921) – Guide for Fire & Explosion Investigation (2011).

The purpose of fire investigation is to save lives and property by preventing the re-occurrence of the same fire cause. This can be achieved through identifying fire safety or incendiarism issues. And MAJ Andy Choo will also look at how SCDF work with relevant agencies and authorities to make Singapore a safer place for all. In additional, MAJ Andy Choo will also share insights about the procedures/demarcation of responsibilities in arson cases between SCDF and SPF.



**Presenter:** MAJ Andy Choo Liew Kuan  
Fire Analysis Team Leader, Fire Investigation Unit  
Operations Department  
Singapore Civil Defence Force

MAJ Andy Choo is the Team Leader of the Fire Analysis Team of the SCDF Fire Investigation Unit (FIU). He graduated from Nanyang Technological University with a Bachelor of Engineering (Mechanical) Degree and joined SCDF after spending a few years with the construction industry as a Mechanical & Electrical consultant. His operational stint at Ang Mo Kio Fire Station, Seng Kang Fire Station and as the Commander of Woodlands Fire Station saw him accumulating approximately 6 years of experience in incident management of countless rescue and fire operations as well as conducting post-fire investigations. He is trained in advanced origin and cause investigations by the US Bureau of Alcohol Tobacco and Firearms (ATF) at the Federal Law enforcement Training Centre (FLETC) of Glynco, USA. His last appointment prior to taking up the post in FIU was that of a Subject Matter Expert in Red Teaming matters in the Homefront Security Division of Ministry of Home Affairs.

## Synopsis – Recent Trends in Home and Building Fires and the SCDF Fire Investigation Report, What does it tell you?

MAJ Lim will be giving an overview of the fire situation in Singapore over the past 5 years as well as a breakdown of the fire statistics for residential, commercial and industrial premises. He will also examine the common fire causes in Singapore and touch on some of the ways to prevent such fires. Lastly, MAJ Lim will brief on the information available in the SCDF Fire Report and the SCDF Fire Investigation Report.

This session would be beneficial for the insurance industry as it provides a better understanding on the fires in residential, commercial and industrial premises. The insurance industry will also get a refresher on the application procedures for SCDF reports and find out more about the information which they can expect in those reports.



**Presenter:** MAJ Lim Beng Hui  
Hd Research and Analysis Branch  
Fire Investigation Unit  
Operations Department

MAJ Lim Beng Hui is the Head of the Research and Analysis Branch of the SCDF Fire Investigation Unit. He joined the SCDF in 2001 after graduating from the National University of Singapore with an Honours Degree in Civil Engineering. He spent about 3 years at the frontline fighting and investigating fires before heading over to the University of Teesside in the United Kingdom to pursue a Masters in Fire Investigation. He graduated with distinction and returned to assume the appointment of a Fire Investigation Team Leader, responding to major or complex fires for origin and cause investigations. In his current appointment, Major Lim works with a team of officers to research into fire causes and also analyse fire trends and patterns. Major Lim is a Certified Fire and Explosion Investigator as well as a Certified Fire Investigation Instructor with the National Association of Fire Investigators in the United States.

### Synopsis – Fire Safety in Singapore

CPT Yam will be covering the fire safety regulatory system in Singapore. This includes before and after the plan submission processes and procedures, the Fire Certification scheme which is for maintenance of all fire related equipment/installations. Finally, how we regulate fire safety in the old building in Singapore.



**Presenter:** Cpt Yam Yeow Kiat  
Waiver Consultant  
Fire Safety and Shelter Department

CPT Yam Yeow Kiat obtained his Bachelor (HONS.) Degree in Building from University of Technology, Sydney in 1998. Cpt Yam was working in the construction industrial for several years before joining the Force. He was a processing officer for commercial section from 2002 to 2004 after the tour of duty in Geylang and Paya Lebar fire station as a Rota Commander. After which, he was being appointed as a fire safety consultant from '04 onwards. From 2006 to 2010, he was posted to Civil Defence Academy as a Senior Instructing Officer to conduct fire safety and fire investigation topics to the related industry, at places such as the polytechnics, Singapore Aviation Academy, BCA Academy and etc. Currently, he is Waiver Consultant processing waiver case in Fire Safety and Shelter Department, HQ SCDF.

**Note:** For more information, please contact GIA Secretariat at [huijing.au@gia.org.sg](mailto:huijing.au@gia.org.sg) or at 6221 8788 extn 204