

# Fire Safety Manager Course

## INTRODUCTION

The Fire Safety Management (FSM) scheme was given wide publicity since 1989. Together with the passing of the Fire Safety Act 1993 and the Fire Safety (Fire Safety Manager) Regulations 1994, it has become mandatory for owners of designated buildings to appoint Fire Safety Manager. The amended FSM regulations, gazetted on 13 Apr 2007, aims to make further improvements to the FSM scheme to enhance the fire safety standard within buildings. This course prepares potential Fire Safety Manager for such varied roles and functions include being able to interpret the Fire Safety Act and Regulations among others.

## OBJECTIVES

At the end of the course, participants will be able to:

- Explain the provisions of the Fire Safety Act and Regulations in Singapore
- Describe the fundamentals and principles of fire safety design
- Acquire knowledge on fire protection system and fire-fighting facilities
- Understand the roles and responsibilities of Fire Safety Managers

## CONTENTS

- Basic Fire Science
- Formulation of Emergency Response Plan
- Fire Safety Act & Regulations
- Fire Safety Manager Scheme
- Fire Safety Committee
- Emergency Response Plan
- Evacuation Planning
- Automatic Fire Extinguishing Systems
- Enforcement Procedures
- Fire Extinguisher Theory
- Storage of Fire Hazardous Materials
- Company Emergency Response Team
- CERT Audit Requirements
- Fire Detection & Alarm Systems
- Smoke Control Systems
- Objectives of Fire Safety Design & Tactics
- Means of Escape
- Emergency Voice Communication Systems
- Fire Command Centre
- Incident Management
- Table-top Exercise
- Structural Fire Precautions
- FSM Annual Reports
- Arson Prevention Plan
- Maintenance of Fire Fighting & Protection Systems
- Building Inspection & Testing

## LECTURERS

**DR SIN SIANG MENG** obtained his PhD in Incident Management from Southern Cross Australia in 2019, MSc (Safety, Health & Env Tech) from NUS (2003) and MBA (Business Resilience) from Murdoch Aus (2012). As a certified emergency operation commander, resilience-continuity planner and fire investigator, Ivan has more than 28 years of experience in occupational safety and health, with focus in fire safety, emergency response, incident investigation, business continuity, disaster recovery, and crisis management with SCDF and the MAS.

**MR LOH ENG CHOON** has more than 20 years of experience in operational and policy work in the SCDF. In the area of fire safety and enforcement, he was responsible for formulating policy to introduce good practices in fire safety and enforcement in Singapore. He was instrumental in the establishment of the Fire Safety Manager Scheme, Company Emergency Response Team Scheme, Licensing of Petroleum and Flammable Materials, Jurong Island contingency planning, and audit of high-risk installations. Eng Choon holds a BSc (Chemistry) from the NUS and is a fellow of the IFE and Council Member in the Association.

**MR PRABHAKARAN THIRUNAVUKKARASU** is an experienced Facility Management Professional with a demonstrated history of working in the Facility Management Industry for over 20 years. Skilled in Operations, negotiation, budgeting of Hard and Soft services in FM. Prabhakaran obtained his Master of Science (Mechanical Engineering) from NUS. He is also a registered Senior Fire Safety Manager, certified Water Efficiency Manager (PUB), qualified Asset Manager (IAM). He is an ACTA trainer with close to 5 years of part-time teaching at various institutions of higher learning.

## AWARD

BCA Academy is an Accredited Training Institution of the Singapore Civil Defence Force (SCDF). The Fire Safety Manager Certificate issued by BCA Academy is recognised by the SCDF for the Fire Safety Manager. Participants who meet at least 80% attendance and successfully pass all assessments will be awarded the Fire Safety Manager Certificate.

## ENTRY REQUIREMENTS

Applications should be accompanied by copies of at least 1 of the minimum entry requirements stated on SCDF website, please refer to [www.scdf.gov.sg](http://www.scdf.gov.sg). Successful applicants are required to bring their original certificates for verification during registration.



## REGISTRATION

To register, please log into our Online StoreFront (OSF) at <https://eservices.bcaa.edu.sg/registration/#/>  
**Login** or scan QRcode and search for course code **79090**