

## **EMERGENCY RESPONSE TEAM (ERT)**

### **INTRODUCTION**

People awareness is the most fundamental aspect in establishing a safe and sound workplace environment. The effectiveness of the safety and security in your company goes beyond establishing safety policy as well as rules and regulation. At time of emergency, people needs direction and well organized evacuation procedures in order to save lives and properties. This justifies the reason of having an intact team of EMERGENCY RESPONSE TEAM.

### **OBJECTIVES**

The program will impart participants with the knowledge and skills in handling emergencies cases to enable them to respond speedily to any emergencies with a structured and coordinated approach.

### **METHODOLOGY**

Explanation, Demonstration, and Practical Exercise

### **WHO SHOULD ATTEND**

All staff including Managers, ERT Members, Safety and Health Committee Members, Supervisory Staff, Security Personnel.

### **DURATION**

The duration of this program is 4 days, 9.00am – 5.00pm

### **LANGUAGE MEDIUM**

The presentation will be conducted in English and/or Bahasa Malaysia. However, it can be executed in a dual language option.

### **CERTIFICATION**

Certificate of Attendance will be presented to all participants at the end of the course.

### **COURSE OUTLINE**

Module 1: Introduction

Theory – lecture

- Fire Services Act 1988 and Regulation
- Uniform Building by Laws 1984
- OSHA Act 1994.

## Module 2: Role & duties of ERT

### Theory – lecture

- Introduction to ERT
- Role of emergency Response Team
- The role of the Emergency
- Fire safety objectives
- Functions of ERT
- Contingency plan

## Module 3: Chemistry of fire

### Theory – lecture

- Formation of fire
- Classes of fire
- Spread of fire
- Techniques of controlling and fighting fires
- Spontaneous combustion
- Range of flammability

## Module 4: Firefighting equipment

### Theory – lecture

- Hose
- Hose fighting
- Hose handling and care
- Stand pipes and hydrant
- Miscellaneous equipment

## Module 5: Use the fire extinguisher in real – life fire situations

- Types of extinguishers and its applications
- Class of extinguisher
- Maintenance of extinguishers
- Size & capacity of fire extinguishers

## Module 6: Methods of carrying, running and storing of fire hose

### Practical – hands on: -

- The various methods of carrying hose
- The various methods of storing hose

## Module 7: Basic foot drill

### Practical – hands on.

## Module 8: Hydrant drill no: 3

### Practical – hands on.

## Module 9: Introduction to SCBA (self-contained breathing apparatus)

### Practical – hands on

- Types of SCBA
- Methods of donning & doffing SCBA
- High pressure test
- Low pressure test
- Pre – entry test

## Module 10: Fire protection systems

### Theory – lecture

- Hazard identification system
- Health
- Flammability
- Reactivity
- Emergency action code (HAZCHEM)

## Module 11: Basic rescue techniques

### Practical – hands on

- Methods of searching for victims
- Two handed seat
- Three handed seat
- Four handed seat
- Methods of dragging an unconscious persons
- Fireman’s lift
- Darling carry

## Module 12: Evacuation procedures

### Theory – lecture

- Purpose of fire drill
- Formulating fire routine
- Instruction and training
- A fire routine details
- Frequency of drill

## Module 13: Simulation

### Practical – hands on

- Practical fire fighting
- Wet hydrant drill on real life fire situations