



## Training Course Information Form

### Course Information

**Course Name:** Helicopter Fire Safety.

**Institute/Centre:** Maritime Safety Institute      **Course Code:** MSIO 605

**Type:**       Program       Course       Workshop

**Course Duration:**       5 days       3 days       2 days       Other: --

**Course Conducted:**       Local       International  
Indicate: -----

**Course Venue:** \_\_\_\_\_

**Course Language:**       English       Arabic       Both       Other: -----

### Course Description

#### Course Outlines:

- Oil Installation Design & Construction.
- Chemistry of Combustion
- Fire & Rescue Operations
- Communications.
- Fire & Emergency Services.
- Flight Crew & Cabin Crew Fire Safety
- Aircraft fires and crashes

#### Course Objectives:

The main aim of this course is to make students aware of the basic principles of the elements of chemistry of fire, to recognize and operate fire fighting equipment in conjunction with the tactics and techniques required for rescue fire fighting situations and how effective rescue of crew and passengers could be carried out.

#### Learning outcomes:

At the end of the course the student will have an understanding of and be capable of using and applying the following:

- Chemistry of fire, transmission of heat, classification of fire and types of hand held extinguishers
- The implication of emergency orders to the airport and local authority agencies
- The types of rescue fire fighting protective clothing and the standards required
- Types of fire hose, branches and portable foam making equipment and care and maintenance
- Helicopter construction and materials
- Helicopter fire fighting tactics, techniques and materials
- Practical fire fighting, experiencing various helicopter fire and rescue scenarios.

**Course includes:**  Theoretical       fire training module       Laboratory       Workshop       Site Visit

**Course Prerequisites:**

No Particular educational requirements. All trainees must be certified by a doctor to be in good health.

**Who should attend:**

Off shore personnel employed or engaged in any capacity on board ship/off shore installation.

**Course References:**

- OPITO Approved standards.

No. of Participants/course:  5-10       10-15       15-20       Other: -----

**Qualifications of Participants:**

Not limited

No. of Lecturer:  1       2       3

No. of Assistance:  1       2       3

**Course Facilities**

- White Board       V. Projector       Data show       PC       Manual       Handouts
- Books       Handouts       Flip charts       S/W       Other: fire fighting equipments

**Course Evaluation**

- Written Examination       Written Report(s)       Oral Presentation       Attendance
- Delegates Participation

Certificate Issue:  Local Premises       AASTMT       International

**Course Registration**

Registration:       AAST Admission Registration       Online       Other: ---local-----

Sponsor Fees:     

Documents required:       Registration form       ID/Passport copy       Photo