



*Training Course:  
Accident & Incident Investigation - Risk & Root  
Causes*

*23 - 27 September 2024  
Geneva (Switzerland)*

## Training Course: Accident & Incident Investigation - Risk & Root Causes

Training Course code: MM234843 From: 23 - 27 September 2024 Venue: Geneva (Switzerland) - Training Course Fees: 6300 € Euro

### Introduction

This course was designed for personnel who seek methods to conduct a thorough investigation of maritime incidents and helps identify and assess the risks in order to provide effective solutions and establish the appropriate safeguards.

This course also aims to deliver knowledge and skills required for accident and incident investigators or persons intending to become accident investigators, according to IMO Res. A84920 - Code for the Investigation of Marine Casualties & Incidents as amended by ResA88421 and other Maritime Industry guidance.

### Aims & Objectives

- Interpret IMO and Industry requirements for implementation purposes
- Support to Plan, conduct, and follow-up accident investigations
- To provide all essentials for participation to an Accident Investigator

### Learning Outcomes

A trainee successfully completing this course will be able to:

- Plan, conduct, and report an Accident Investigation
- Identify risks and underlying causes
- Recommend effective solutions

### Target Audience

- Accident Investigators
- Accident Investigation team members
- Consultants
- Officials
- Inspectors
- Directors
- Masters / Chief Engineers/ Superintendents
- Operation and Technical Managers

### Training Outlines

Accident/ Incident Investigation, Risk & Root Causes

Introduction to Accident & Incident Investigation

- Accident & Safe Operation
- Key Terms

- Key Terms - Hazard, Incident, Consequence
- Key Terms - Causes
- Key Terms - Risk
- Accident preventive actions
- Risk management sequence of actions
- Identified threats
- Risk Calculation
- Risk Classification
- Risk Mitigation
- Risk Results
- Marine Accident Investigation
- Marine accident sequence
- Typical marine accidents & Consequences
- Type of Casualties
- Man overboard- example

#### Incident Investigation - Event & Causal Factors and Root causes

- Incident Investigation Methodology
- Events and Causal Factors ECF
- Find Root Causes
- Identify Root Causes - Direct Cause
- Identify Root Causes- Indirect Cause
- Identify Root Causes- Root Cause

#### Accident / Incident Investigation Analysis

- Why incident investigation?
- Effects on Safety Management Systems
- Incident Investigation - Overview
- Incident Investigation key steps
- The Investigation Report

#### Accident Investigator

- Steps for an Accident Investigator
- Accident Investigator's Competency
- Accident Investigator's Tools
- Accident Investigator's Behavior
- Accident Investigator's Report

#### Common Root Cause Models

- HSG65 approach
- SCAT Systematic cause analysis technique
- MORT Management oversight risk tree
- Simple to Follow Proposal
- Timeline of an Accident
- Final Guidance for Accident Investigators
- Witness Sample Questions
- Subject of Complain sample Questions



## Registration form on the Training Course: Accident & Incident Investigation - Risk & Root Causes

Training Course code: MM234843 From: 23 - 27 September 2024 Venue: Geneva (Switzerland) - Training  
Course Fees: 6300 € Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Company Information

Company Name: .....  
 Address: .....  
 City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
Giza, Giza Governorate,  
Egypt.