

Across many safety critical industries, Safety Management Systems (SMS) and Work Health Safety Management Systems (WHSMS) tend to have different histories in terms of legislation, regulation and management, despite them sharing many core elements. Moreover, the basic principles of **Integrated Safety Management Systems** are the same in whatever context, or industry, they are applied regarding Personal safety, Process safety and Operational safety.

**This course provides participants with an understanding of the theory and practical aspects of Integrated Safety Management Systems (ISMS) and is designed for anybody working within safety critical industries like aviation, surface transportation, mining and construction, oil and gas, power and water utilities, essential and emergency services and healthcare service delivery.**

The focus of this practical 5 day training program is to demonstrate how disparate and isolated safety management elements can be **integrated** to minimise duplication and wasted resources.



## WHAT YOU WILL LEARN?

Upon completion of this course, you will be able to:

- Design, implement and maintain an operationally effective ISMS to exceed your industry standards
- Understand regulatory requirements, risk management and accident investigation relating to ISMS
- Knowledge and understanding of ISMS, to audit, assess, and promote compliance with SMS regulations.
- Knowledge and understanding of ISMS, to be able to evaluate its role as a possible contributing factor in an accident or incident
- Knowledge and understanding of ISMS, to be able to implement a fully integrated ISMS that supports your business and complies with regulatory requirements

## WHO SHOULD ATTEND?

This course is beneficial to senior executives and management involved in work health safety, risk management, financial management, quality assurance, emergency management and corporate governance:

- Legal experts and government officials
- Safety Investigators/Auditors
- Industry Safety Regulators
- Those responsible for Safety Information Analysis
- Human Resource Managers
- General and line managers
- Environmental managers
- WHS and injury management personnel
- Quality, risk, compliance and assurance managers

## WHAT IS COVERED?

- Introduction and Background to ISMS:
  - Why ISMS?
  - Integrating SMS with the business and operational processes of the organisation
  - Basic principles and benefits of ISMS
  - Cost benefit analysis
  - Safety culture
  - Customised applications of ISMS
  - Various Industry regulatory standards and Recommended Practices
- Human Factors and Systems Safety:
  - Introduction to human factors
  - Human performance capabilities and limitations
  - The Reason Model of systems safety
  - Measuring the 'safety health' of an organisation
  - Models of human error and managing them
  - Violations and management of violations
- Implementation of ISMS Elements:
  - Gaining senior management commitment
  - Setting policies and objectives
  - Appointing key roles and responsibilities
  - Organisational structure and safety accountability
  - Safety reporting
  - Safety performance indicators
  - Risk management
  - Developing and writing an ISMS manual
- Monitoring and Maintaining the Effectiveness of an ISMS:
  - Safety performance
  - Audit and management review
  - Levels of compliance
  - Continuous improvement
  - Safety education, training and promotion
  - Emergency and crisis response
  - Accident and Incident Investigation
- Essentials of Risk Management:
  - Risk assessment: The bow tie analysis method
  - Hazard identification
  - Establishing a process to manage risks
  - Managing safety in a changing environment
  - Practical drift
- Safety Information Systems:
  - Setting up of a safety information system
  - Collecting information, interpretation and analysis of safety information
  - Systems to control information and data
- Major Course Exercise:
  - Team based activity to provide understanding of how an integrated SMS may be used proactively to identify and rectify potential incident contributing factors



## TESTIMONIALS

*"Instructors are knowledgeable and helpful. For someone with no knowledge about the SMS system, I certainly was able to learn and take-home new knowledge".*

Senior Flight Safety Executive, Singapore Airlines Limited

*"Instructors have exceptional knowledge about safety management systems"*

Safety Manager, Civil Aviation Authority, Mongolia



## COURSE LOCATIONS

Auckland, Dubai, Perth & Singapore

## DURATION

5 days

## FEE

USD\$2,300 per person

## DISCOUNT

- Group Discount – Three or more participants registered for the same course, from the same organisation and billing source:
  - Three to six: 10%; Seven or more: 20%

## ABOUT GLOBAL SAFETY TRAINERS

We provide public and client focused practical training programs throughout Australia, New Zealand, Asia, North America, South Africa and Latin America, customised to national culture and language requirements. All our training programs utilise industry focused case studies via 3D animation and other multi-media delivery methods. Our course facilitators have both formal vocational training qualifications and second to none experience in practically applying their field of expertise in a variety of industrial settings.



## LEARNING ACTIVITIES

- Interactive presentations
- Team Based Case Study work
- Provision of USB drive with comprehensive papers, tools, resources, templates and checklists that can be applied back in the workplace

## COURSE FACILITATORS

### Professor Patrick Hudson

Professor Emeritus Patrick Hudson is one of the world's leading authorities on the human factor in the management of safety, in the oil and gas industry, commercial aviation and medicine. He was the Project Leader of the Tripod Research program for Shell International and was involved in developing Shell's approach to safety management systems after the Piper Alpha disaster.



His involvement with aviation includes working with companies such as British Airways, Cathay Pacific, Malaysian and Singapore Airlines, and Airbus. In medicine he has concentrated upon bringing his experience in industrial risk management, especially in the area of medication error. He also advises other industries, including the mining industry and was also appointed to the safety oversight board of the European Union's main nuclear research reactor. More recently he is a testifying expert on process safety and safety culture in the trial in the US 5th Federal court in New Orleans on the BP Deepwater Horizon disaster in the Gulf of Mexico.

**Dr Graham Edkins** is a qualified Organisational Psychologist and internationally regarded human factors and safety management systems expert with broad experience as a transport safety regulator,

group safety manager and independent investigator. As a former Air Safety Investigator (Human Performance) with the Australian Transport Safety Bureau (ATSB), Manager Flight Safety Investigations for Qantas Airways, Executive Director of Public Transport Safety Victoria and Group General Manager of the Civil Aviation Safety Authority (CASA), he brings a wealth of experience and detailed knowledge of contemporary safety regulation, major event investigation and human error management practices. Dr Edkins is regularly retained as an independent safety investigator and human factors expert witness for various civil and criminal matters. Additionally, he provides ongoing safety and human error management coaching services to several company boards and executives in a range of safety critical industries.



## CLIENT FOCUSED PROGRAMS

Contact us at [www.globalsafetytrainers.com](http://www.globalsafetytrainers.com) or send an email to [admin@gstrainers.com](mailto:admin@gstrainers.com) if you would like more information on how this program can be tailored to your specific organisational or industry requirements.