



Hazard Identification and Risk Assessment

Course Benefits

This one-day workshop style event provides participants with the enhanced skills and techniques which are required to undertake Hazard Identification and Risk Assessment.

As a vital element of an effective Safety Management System (SMS), participants returning from this event will be able to:

- ▶ Provide your SMS the vital 'fuel' it needs to become an effective business improvement tool
- ▶ Reduce corporate exposure to risk by effectively and proactively identifying your risks and hazards
- ▶ Rationalise your risks so that you can act on the most significant first
- ▶ Improve regulatory confidence in your ability to manage safety

Course Overview

This course is a very interactive workshop that takes those with previous training in SMS to a higher level of understanding regarding risk.

The purpose of the session is to demonstrate how the likelihood of an accident could be reduced by taking a proactive and structured approach to identify the various hazards and then carrying out an appropriate risk evaluation. The session involves participants using real life examples that matter to them.

The workshop uses lots of syndicate exercises and industry examples to highlight the points raised. The session concludes with a discussion about techniques to effectively report analysis back to management / business teams.

Who Should Attend

This is an advanced practitioners' course suited to those undertaking management of the safety system, typically:

- ▶ Safety Managers
- ▶ Quality Assurance / Control Staff
- ▶ Shift Controllers
- ▶ Line Managers
- ▶ Inspectors and Supervisors

Additionally it would prove useful for any staff that needs an understanding of SMS, such as:

- ▶ Shop Floor Staff
- ▶ SMS Stakeholders

Learning Outcomes

By the end of the course participants will be able to:

1. Describe the difference between hazard and risk
2. Identify hazards proactively
3. Discuss the threats to a safety system and explain how they impact on hazards
4. Model hazards and demonstrate how they can be predictable
5. Assign risk ratings to hazards using risk matrices
6. Develop and enhance company specific risk matrices

Comments from previous participants

"There was not a single question that could not be answered"

"A very enjoyable day that I found of great use in my role, I will apply some of the techniques I heard today for sure"

"This is my third Baines Simmons course, all brilliant – when is my next! Great work thanks"

Related Courses:

TS01 – Safety Management Systems – Essentials for Managers

TS02 – Safety Management Systems – Effective Implementation

TS05 – Effective Event Investigation (Maintenance)



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Key Topics Covered

As this is a workshop, the topics below act as a guide and will be followed as the participants require.

- ▶ Basic overview of the regulatory perspective associated with SMS
- ▶ How HIRA forms an integral part of fuelling the SMS
- ▶ The role of the assessor and how to undertake duties proactively
- ▶ Defining hazards and risks and understanding the links of each to safety
- ▶ The use & development of risk matrices to more effectively understand and categorise risk
- ▶ The Feedback of findings to senior teams to ensure action on key areas

Presentation Format

A balanced mix of group discussions, whiteboard work and PowerPoint presentations. Managed syndicate exercises afford participants the opportunity to practise the application of new processes and techniques.

Accreditations

This course is *aligned* with the EASA system of learning

General	Familiarisation with the principal elements of subject
Detailed	Detailed knowledge of theoretical and practical aspects of subject
Specialised	Detailed process-oriented knowledge of theoretical and practical aspects of subject

Assessment Process

Method: Course assessment and feedback from facilitator. An end of course exam is not normally given, although this can be provided if required by the client.

Duration / Course Size

- 1 day
- 12 maximum - open course
- 16 maximum - on-site at your facility

Book now or call us for a discussion of your needs

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Ref: TS06 - Hazard Identification and Risk Assessment

The Baines Simmons Difference

Our expertise and enthusiasm have made us trusted partners to **250 of the world's leading aviation organisations.**

10 reasons clients say they use us...

1. International market leaders
2. 99.8% participant recommendation
3. Extensive range of courses
4. Latest up-to-date knowledge
5. Catalysts for change
6. Inspirational training consultants
7. In-company customised training
8. Proven training results
9. Global aviation perspectives
10. Successful track record

Our Training Philosophy

To get the best from people we believe you must not only enhance their skills, but also awaken their drive, enthusiasm and belief that they can make a difference. To achieve success we focus on inspiring participants in the will to professionally succeed. We believe it is the combination of desire as well as skills that determines success.

Our Approach

Our programmes are designed from the outset to achieve successful learning outcomes so that participants will enjoy positive learning experiences – using a powerful mix of practical know-how and subject matter expertise. We use:

- ▶ Industry leading consultants
- ▶ Broad hands-on knowledge and experience
- ▶ Professional learning techniques

You can always rely on a Baines Simmons course to provide:

- ▶ 100% commitment to high energy, high impact learning
- ▶ PRACTICAL best practice techniques
- ▶ Consultants that are EASA licensed aircraft engineers and/or ex-regulatory Aviation Authority personnel
- ▶ The flexibility to tailor around your working environment and requirements
- ▶ Stimulating / interactive presentations
- ▶ The latest thought-leadership thinking, including real world case studies, investigation reports and analysis