

Human Factors for OIL & GAS Industry Staff Train the Trainer – 3 Days

Introduction

Human factors training is crucial for workers in the oil and gas industry due to the complex and high-risk nature of their work. The oil and gas industry involves operations such as drilling, production, refining, and transportation of hydrocarbons, which are inherently hazardous and can have severe consequences if safety measures are not followed. Human factors training addresses the interaction between individuals, their tasks, and the environment, with the aim of optimizing safety, efficiency, and overall performance.

This comprehensive three-day course is focused on building training competence as a Human Factor Instructor in the Oil & Gas Industry. To prepare your Instructor to be able to share a deep understanding of human factors and their impact on safety, efficiency, and productivity within the oil and gas industry.

By recognizing and managing human factors, you will be equipped to mitigate risks, prevent errors, and promote a culture of safety and excellence in your workplace.

We need to effectively manage human factors within the organization, to do so we need to address the risks and exposures, all threats need to be understood and mitigation put into place to address them, having your own instructor and instructional methods will directly support this objective.

The course is specifically designed to provide a comprehensive understanding of the requirement for effective Human Factors Training and build competence with the goal of ensuring that the trainer has the appropriate material to be able to deliver the training in an effective and clear manner, to be able to motivate and to facilitate debate and discussion.

Who is the course for?

The course is focused on the needs of the Oil & Gas HF Instructor to be compliant with the obligation to complete Instructional Techniques Training.

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| Category | Personal Development |
| Venue | On Demand |
| Level | Basic |
| Price | On Demand |

What is the Benefit of this Training – What will I learn?

- a) Develop the competence to implement and manage your organization's HF Program
- b) Understand how to promote a human factor-driven approach to safety
- c) Develop your specific Human Factors awareness and competence as an HF trainer providing support for a positive Safety Culture
- d) Be able to motivate the workforce using soft skills that complement your technical competency
- e) Understand the most effective delivery methods for Human Factor Training
- f) Be able to communicate effectively the human causes of error and an understanding regarding a proactive approach to the avoidance and mitigation of errors.
- g) Be able to facilitate In-company Human Factors and Error Management workshops

Detailed Content / Topics - The following Subjects will be addressed

Day 1

- Why do we have Human Factors Training?
- Background to Human Factors
- General Introduction to Requirements
- Understanding Top HF Precursors
- The Challenges of Providing Human Factors Training to an Adult Group
- Trainer Personal Development & Coaching
- Delivering Effective Human Factors Oil & Gas Training – Personal Considerations
- Creating a Positive Learning Atmosphere
- The HF Trainers Learning Path
- Understanding the role of Extrinsic & Intrinsic Motivation
- Communicating / Giving Feedback
- Speaking in Public – Developing your skills

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Day 2

- Balancing Presentation, Motivation Debate & Discussion
- Non Verbal Communication
- The use of case studies
- The Relationship between Human Factors and Safety Management
- Safety Culture and Effective HF Training
- Human Factors the Safety Cycle and Risk Assessment
- Error, Violations, Blame & Culpability
- Error Models

Day 3

- Relationship Management
- Teaching Styles - Deductive or Inductive?
- Regulatory & Best Practice requirements for a Compliant HF training Program
- Developing a Training Needs Analysis
- Developing your Organisation Human Factors Training Program
- Developing the HF Lesson Plan
- Your Own Presentation

Pre-requisites

This course will be of very significant benefit to potential Human Factors trainers who need to have the necessary competence to deliver effective Human Factor Training. Supervisors, Managers and other Training staff will also benefit from attendance at this course.

Pre-requisites

A background in an Oil & Gas Operations environment. In Addition it will be highly beneficial if you have also attended several Human Factor training courses.

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Learning Objectives

After attending this course, participants should be able to develop a company-specific comprehensive Human Factors Training program

What do People Say about Sofema Aviation Services Training?

"I found satisfying answers to all my questions."
"The instructor demonstrated very deep knowledge of the subject."
"The length of the course fit my needs and expectations."
"The content was really effective, I gained a lot of new knowledge."
"The practical examples were perfectly delivered."

Duration

3 days – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.
To register for this training, please email team@sassofia.com or Call +359 28210806

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