

Training Title

FACILITATE RISK ASSESSMENT, PROPOSE RECOS LIAISE & FOLLOW UP

Training Duration

5 days

Training Venue and Dates

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|--------------|---|--------|----------------|---------|---------------------------|
| REF HS013 | Facilitate Risk Assessment, Propose Recos Liaise & Follow Up | 5 days | 17-21 Feb 2025 | \$6,500 | Amsterdam, Netherlands |
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Training will be held at any 4 or 5 Star Hotels. The exact venue will be informed of later.

Training Fees

\$6,500 per participant for Public Training including Course Materials/Handouts, Tea/Coffee, Refreshments & Lunch

Training Certificate

Define Management Consultancy & Training Certificate of course completion will be issued to all attendees.

TRAINING OVERVIEW

TRAINING DESCRIPTION:

The assessment and control of risk are essential requirements for a proactive HSE management system. This course covers the process of facilitating, analysing, and evaluating hazards which involves both causal and consequence analysis and requires determination of likelihood and risk.

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The course aims to provide hands-on experience in the application of risk assessment techniques to all aspects of production operations. It ranges from workplace/activity to the task-based risk assessments and advanced risk assessment techniques. Analysis of the consequences of major hazards. Aspects of human error in relation to accidents are analysed and included in the general framework of risk assessment.

TRAINING GOAL:

To enhance the participant's knowledge, skills, and abilities to necessary to understand how to facilitate and manage risk assessment.

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TRAINING OBJECTIVES:

By the end of this course, the participant will be able to:

- Recognize the difference between hazard, risk and risk assessment
- Evaluate different types of risk
- Apply risk assessment techniques
- To describe the role and structure of the HAZOP team and procedures.
- To introduce the role, responsibilities and conduct of HAZOP team leader.
- To provide sufficient hands-on experience in the application of the HAZOP to different processes, systems, and machinery.
- Develop a strategy for planning and implementing risk reduction action plans
- Develop the skills of applying advanced risk assessment techniques
- Develop a strategy for planning and implementing risk reduction action plans

TRAINING METHODOLOGY:

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions and motivate everybody to find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of the multiple-choice type will be made available on a daily basis to examine the effectiveness of delivering the course.

All presentations are made in excellent colorful power point. Very useful Course Materials will be given.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work & Practical Exercises
- 20% Videos & General Discussions

WHO SHOULD ATTEND?

- All Supervisors and line management who need to fulfil their role within HSE-MS
- Production, process, mechanical, control, maintenance and HSE personnel
- Operator II (Production), Engineers, Supervisors, It is aimed at people with a stake in Operational and production Success working in the Oil & Gas Industry,
- All personnel involved in implementing the Company's HSE Management System

COURSE OUTLINE:

Definitions:

- Hazard
- Hazard Identification

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- Risk
- Risk Assessment
- Risk Control.
- Fundamentals of Facilitation

Systematic Risk Assessment

- Define Objectives
- Identify Risk Events

Risk Assessment Techniques: HAZOP

- Introduction to hazards identification and analysis techniques
- Techniques for hazard identification and analysis - HAZOP
- Syndicate exercise - application of HAZOP to relevant processes
- Integrating HAZOP within the risk management system
- Planning and implementing HAZOP Actions

Risk Assessment as one of the Safety Management Systems' Elements.

Work Permit System and Risk Assessment

Spot the Hazard

Assess the Risks

Risk Assessment Table

Control Measure Determination

Monitor and Review

Hazards Checklist

Control Measures Guidance

Risk Matrix Technique, that Include Probabilities and Consequences

Sensitivity Analysis

Decision tree Analysis

Technical Uncertainties Facilitation and Management

- Exploration
- Appraisal and Feasibility Studies
- Development Planning
- Production

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Commercial Uncertainties Facilitation and Management

- Market Factors
- Human Factors

Portfolio Facilitation and Management

- Overview
- The Budget Line
- Indifference Curves

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- Market and Taste Combined
- The Efficient Frontier with Respect to Risk and Value
- Impact of Diversification on total Portfolio Risk
 - Promoting a positive safety culture
 - Introduction to Safety Culture
 - Techniques for improving safety culture.
 - Measuring improvements in safety culture
 - Integrating safety culture within the HSE Management System

NOTE:

Pre & Post Tests will be conducted.

Case Studies, Group Exercises, Group Discussions, Last Day Review & Assessments will be carried out.



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