

BOWTIE RISK MANAGEMENT

PROGRAM OVERVIEW

This course provides a training which includes understanding of the basic Risk Management terminologies and on how the Bow-Tie methodology is used when doing Risk Assessment. The BOWTIE is a risk evaluation method that can be used to analyze and demonstrate causal relationships in high risk scenarios. The method takes its name from the shape of the diagram that you create, which looks like a men's bowtie.

Bow-Tie technique is used for analyzing hazard scenarios, identify existing barriers or controls, identify escalating hazards and managing the risk effectively. Using visual diagram, Bow-Tie technique is an excellent tool for communication in every level of workforce in an organization. The participants will learn the Bow-Tie methodology as well as gain hands-on experience through Bow-Tie workshop.

At the end of this training, participants will have a good understanding on:

- Differences between hazards and risks.
- How to identify the hazards, analyze and control the risk effectively.
- Prioritize control measures by using the Risk Control Hierarchy.
- How to create a BOWTIE Risk Analysis model with the threats, consequences and the control measures with the members at workplace.

Course Benefits

- Understand basic Risk Management Terminologies
- Understand the 3 steps of Risk Management
- Learn how to create a Job Safety Analysis
- Learn to conduct qualitative risk assessments using Bow-Tie Methodology
- Learn to use Bow-Tie method as an alternative to other practiced compliance methods
- Hands-on experience through Bow-Tie workshop

KEY MODULES

WHO SHOULD ATTEND

- Engineers and Technicians
- Supervisors
- HSE Professionals
- Safety Committee Members
- First Level Management

PROGRAM METHODOLOGY

- Interactive Lecture
- Group Dynamics
- Case Studies

- HSE Definitions
- Basic Risk Management
- Understanding Job Safety Analysis
- Introduction to Bowtie and its Methodology
- Understanding Top Events and Potential Threats
- Identifying the Potential Consequences
- Identifying Potential Escalation Factors and Controls



**HRDF / SBL
CLAIMABLE**



BOWTIE RISK MANAGEMENT

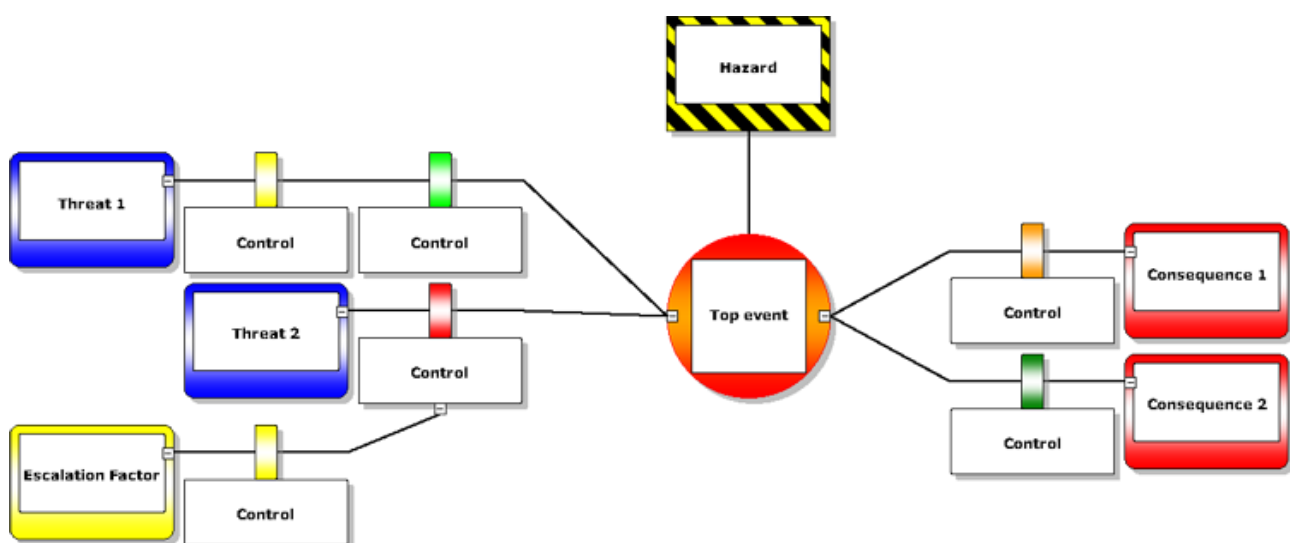
2-Day Course

Day - 1

- ☐ Understanding basic HSE Definitions like Hazard, Risk etc.
- ☐ Hazard Identification Group Exercise
- ☐ How to manage risk using the Risk Management Steps
- ☐ Generic Risk Assessment Tools (Matrix, Hierarchy etc.)
- ☐ Understanding Job Safety Analysis with Group Discussions / Exercise
- ☐ Introducing Bowtie and its Methodology

Day - 2

- ☐ Understanding Top Events and Potential Threats
- ☐ Identifying the Potential Consequences
- ☐ Prevention and Mitigation Control Measures as Barriers
- ☐ Identifying Potential Escalation Factors and Coming Out with Controls
- ☐ Case Study on Bowtie Risk Analysis
- ☐ Case Study Group Presentation on Bowtie Risk Analysis
- ☐ Course Summary





SUGU SUBRAMANIAM

Sugu Subramaniam is an extremely skilled and humorous Training Consultant who has provided training to workers at conferences and business locations as a self-employed professional for several years. He has exceptional presentation skills and training program design abilities.

He has more than 20 years of experience working in the Oil & Gas Industry as a HSE Professional working with Schlumberger which is the biggest Oil & Gas Service Provider in the world. He has been involved in HSE Management and Training in almost every part of the world throughout his career in the Oil and Gas Industry.

He has also travelled extensively throughout Asia Pacific and Middle East to conduct trainings for junior employees and up to top level management.

| Course Title | Individual Price | Grouping Price (min. 3 pax) |
|--|--------------------|--------------------------------|
| 2 DAYS BOWTIE RISK MANAGEMENT □ TBA Kuala Lumpur, Malaysia | RM 2,200.00 | RM 2,000.00 |

**Special RM 100
Discount for
MOGEC Member**

PARTICIPANTS

Name :
 Job Title :
 Telephone :
 Email :

Name :
 Job Title :
 Telephone :
 Email :

Name :
 Job Title :
 Telephone :
 Email :

Note: Please attach a list of participants if insufficient space.

AUTHORISATION

Name :
 Job Title :
 Telephone :
 Email :

ORGANISATION

Name :
 Telephone :
 Fax :

SEND INVOICE TO

Department :

Address :

PAYMENT DETAILS

- Participants are required to pay before or on the first day of the course.
- (Please Tick Where Applicable)

☐ Cheque made payable to
Pace Up Sdn. Bhd.

☐ Bank Transfer: Pace Up Sdn. Bhd.
 Bank: Malayan Banking Berhad
 Bank Address: Taman Setiawangsa Branch,
 Wisma Prima Peninsular,
 2, Jalan Setiawangsa 11,
 Taman Setiawangsa,
 54200 Kuala Lumpur.

Account No.: 562188319491
 Swift Code: MBBEMYKL

(All bank charges to be borne by payer. Please ensure that 'PaceUp' receives the full invoiced amount.)

- We do not give refunds for cancellations. However, you may substitute participant (s) at any time.
- If we receive cancellations in writing more than (7) days before the training course, you will receive a 100% credit (valid for one year) to be used for another training course.
- Cancellations received less than seven days before to the training course may result no credit for future training.
- If we postpone training course, participant payments for the postponed course will be 100% credited towards the course at a rescheduled date.
- We shall assume no liability whatsoever in the event this training course is cancelled, rescheduled or postponed.

IN HOUSE TRAINING SOLUTION

☐ Yes, I would like to organise this training course in-house and save up to 50% of total course fees! Please send me more information

