

PROJECT RISK MANAGER



Plan the Work, and Work the Plan

Project Risk Management Essentials for Project Professionals

TRAINER

Michael Shuttleworth Pr. Eng. B.Sc. Mech. Eng. (Hons)

Michael Shuttleworth has over 27 years' experience in engineering and managing projects ranging from original equipment manufacture and supply projects, to multi-billion-dollar EPCIC offshore oil & gas projects.

He has managed projects in multiple industry sectors including: Industrial Manufacturing, Buildings & Infrastructure, Mineral & Chemical Processing, Water Treatment and Oil & Gas. Michael has also worked in over 12 countries around the world, gaining a broad understanding of how projects are managed in different industries and regions.



ABOUT THE COURSE

What You Will Achieve:

- Learn how to accurately identify and define project risks
- Understand the Cumulative Risk Effect
- Learn how to apply bow-tie risk analysis methods
- Explore different risk management techniques
- Understand project context and risk boundaries
- Learn how to distinguish between real and perceived risks
- Learn how to quantify risk probability and impacts
- Understand risk impact categorisation
- Learn optimum mitigation techniques
- Master the process of efficient risk management

WHO SHOULD ATTEND

- Project Directors
- Asset Managers
- Project Managers
- Project Risk Managers
- Contract Managers
- Project Engineers
- Discipline Engineers
- Technical Assistants

COURSE OVERVIEW

This training course is designed to help project teams and businesses accurately and efficiently identify, quantify and mitigate risks which threaten to disrupt, or derail, their projects. The course content is applicable to all industry sectors where projects are undertaken, and are of a value and nature that necessitate formal risk management. It is tailored for personnel who are either involved in, or responsible for, the successful execution of these projects.

The training and application of the risk management methodology covered in the course will benefit all people who are involved in any type or size of project, be it small single-discipline type projects through to multi-discipline mega projects.

The course is based on the principals of ISO 31000:2009, "Risk Management - Principles and Guidelines" and ISO 31010:2009, "Risk Assessment Techniques".

COURSE OUTLINE

We offer two training course options. One is a fully comprehensive 5-day course that covers both the theoretical and practical aspects of Project Risk Management in detail. The other is an intensive 3-day workshop that focusses more on the practicalities of applied Project Risk Management.

The main topics covered during both the 5-day course and the 3-day workshop include:

- Risk Management Planning
- Project Context and Risk Boundaries
- Risk Identification
- Risk Analysis & Evaluation
- Risk Response Planning, Implementation & Control
- Applied Project Risk Simulation

TRAINERS PROFILE

Michael began his career in 1990 as a graduate Mechanical Engineer, designing pneumatic and hydraulic power supply systems for an OEM company in Vancouver, Canada. He subsequently went on to work as a Project Engineer in the buildings and infrastructure industry sector in London, England before joining Chemplast Marc Etter (Pty) Ltd. in South Africa in 1994 as Engineering Manager for their thermoplastics design & fabrication division.

In 1998 Michael became CEO of a new joint venture company responsible for the design, fabrication, supply and installation of chemical mass transfer and mist elimination products in Southern Africa. Over a period of four years the company quadrupled its sales turn-over and won a recognition award from the South African Institute of Chemical Engineers for Innovation and Development in Product Awareness in 2002.

Michael moved into the Oil & Gas services industry when he joined Petrofac Engineering Services in Woking, England in 2006. While at Petrofac he managed various FEED and EPCIC projects around the world and was based in 6 different countries during his tenure with Petrofac. His most recent assignments being Project Manager for two multi-billion-dollar offshore oil & gas field development projects in Malaysia.

Having worked in over 12 countries around the world and having managed projects of all sizes across a broad range of industry sectors, Michael has developed a unique knowledge of how projects are managed (and often mismanaged) in multiple industry sectors across the globe.

In 2014 Michael formed a partnership with other professionals of similar experience and background to establish Shuttleworth Consulting Services Ltd. This consultancy specialises in Project Management and Project Risk Management training, consulting and workshop facilitating. The company has also independently developed, and owns, the highly rated risk management software application, called Project Risk Manager®.