



*Training Course:
Business risk management – ISO 31000 for
Engineers*

19 - 23 January 2025

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: Business risk management □ ISO 31000 for Engineers

Training Course code: HE234958 From: 19 - 23 January 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3575 □ Euro

Introduction:

Business Risk Management is an essential aspect of any engineering project. The goal of Business Risk Management is to identify, assess, and prioritize risks and develop strategies to minimize their impact on the project. ISO 31000 is a globally recognized standard for managing risks in organizations. This training program is designed to provide engineers with an understanding of Business Risk Management principles and the application of ISO 31000 in engineering projects.

The program will cover the following topics:

- Understanding the concept of Business Risk Management
- Overview of ISO 31000 and its principles as they apply to engineering projects
- Identifying, evaluating, and prioritizing Engineering Risks
- Developing a Risk Management Framework for Engineering Projects
- Managing Engineering Risks using ISO 31000
- Implementing ISO 31000 in Engineering Projects

By the end of the program, participants will have:

developed skills and knowledge necessary to effectively manage risks in engineering projects using the principles of ISO 31000. The program will be interactive and will include a combination of lectures, group discussions, and practical exercises.

Target Audience:

This training program is designed for engineers and other professionals who are responsible for managing risks in engineering projects.

Objectives:

- To provide an understanding of the concept of Business Risk Management and its principles for engineers
- To understand the relationship between Business Risk Management and ISO 31000 for engineers
- To develop the skills to identify, evaluate, and prioritize Engineering Risks
- To understand how to develop a Risk Management Framework for Engineering Projects

- To develop the skills to manage Engineering Risks using ISO 31000
- To understand how to implement ISO 31000 in Engineering Projects

Outlines:

Day 1:

Introduction to Business Risk Management and ISO 31000 for Engineers

- Introduction to the concept of Business Risk Management
- Overview of ISO 31000 and its principles as they apply to engineering projects
- Understanding the relationship between Business Risk Management and ISO 31000 for engineers
- Overview of the 5-day training program

Day 2:

Understanding Engineering Risks

- Types of Engineering Risks
- Identifying Engineering Risks
- Evaluating Engineering Risks
- Prioritizing Engineering Risks

Day 3:

Developing a Risk Management Framework for Engineering Projects

- Developing a Risk Management Policy for Engineering Projects
- Establishing a Risk Management Team for Engineering Projects
- Implementing a Risk Management Process for Engineering Projects
- Integrating Risk Management into the Engineering Project Processes

Day 4:

Managing Engineering Risks using ISO 31000

- Implementing a Risk Assessment Process for Engineering Projects
- Developing Risk Treatments for Engineering Projects
- Monitoring and Reviewing Risks in Engineering Projects
- Continuous Improvement of the Risk Management Process for Engineering Projects

Day 5:

Implementing ISO 31000 in Engineering Projects

- Integrating ISO 31000 into the Engineering Project Management System
- Implementing an ISO 31000-compliant Risk Management Process for Engineering Projects
- Evaluating the Effectiveness of the Risk Management Process for Engineering Projects
- Continuous Improvement of the ISO 31000-compliant Risk Management Process for Engineering Projects

Registration form on the Training Course: Business risk management □ ISO 31000 for Engineers

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