

Risk Analysis

The goal is to introduce the most widely used risk analysis methods and how to select suitable methods for your projects. The basics of the risk magnitude estimation are presented. The organization of a risk analysis project is discussed, including effective, documenting and practices. Bring a scientific calculator.

WEBINAR: Risk Analysis

WELCOME and introduction

1. Basic Terms and Concepts

- Risk analysis importance
- Concepts, definitions, terms, standards
- Risk analysis principle, methods, selection, ensuring sufficient scope

2. Preliminary Risk Analysis

- Simple risk detection: Check lists, Potential Problems Analysis, Hazard Analysis,
- Risk magnitude, how to calculate and use in risk classification

LUNCH

3. Risk Analysis for Processes and Systems

- Process structure, subsystems, operational modes
- Methods, overview: Hazop, FMEA, Action Error Analysis, RAM etc.
- Risk reduction, SIL, LOPA, residual risk

4. Risk Management Systems

- Risk management system: basic tools, documenting
- Risk management, Reliability management, Safety management, examples
- Discussion: Minimum requirements in a technology project.

CONCLUSIONS, discussion

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Price: eur/ team. Included: Course materials in pdf.

Cancellation latest 1 week before, after that 50 % fee is charged. If the cancellation is not made, the whole fee will be charged.