

المعهد العربي للمحاسبين والقانونيين

ARAB INSTITUTE FOR ACCOUNTANTS & LEGAL



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Risk Management

Risk Assessment Techniques

Overview:

Risk assessment is that part of risk management which provides a structured process that identifies how objectives may be affected, and analyses the risk in term of consequences and their probabilities before deciding on whether further treatment is required.

INTRODUCTION

These objectives may relate to a range of the organization's activities, from strategic initiatives to its operations, processes and projects, and be reflected in terms of societal environmental, technological, safety and security outcomes, commercial, financial and economic measures, as well as social, cultural, political and reputation impacts.

PROGRAM TOPICS

- Functional safety — Safety instrumented systems for the process industry sector
- Functional safety of electrical/electronic/programmable electronic safety-related systems
- Hazard and operability studies (HAZOP studies) — Application guide
- Food safety management systems — Requirements for any organization in the food chain
- Safety aspects — Guidelines for their inclusion in standards
- Dependability management — Application guide — Reliability centred maintenance
- Weibull analysis
- Analysis techniques for dependability — Reliability block diagram and boolean methods
- Application of Markov techniques
- Software and systems engineering — High-level Petri nets
- Analysis techniques for dependability — Petri net techniques2
- Hazard and operability studies (HAZOP studies) — Application guide



COURSE MATERIAL



COURSE STATIONARY



PARKING



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