

Practical seminar fault tree analysis and FME(C)A

20

Seminar-No. 01.07



Online-Seminar*

DATES & COSTS

21.03.2023

Nuremberg

05.09.2023

Nuremberg

Length:

1 Day

Fee:

700,00 €

incl. lunch and certificate of participation
plus VAT

* On-demand

TARGET GROUP

- Safety Manager
- Technical Project Manager
- Safety Case, Development,
Quality, Assurance Staff

LANGUAGES



DESCRIPTION

As part of the work in the topics of safety analysis and safety demonstration, there is a need for structured procedures. The seminar offers an introduction to fault tree analysis (FTA) as a top-down procedure.

With the fault tree analysis you will answer the question: What leads to the undesired event under which circumstances? The seminar also offers an introduction to FME(C)A as a bottom-up procedure. With the FMEA, you and your team have the opportunity to answer the questions such as: What hazards are relevant in my system/process?

Adding the criticality analysis (FMECA) enables you to estimate importance of the identified failures.

SEMINAR CONTENTS

DAY 1 09.30-17.00

- Basics FTA / theory part Qualitative FTA and quantitative FTA
- Creation of Qualitative FTA with Microsoft Visio
- Presentation of the creation of quantitative FTA with the tool RELEX
- Basics FME(C)A - documentation and application possibilities
- Case study for the creation of FME(C)As
- Limits of the procedures
Which procedure is sensibly used and when? Level of detail - when is the procedure completed?