

Normal Accidents

Objective:

To give the participants thorough understanding of contributing factors leading to accidents in complex environments like aviation, transportations, and similar areas.

The book 'Normal Accidents' by Charles Perrow, who has studied throughout many years the phenomena behind complexity and accidents, was an inspiration to the presentation. Charles Perrow's book is recommendable.

'Normal Accidents' is a notion of how things, which are normally not connected, accidentally become coupled and lead to catastrophic mishaps.

The expression 'Normal Accidents' imply that in complex systems it is normal that certain components fail (including human decisions and actions), and that the interaction of these failures often catches the operator by surprise and momentarily are incomprehensible.

Perrow's arguments are transferred to different situations and presented

Target population:

Persons from any company, who works in complex environment and may become subject to a 'Normal Accident' and/or persons who work with preventive actions and hazard mitigations.

Since the majority of the examples are taken from commercial aviation, the presentation has a great appeal to people from this industry.

Presentation:

Duration:

2-4 hours depending on the purpose of the presentation. The presentation can be customized in order to enhance the relevance and match the background of the audience and have been used as a part of corporate internal training & motivation.

Participants:

Minimum 15

maximum 60

It is advantageous if participants have practical experience from aviation environments or similar complex environments.

The program comprises stand up presentation by means of a power point, video clips, small case studies, and challenges of participants. Many different examples and aspects related to "Normal Accidents" are presented.

Small discussions and questions & answers are welcomed during the presentation.

Presentation material will be in English. Language spoken English or Danish.

Contact us for further information.