



Practical Risk Assessment

Prevention is better than cure

International Regulations like ISM and Industry Standards like TMSA and OHSAS 18001 require systematic risk analysis associated to shipping with the aim to reduce the number and consequences of accidents.

In order to meet these requirements, DNV has developed this practical course in which risk assessment techniques, risk evaluation methods and its application are in focus. Practical guidance will be given on how to identify, assess and finally reduce risks in an efficient way. This course is an element of the triangle: Incident Analysis, Risk Assessment and Behavior Management.

Target group

- > Both office and seagoing staff at all levels e.g. managers and senior officers;
- > Personnel engaged in planning, design or operation with potential risk to shipboard personnel safety, health or the environment.

Training objective

- > Be familiar with the principles and methods used in Risk Assessment.
- > Be able to apply practical Risk Assessment in accordance with the professional standards both in the shore-based organization and on board.
- > Know how to apply the Risk Evaluation matrix as a Cost-Benefit decision tool.
- > Understand the connection between Incident Analysis and effective Risk Assessment and be able to evaluate options for control measures.

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Course agenda

The course comprises a two-day session covering:

- > Causes of Incidents,
- > Human Failure and Human Error,
- > Generic and specific Risk Assessment,
- > Introduction in Risk Identification techniques: Bow-Tie, SWIFT, JSA and Hazop,
- > Risk Evaluation matrix,
- > Evaluation of Safeguards.

Preparation for the training course

Marine Incident Investigation & Analysis Course

Follow up for this training course

No course in specific.

Training dates, locations and fees

For dates, locations and fees for this course and all other training courses, please check out our website www.dnv.nl/dnvacademy.

In-company

All training courses can be tailor made to fit your organization. The course may be held at your local DNV office, or on your company's premises.

Questions?

Should you have any further questions, please do not hesitate to contact us. We have specialists readily available to answer all your questions.

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