



# Marine Incident Investigation & Analysis Course

“Failure is success, if one learns from it”

Incidents - that may or may not lead to actual loss - are occurring every day. Many of these could have been prevented if only previous incidents would have been reported, properly investigated and analyzed. The objective of investigations is evaluation of existing physical and organizational safeguards and improvement of the effectiveness of the safety management system.

The vast majority of incidents are a direct result of human error. Understanding the basic factors leading to human error is the first step towards a better control of such factors. In this practical course, delegates will become familiar with the techniques to combine investigation and analysis and be able to apply this in daily practice. This course is an element of the triangle: Incident Analysis, Risk Assessment and Behavior Management.

## Target group

- > Senior shore-based and ship-board management,
- > Those involved in safety management.

## Training objective

- > To be able to apply Incident Investigation and Analysis in the own work environment in order to obtain lasting benefits w.r.t. the level of control of basic factors, leading to incidents.
- > To be able to prepare a logical and comprehensive report for stakeholders.

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## Course Agenda

The course comprises a two-day session covering:

- > Causes of Incidents; DNV Loss Causation Model,
- > Human Failure and Human Error,
- > Marine Systematic Cause Analysis Technique (MSCAT),
- > Incident Investigation and Root cause analysis (Fact tree),
- > Evaluation of Safeguards.

## Preparation for this training course

No specific preparation is required.

## Follow up for this training

Practical Risk Assessment

## 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](http://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.

## DNV Academy

T +31 10 292 27 22

F +31 10 479 62 62

E [rotterdamcsm@dnv.com](mailto:rotterdamcsm@dnv.com)

W [www.dnv.nl/dnvacademy](http://www.dnv.nl/dnvacademy)



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