Trends in Risk Level in the Norwegian Petroleum activity (RNNP)

A tool to measure health, safety and environmental conditions in the petroleum activity.

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Video

1 one minute video about "Trends in risk level in the petroleum activity (RNNP)" can be seen at:
http://www.ptil.no/about-rnnp/category911.html
Reports

• Annually, a summary report of almost 50 pages.
  • in English

• In Norwegian:
  - Main report published in April, ~ 400 pages
  - Part 1: the activity on the Norwegian continental shelf
  - Part 2: the 8 land-based plants in Norway
  - Acute oil and chemical spills report
    - published in the autumn

• Findings are valuable for PSA:
  - for planning of supervision activities
  - development of the regulations.
Quantitative and qualitative methods

• Analysis based on numbers from the operators
  - Reporting of indicators for defined hazard and accident conditions
    - Leaks of flammable gas or liquids:
    - Well control incidents:
    - Fire/explosion in other areas:
    - Collisions and other structural damage to a facility:
    - Leaks from subsea production facilities with pipelines and associated equipment
  - Maintenance figures
  - Testing of safety critical equipment

• Social science analyses
  - Questionnaire surveys
  - Interviews
  - fieldwork etc
Personal risk and environmental factors

- The project focuses on personal risk and includes
  - major accidents
  - work accidents
  - selected working environment factors
  - acute discharges.

- Limitations:
  - our area of authority
  - helicopter transport of personnel. (in cooperation with the Norwegian Civil Aviation Authority and helicopter operators on the NCS)

- Work covers:
  - all permanent and mobile facilities on the NCS
  - transport of personnel by helicopter between departure from/arrival at the heliports to landing on/departure from the facilities
  - the use of vessels within the safety zone around the facilities
  - eight land-based plants.
Reports and more information: www.ptil.no