Name of Instrument: **Risk Perception and Safety**
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Privacy Use Cost: $
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Year Developed: 1994

Where to obtain Instrument:
- Contact author
- Referred article

Description of the Instrument
- The instrument is a self-report survey that is used to assess the relationship between risk perceptions and unintentional injuries.
- The questionnaire contained a total of 250 questions divided into the following information:
  - Respondent's age and gender
  - Professional experience
  - Type of job on board
  - Subjective assessment of risk - respondents were asked to rate how safe/unsafe they felt on a 5-point scale.
  - Determination of job-stress - respondents were asked to rate the extent with which they experienced the problem on a 5-point scale.
  - Physical working conditions - included test items which measured heavy physical workload, bad design or workplace, noise, vibration, draughts, etc.
  - Experience of injuries and near-injuries.
  - Satisfaction/dissatisfaction with safety and contingency measures - measured on a 5-point scale ranging from “very satisfied” to “very dissatisfied”.
  - Attitudes towards safety - measured on a 5-point scale ranging from “agree strongly” to “disagree strongly”.
  - Social support from management, supervisors and colleagues - assess aid in the form of changes of environment.
  - Employee and management commitment and involvement in safety work - respondents were asked to rate the extent that their platform managers, immediate supervisors, trade unions and fellow workers are concerned about

their safety. Measured on a 5-point scale, ranging from “very concerned” to “not concerned at all”.
- Job-related strain - assessed sleeping disorders and stomach trouble.
- Risk behaviour
- Perception of instrumental support, emotional support, and informal support.

Form of instrument:
- Questionnaire/Survey
- Safety Assessment Tool

Method of delivery:
- Self-Report
- Mail-out

Relevance to injury/ Percentage of the instrument specific to injury
- Assesses safety practices of the workers.

Time to administer or complete the instrument

Methods of data analyses:
- Quantitative

Setting/sample instrument used in:
- Employees (n = 1138) on oil platforms in the Norwegian part of the North Sea in February 1994.

Was it pilot tested? No

Pilot test sample:

Reliability Measures
- Cronbach's alpha - tested the reliability of the indices and were all found to be satisfactory.

Validity Measures
- Significant correlations ($p<0.001$) between risk perception caused by or related to ordinary occupational accidents and indicators of risk behaviour.
- Significant correlations between risk perceptions with respect to post-injury measures and all the test items measuring risk behaviour.

Reference
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