

Appendix 3A Examples of risks in exploration

See also Appendix 3B ("Risk assessment for drilling project"), where all the identified risks can be filled in – as per the example below.

Occasions with increased risk

- Breakdowns
- Drug abuse
- Missing tools or equipment
- Disruption to materials flow
- Changing or replenishment of materials
- Climate/season
- Unauthorised persons at the site
- Manufacture of special product
- Someone inexperienced carries out the work
- Someone is absent
- Transport in the vicinity of the workplace
- Alterations or repairs

Acute risks

- Tripping/stumbling
- Crushing
- Strains
- Cuts
- Slipping
- Stab wounds
- Falls
- Burns
- Strike/impact
- Electrical injury
- Trapping/pinching
- Poisoning or effect of chemical substance
- Suffocation
- Drowning
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Non-acute (e.g. exposure and stress)

- Noise
- Static work position
- Vibration
- One-sided movements
- Radiation
- Overloading, heavy lifting
- Gas
- Dust
- Mould
- Chemicals
- Heat/cold

Psychosocial factors

- Unclear or contradictory work instructions
- Pressure of time/stress
- Fatigue
- Heavy workload – fast pace of work
- One-sided, repeated and monotonous work
- The physical environment
- Constant changes – insecurity of employment
- Risk of threats and violence
- Social contact
- Solo working
- Unclear expectations of efforts at work – unclear roles
- Work with people
- Shift work – irregular working hours
- Conflict – insults – harassment

External environment

- Storage of chemicals: location in the terrain, storage spaces, containers.
- Leaks from drilling rigs, generators, containers. Other risks of spillage.
- Impact on nearby watercourses, i.e. risks from oil spills or spreading of returned water containing drill cuttings.
- Impact on watercourses/wells used for extracting cooling water for drilling.

External environment (continued)

- Ground damage: choice of driving routes, risks from changes in ground conditions in the event of unfavourable weather conditions, risk of machinery getting stuck.
- Felling of trees, risk of personal injury
- Infringement of applicable permits or agreements with landowners
- Noise (neighbours, animals in enclosures, reindeer herding etc.)