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Document name: Procedure for environmental risk assessment		
Issued by: Jenny Lilliehöök, Environmental Coordinator		
Approved by: Cynthia de Wit, Chair		

## Procedure for environmental risk assessment

### Aim

The aim is to ensure that anyone handling dangerous substances or organisms in their work will be proactive in preventing accidents. Being proactive refers to performing risk analyses and documenting the quantities, danger levels, and environmental impact in case of a spill.

### Scope

The procedure should be applied by anyone handling dangerous substances or organisms in their work.

### Responsibility

Head of department (or equivalent)

### Implementation

Air, land, and water pollution has been deemed an environmental risk in case of an emergency or incident. The risk may be caused by fire, explosions, technical failure, or human behaviour. Environmental risks are divided into chemical, biological, and radioactive risks.

Any department (or equivalent) handling dangerous substances or organisms should make an environmental risk assessment.

An assessment of environmental risks should identify the following:

- How dangerous are the substances/organisms that risk being released into the environment?
- Are there any hazardous substances that, in contact with air, land, water, or fire, will react by forming toxic pollutants (e.g. dioxins) or releasing harmful heavy metals?
- What quantities of hazardous substances might be released in case of an incident?
- How and where might they spread (air, land water)?
- What might be damaged, and how serious is this?
- What short- and long-term impact might this have on the environment?

The risk assessment should be made continuously in KLARA (chemical inventory system) or equivalent.

The department (or equivalent) should, if necessary, write down instructions for environmental risk assessment.



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On the basis of all environmental risk assessments made, the department (or equivalent) should point out which special considerations need to be taken to prevent emissions in the case of an emergency or incident.

Environmental risks and their special considerations should be reported to the safety engineer at the Section for Safety and Security.

Records of the department's environmental risks and their special considerations should be available in the emergency preparedness binder used by the security company. The content should be updated by the person responsible for flammable goods when something changes in the department's (or equivalent) activities. A safety engineer should update the information in the emergency preparedness binder. The security company is responsible for giving the incident commander access to the binder during an emergency response operation.

### **Records**

No records.



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## Appendix 1 Division of environmental risks in case of an emergency or incident

