Suva – insurance plus





Suva – more than just insurance

A comprehensive range of services



suvarisk safelv insured



suvacare



suva pro





SuvaPro

Preventing occupational accidents & occupational diseases



Examples:

- Occupational asthma
- •Eczema
- Diseases caused by the previous effect of asbestos
- Hearing impairment caused by noise
- •...
- Diseases caused by ionizing radiations

Exposure limit values at workplaces



www.suva.ch/waswo/1903



Chapter 3 – Physical influences

Ionizing radiation



Radiological Protection
Act and Ordinance
RPA / RPO

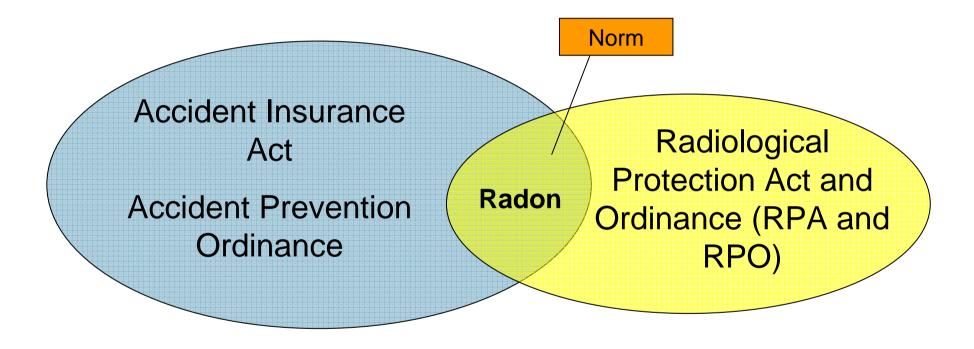
 Limit values for occupational exposure to airborne activity (occupational safety)

Suva – radiation protection team

•Limit values for radioactive substances in the environment (protection of the public)



Radon



Radon - Today



limit value 3000 Bq/m³ averaged over a monthly working period

Radon - Tomorrow

reference value 1'000 Bq/m³

< 1000 Bq/m³
ALARA principle applies



> 1000 Bq/m³ → information of the supervisory authority

Measures to reduce the radon exposure and estimation of the monthly time-integrated radon exposure (Bq - h / m³)

If this value is

< 170 kBqh/m³ ALARA principle applies

> 170 kBqh/m³ planned exposure situation (dose limits)

+ re-estimation of the risk every 5 years at least

New category of workplaces Radon prone workplaces

Obligation to do a radon risk assessment (measurement)

- Army
- Mining
- Waterworks



work in progress

Underground workplaces



Why 1'000 Bq/m³?

- Continuity
- Exposure time is different
- Geological situation
- Activity concentration and NOT a mean value
 - alarm value
 - easier to determine (flexible working time and workplaces)
- Monthly time-integrated radon exposure
 - working time can vary very much over the year
 - dosimetry



The most important prevention tools

Communication Raising awareness

E.g. publications, check-lists

Training Competency

E.g. training offers for safety officers, apprentices

Enforcement Inspection

E.g. workplace inspections (not only radiation protection!)

Key points for discussion

- Communicate of the new reference level
- How to reach the employers?
- Training and supervision of the laboratories