Suva – insurance plus

suva
insurance plus

Suva – more than just insurance

A comprehensive range of services

suvarisk
safely insured

suvacare
safe care

suvapro
working safely

suvaliv
leisure time safety

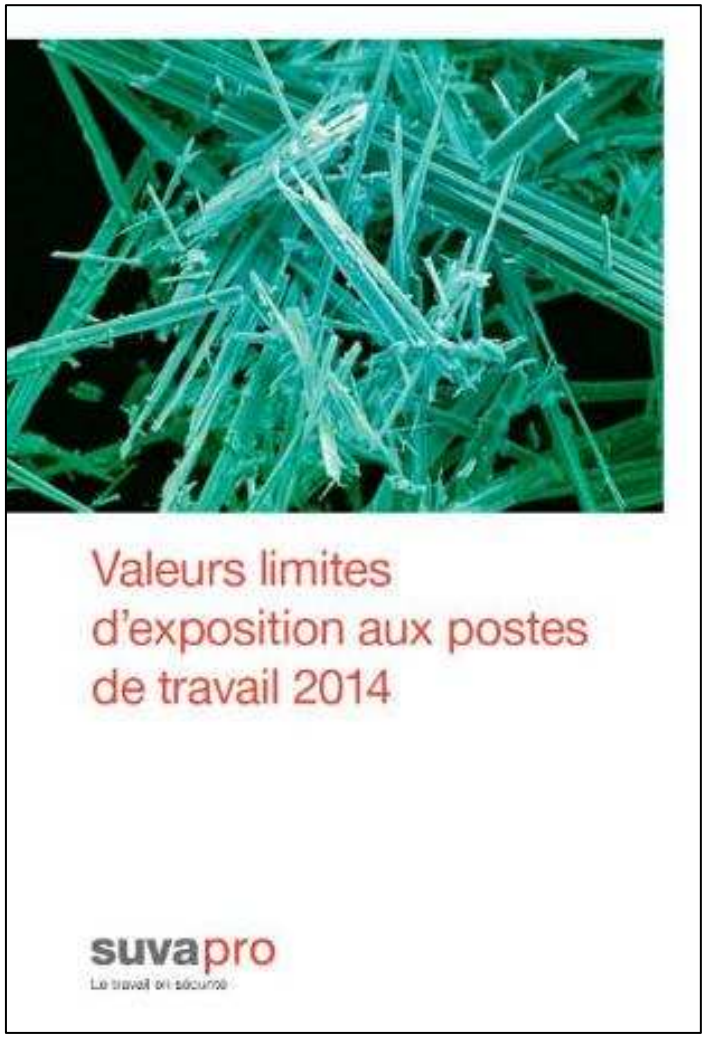
SuvaPro

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**

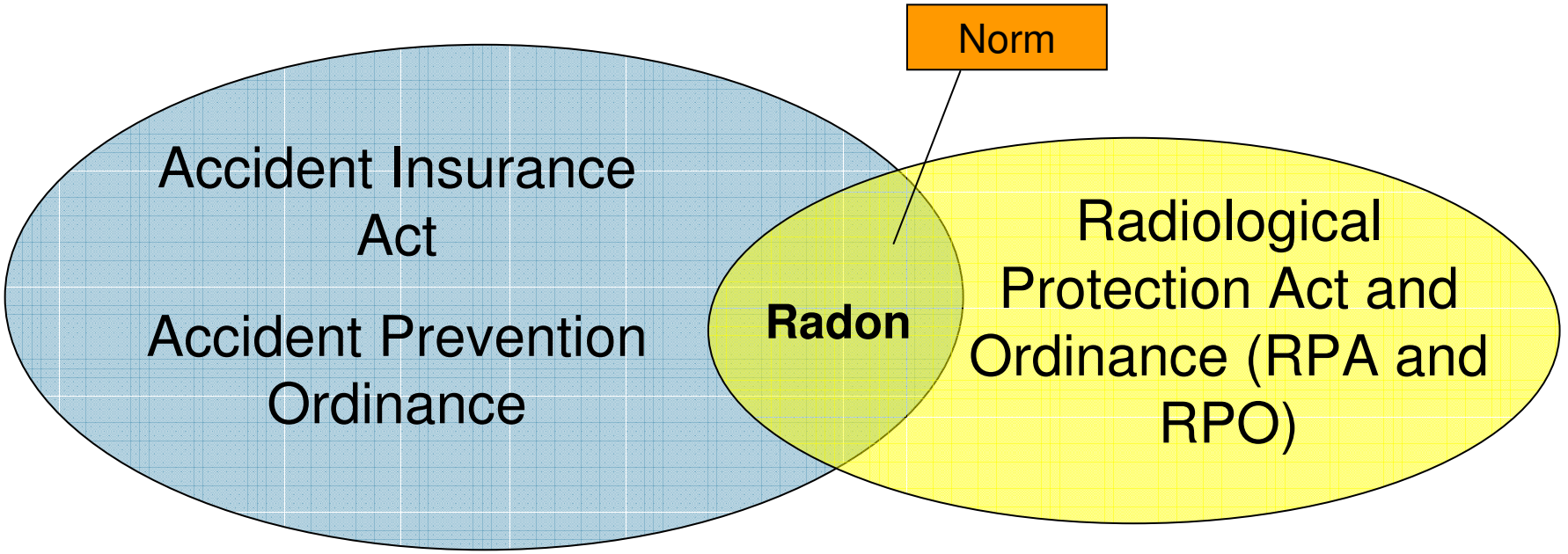
- Limit values for occupational exposure to airborne activity (occupational safety)

  ⇒ Suva – radiation protection team

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

  ⇒ FOPH

Radon


Norm
Accident Insurance Act
Accident Prevention Ordinance
Radon
Radiological Protection Act and Ordinance (RPA and RPO)

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/m^3?

- 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