Radiation Protection Training
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Seibersdorf Laboratories

High quality laboratory analyses and developments

- Ionizing radiation / Radioactivity
- Radiation protection
- System- and equipment development
- Non-Ionizing Radiation / EMC & Optics

Academy / Training / Workshop
Approx. 50,000 trainees have completed their training in Seibersdorf

- RPO medical
- RPO technical & research
- Nuclear power
- Emergency services first responders
- Military, guards
Seibersdorf Academy

Own facilities for providing training

- with sealed and unsealed radiation sources
- medical and industrial X-ray equipment
- a wide variety of different measuring devices

Training and experience in radiation protection safety and security according to Austrian and international standards and laws (EC-regulations, IAEA-BSS, INFCIRC/225, …)
Radiation Protection
Radiation Protection Officer
Radiation Protection Officer

Special X-ray, sealed sources, nuclear, medicine, diagnostic, radiotherapie HASS Refresher courses
First Responder

- **CBRN Training**
  - RN Emergency Response Course
  - RN Incident Commander Course
  - RN Decontamination Course
  - Nuclear Emergency Training (NET)
  - RN Orphan Source Localization and Management Course

- **Safety & Security**
  - Training for Decision Makers
  - Radiation Safety & Protection Basic Course
  - Personal Radiation Detection
  - Table Top Exercise
  - Field Exercise
  - Equipment Testing

- **RPO Training in Medicine**
  - Basic Training
  - Special Course: X-Ray Diagnostic Course
  - Special Course: Nuclear Medicine
  - Special Course: Radiotherapy
  - Continuing / Refresher Course

- **RPO Training in Industry**
  - Basic Training
  - Special Course: Sealed Sources and X-Ray devices
  - Special Course: High Radioactive Sealed Sources (HASS)
  - Special Course: Unsealed Sources and X-Ray devices
  - Continuing / Refresher Course
First Responder

Special
Emergency response
Sealed sources
Unsealed sources
Nuclear
Field exercise
Equipment testing
First Responders

The examinations are conducted by Seibersdorf Academy together with the emergency services.

Levels:

- Bronze
- Silver
- Gold
Radiation Protection
Practical exercises

Personnel protective equipment / Search and find
R/N - Decontamination Training
Practical exercises

Safety measures / self protection and first response
R/N - Decontamination Training
Practical exercises

Decontamination of equipment
R/N Practical exercises

Final measures - clean
Participants – Radiation Protection Officers

Technical Training Courses
female: 8% → 2015: 16%

Medical Training Courses
female: 37% → 2015: 27%
Participants – First Responders

Sealed / unsealed Courses, equipment testing, field exercises
female: approx 1%

![Bar chart showing percentage of female and male participants from 2012 to 2015]
Trainees, Clients & Cooperations

National and international
- Austria
- Europe
- Arabic countries

International organizations
- IAEA
- WTO
- CTBTO
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