

Radiation Protection Expert Training Course

Qualification groups S1.1, S1.2, S1.3, S2.1, S2.2, S2.3, S4.1, S4.2, S4.3, S5 and S6.1 or modules GG, GH, UH, OG, OH, K and FA of German radiation protection regulation (Strahlenschutzverordnung)

We are involved in the European project developing radiation protection training standards for the mutual recognition of training certificates among the EU member states. The present training course is projected to cover the three basic modules required to obtain the certificate as "European Radiation Expert" as defined in the current proposal. Hence, in addition to the national certificate, participants obtain a training which may form the basis of a certificate acknowledge within the European Union in the future.

The training course provides the participants with the knowledge and skills required for the handling and management of sealed and unsealed radioactive sources. Besides legal aspects, it encompasses a comprehensive overview of standard measurements for the qualitative and quantitative analysis of radioactivity and radionuclides as well as routine preparative methods. With its attractive mix of lectures, practical lab units and technical visits, the training course is unique in its composition.

Key lectures cover

- Physical principles of radioactivity
- Basic radiochemical principles
- Instrumentation and measurements in radiation protection and analysis
- Fundamentals of radiation protection
- Tasks and responsibilities of radiation protection experts according to German regulation

Practical units (key sessions)

- Measuring of radiation and determination of contamination
- Alpha and gamma spectrometry, liquid scintillation counting
- Radiochemical methods for analysis and preparation
- Methods for the separation of fission products
- Handling of unsealed radioactive source in a laboratory environment.

Addressed are scientists and engineers as well as technical staff in radiation protection or radioisotope laboratories.

The obtained certificate is acknowledged by German authorities for the appointment as a radiation protection expert. Upon harmonisation of the training standards in radiation protection it may cover the proposed common basis modules and may be recognised by all European Union member states.

TERMINE, PREISE UND BUCHUNGSMÖGLICHKEIT

[↗ zur aktuellen Terminübersicht mit Preisangabe und Buchungsmöglichkeit](#)

Geplante Termine:

KONTAKT UND BERATUNG

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[20005956] 31.01.2022