IMPLEMENTING THE EU BSS: IMPLICATIONS FOR THE SYSTEM OF EDUCATION AND TRAINING IN GERMANY

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www.strahlenschutzkurse.de
EU-BSS

Atomic Energy Act

Radiation Protection Ordinance

X-Ray Ordinance

Guidelines concerning requisite qualifications

European law

National law

Ordinance

Guidelines

16 different states
System of RP in Germany

Strahlenschutzverantwortlicher (SSV) "RP Supervisor"

- radiation employer (person who requires a license)
- Accountable for all legal duties of undertaking

Strahlenschutzbeauftragter (SSB) "RP Commissioner"

- An appropriate number of SSBs has to be appointed by SSV
- Responsible for implementation of RP (for area of designation)
- Belongs to the staff of the company (most cases)
- Recognized by the competent authority
For this reason the notification of appointment shall be accompanied by the certificate about the **requisite qualification** in radiation protection.

The **requisite qualification** in radiation protection shall, as a rule, be acquired through a

- vocational training scheme suited for the respective area of application,
- practical experience and
- successful participation in courses recognized by the competent agency.

Further details concerning the requisite qualification in radiation protection are specified in different **Guidelines**.
German legislation 2017

- EU-BSS
- Atomic Energy Act
- X-Ray Ordinance
- Radiation Protection Ordinance
- Guidelines concerning requisite qualifications

European law
National law
Ordinance
E&T Guidelines

Different qualification-groups (total number > 50 (!!!))
radiation -employer
RPO
consults
500
RPA
has to be suitable
SSV
> 100,000
SSB
New German legislation

European law

National law

Ordinance

E&T Guidelines

Different qualification-groups
New German legislation

European law
National law
Ordinance
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Different qualification-groups
New German legislation

European law
National law
Ordinance
E&T Guidelines

Different qualification-groups
New German legislation

- European law
- National law
- Ordinance
- E&T Guidelines

Different qualification-groups:
- RP technical
- RP medical
- X-ray technical
- X-ray medical
- NPP...
New German legislation

European law
National law
Ordinance
E&T Guidelines

EU-BSS
Atomic Energy Act
RP law
Ordinances?

Technical Guideline
Medical Guideline
NPP...

Different qualification-groups
New German legislation

European law

National law

Ordinance

E&T Guidelines

Different qualification-groups
New German legislation

- EU-BSS
- Atomic Energy Act
- RP law
- Ordinances?

- European law
- National law
- Ordinance

- Technical Guideline
- Medical Guideline
- NPP...

Different qualification-groups
- **No major changes in German System**
- But maybe reduction of number of different qualification-groups

- Support mutual recognition of qualifications
New regulations for low-risk-practices?

Conclusions

No major changes in German System

But:

- reduction of number of qualification-groups (that should support mutual recognition of qualifications)
- New regulations for low-risk-practices (maybe?)
- RPE for **authorized experts** (inspection of sealed sources, accelerators and NORM)
- RPE/RPO for companies operating aircrafts
- RPE/RPO for **transport** of radioactive material
Thank you for your attention!