

IAEA REQUIREMENTS FOR EDUCATION AND TRAINING IN RADIATION PROTECTION: WHO IS RESPONSIBLE FOR WHAT?

John Wheatley

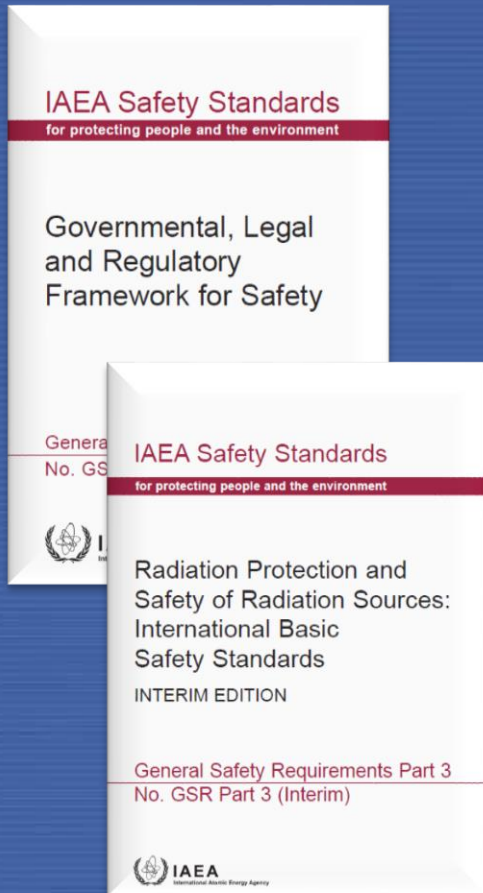
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IAEA REQUIREMENTS FOR EDUCATION AND TRAINING IN RADIATION PROTECTION: WHO IS RESPONSIBLE FOR WHAT

OVERVIEW OF PRESENTATION

Responsibilities of:

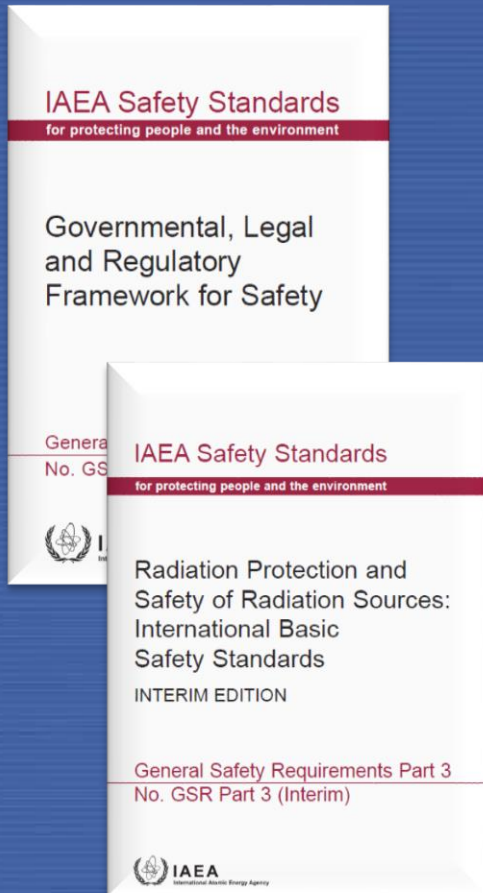
- **Governments**
- **Regulatory body**
- **Authorized & other parties**
- **Manufacturers & suppliers of radiation generators/sources**
- **Workers**



IAEA REQUIREMENTS FOR EDUCATION AND TRAINING IN RADIATION PROTECTION

RESPONSIBILITIES OF GOVERNMENTS

- Make provisions for education and training services
 - Including for the regulatory body and support organizations
- Establish requirements for:
 - education, training, qualification and competence
 - formal recognition of qualified experts



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RESPONSIBILITIES OF THE REGULATORY BODY

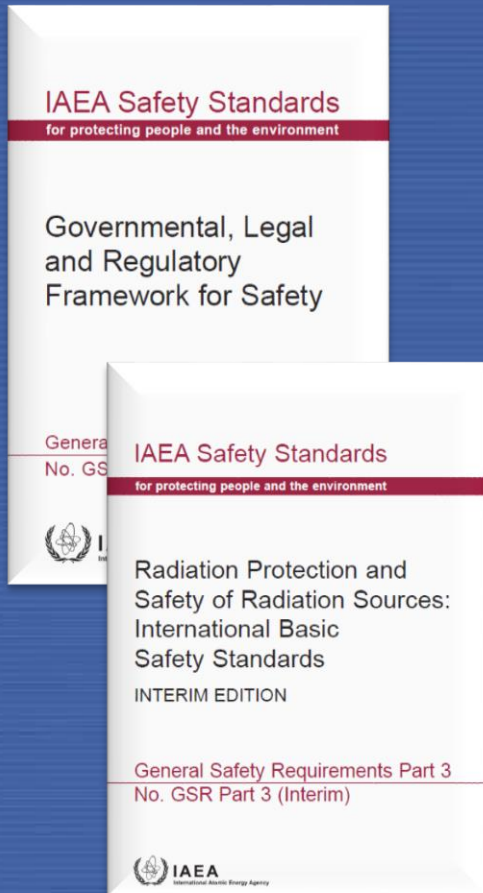
■ For its staff:

- Ensure regulatory staff are qualified and competent (important for ensuring effective independence)



■ In relation to registrants, licensees and employers

- Ensure that they apply the requirements for education, training, qualification and competence
- Verify the competence of individuals
- Require that radiological medical practitioners, medical physicists, medical radiation technologists and any other health professionals are specialized and meet the requirements for education, training and competence in radiation protection

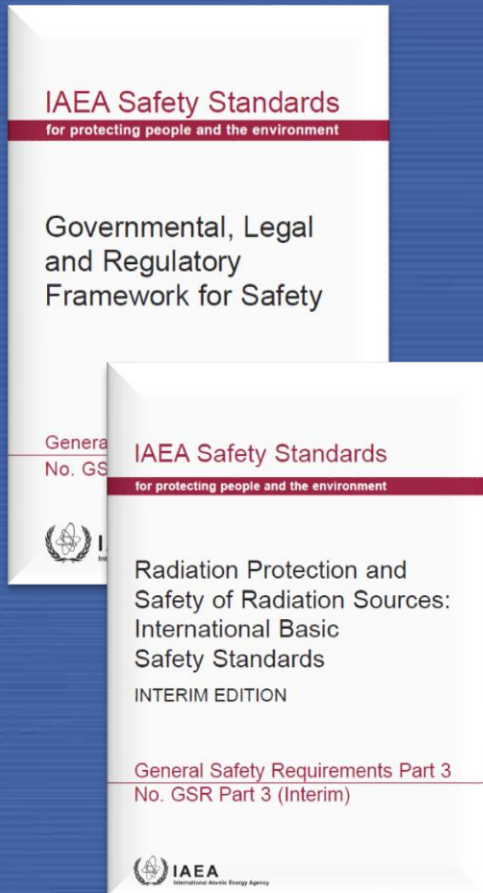


IAEA REQUIREMENTS RELATED TO EDUCATION AND TRAINING IN RADIATION PROTECTION

RESPONSIBILITIES OF AUTHORIZED AND OTHER PARTIES

Ensure that persons have appropriate education, training, qualification, information and instruction

- Especially in relation to :
 - controlled/supervised areas
 - respiratory protective equipment
 - health risks from occupational exposure
- Provide periodic retraining
- Keep records



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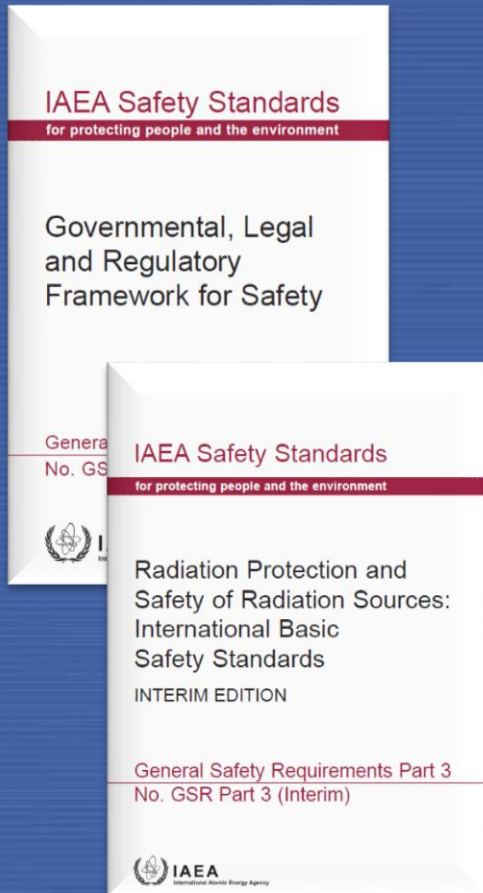
RESPONSIBILITIES OF MANUFACTURERS/SUPPLIERS OF RADIATION GENERATORS OR RADIATION SOURCES

- Provide information, in the appropriate language, on the proper installation and use and associated radiation risks, including performance specifications, instructions for operating and maintenance, and instructions for protection and safety



RESPONSIBILITIES OF WORKERS

- accept such information, instruction and training in protection and safety as will enable them to conduct their work in accordance with the requirements of the Standards



IAEA REQUIREMENTS FOR EDUCATION AND TRAINING IN RADIATION PROTECTION: AN OVERVIEW

GOVERNMENT: Make provisions for E&T services and establish E&T requirements

REGULATORY BODY: Qualified and competent staff ensure registrants, licensees, employers follow E&T requirements

Workers

Emergency responders

Radiation Protection Officer

Qualified Expert

**Medical physicist
Medical radiation technologist
Radiological medical practitioner
Radiopharmacist**

**Information
Instruction
Training**

Technical competence

Academic qualifications & experience

**Education
Training
Competence**

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Education and Training in Radiation, Transport and Waste Safety



Building competence through education and training in radiation safety is fundamental to the establishment of a comprehensive and sustainable national infrastructure for radiation safety, which in turn is essential for protecting people from the harmful effects of radiation. In order to establish a sustainable education and training infrastructure in radiation, transport and waste safety, Member States should develop a national strategy for building competence through education and training , based on

Resources

[Educational and training material](#)

[Education and Training Appraisals \(EduTA\)](#)