



BASIC RADIATION SAFETY (BRS) & RADIATION PROTECTION SUPERVISORS (RPS)

BRS

To be eligible for the Radiographic Testing examination at either Level 1 or Level 2, the candidate must first successfully pass a Basic Radiation Safety (BRS) examination.

The minimum training hours for this examination is 16 hours and is in addition to the hours required for either Level 1 or Level 2 Radiographic Certification.

BRS COURSE CONTENT

- Basic Radiation Physics
- Radiographic Equipment
- Radiation Units
- Biological Effects
- Dose Limits
- Radiation Detection and Measurement
- Protection against Radiation
- Calculations for Radiation Protection
- Storage of Radiation Sources
- Transport of Radioactive Substances
- Appointments & Responsibilities

- Local Rules and Contingency Plans
- Personal Dosimetry
- Normative Documents
- Knowledge and Understanding of IRR 1999

RPS

For candidates who are working with ionizing radiation in supervisory roles an additional advanced training course and examination are available, which is the PCN – Radiation Protection Supervisor (RPS). The minimum requirements for taking this examination are

- Must hold a current BRS Certification
- An additional 24 hours training
- Must have held BRS Certification for a minimum of 9 months

RPS COURSE CONTENT

- Review of Basic Radiation Safety
- Normative Documents and Legislative Structure
- Biological Effects
- Radioactive Substances Act
- Dose Limitation
- The Regulation of Work with Radiation
- The Role of the RPA and RPS

- Advanced Scientific Calculations for Radiological Protection
- Principles and practices of radiation protection
- Radiation Monitoring
- Transport of Radioactive Substances
- Personal Dosimetry
- Emergency Procedures
- The Ionizing Radiations Regulations 1993
- Knowledge and Understanding of IRR 1999

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