

Radiation Training Courses



The U.K.'s Ionising Radiation Regulations 2017 (IRR17) require employers to provide appropriate training to their employees who work with ionising radiation.

All radiation workers should have received training to enable them to know:

- The risks to health created by exposure to ionising radiation
- The precautions to take
- The importance of complying with the regulations.

The Jacobs Clean Energy Limited Corporate Radiological Protection Service comprises a team of experts in applied health physics, radiation protection and management of radioactive wastes. We have many years' experience of working in both the nuclear and non-nuclear sectors and have in-depth practical knowledge of the many different uses of radiation and radioactive materials.

We can provide the following radiological training courses, tailored to meet specific customer needs, either at your site or from our Birchwood facilities in Warrington, Cheshire.

- **Radiation Awareness (RAT):** Typically aimed at managers and those requiring a basic knowledge of radiation hazards, this course provides a general overview of the important aspects of radiation protection. It includes the different types of radiation, hazards, radiation measurement, safe working procedures and a summary of the regulatory framework.
- **Classified Worker (CW):** For employees potentially exposed to annual radiation doses >6mSv, training as a Classified Worker is usually required. The Classified Worker course builds on the introductory Radiation Awareness Training, providing additional information relevant to designated personnel.
- **Radiation Protection Supervisor (RPS):** An RPS is required to ensure regulatory compliance in areas covered by local rules. Appropriate training which reflects the complexity of the work to be performed must be provided prior to formally appointing an individual as an RPS under IRR17. The RPS course again builds on the Radiation Awareness Training, looking at the role and associated responsibilities.

Courses are interactive, incorporating a mixture of presentations and practical exercises which include radiation monitoring instrumentation and group scenario discussions. All three courses are assessed via an end-of-course exam, and all attendees will receive copies of the course notes and a certificate of completion. In addition, we will soon be offering an online Radiation Awareness Training course which can be accessed remotely by the candidate via a unique login. The online course comprises four main modules:

- What is radiation?
- Units and doses of radioactivity
- Regulations and standards
- Radiological incidents

These can be taken in the candidate's own time with progress being saved to enable the course to be completed over a period of time. At the end of each module there are questions to test understanding, and a certificate is issued when all four modules have been completed. We have experience of providing training to customers from a wide range of industries and applications such as:

- Industrial radiography
- XRF systems
- X-ray inspection units (including postal X-ray units)
- Radiochemical laboratory analysis
- Sealed source users
- Nuclear licensed sites
- Level, thickness and density gauges
- Oil and gas

Contact

To discuss your RPA requirements in confidence, please contact:

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The U.K. RPA team is only accredited to provide advice under U.K. Regulations