

This one-day course is for the school Radiation Protection Supervisor (RPS), i.e. the person responsible for managing the safe storage, use and monitoring of radioactive sources in the science department. CLEAPSS believes that the RPS should be a member of the teaching staff, often the Head of Physics. (See CLEAPSS leaflet PS75, which explains why the RPS should be a teacher).

The course is based on the CLEAPSS guide L093 *Managing Ionising Radiations and Radioactive Substances (2013)*. It includes numerous practical demonstrations with the relevant safety points embedded within them, and answers questions frequently asked on the CLEAPSS *Helpline*. There are opportunities to raise issues and to ask specific questions.



**Topics covered include:**

- legislation and guidance, the role of the RPA, RPO & RPS
- nuclear physics, radioactivity and radiation - teaching and resources
- storage of radioactive substances
- using radioactive sources to demonstrate the properties of ionising radiations
- doses and biological effects of ionising radiations
- radiological protection and its management
- responsibilities of the RPS, including Local Rules
- different types of radioactive sources and their care (including preparing sources for half-life investigations)
- Cloud chambers
- monitoring and record keeping, including leak testing and contamination checking
- Disposal of radioactive sources.



Please note this course is intended for teachers.  
**Technicians are welcome to attend provided they come with the teacher who has been identified as the RPS in their school.**  
 (See CLEAPSS guide PS75)

**Title: Radiation Protection Supervisor Training**

**For: Teachers**

For details of the next scheduled course please see our website  
<http://courses.cleapss.org.uk/>

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