

Contact

Society for Radiological Protection

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[Responders should be aware that the Sectorial Committee is NOT legally able to offer Radiation Protection Adviser (RPA) type advice for the safe keeping, use, and disposal of radioactive materials as required by the Ionising Radiations Regulations 1999 to any specific individual or organisation.]

*Produced by the SRP Non-nuclear Industry
Sectorial Committee for the transportation industry,
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Role of the Society

The SRP is exclusively concerned with radiation protection. Its membership exceeds 2000, comprising Fellows, Members, International Members, Graduates, Associates, Students and Affiliates.

It is a Chartered Society and its objective is to promote the science and art of radiation protection and allied fields for the public benefit. It achieves this by means of meetings, conferences, lectures and publications, with emphasis on those subjects which contribute to the knowledge and practice of radiation protection.

The Society has an official publication, *The Journal of Radiological Protection*, which is published quarterly and supplied free to members.

The SRP is the UK Associate Society of the International Radiation Protection Association. Details of membership of the SRP and further information about any of the matters in this leaflet may be obtained from the SRP Administrative Office.

SRP Activities include:
Scientific meetings, Journal, Newsletter, Networking, Bursaries, E-mail discussion groups, continuing professional development scheme, Administration of Chartered Radiation Professional



**The Society
for Radiological
Protection**

**Work with ionising
radiation -
Radiation issues
in the
Food and Drink
Industry**



Radiation issues in the food and drink industry

Radioactive sources and x-ray equipment are commonly used in the food and drink production industry.

The most common applications are:

- Gauging (sources or x-ray) – fill level, density or moisture measurement; and
- Inspection (x-ray) – for foreign objects.

Employers have a duty to protect their employees and other persons against the radiation hazards from such sources, and to comply with relevant health, safety and environmental legislation.

However, some employers may not be aware of the specific radiation protection requirements that apply to this type of equipment.



Examples of such issues are:

- Being unaware of the regulations that apply, or the specific requirements of the regulations relating to the equipment purchased.
- Insufficient information from the manufacturer or supplier about the measures needed to protect operators, and not knowing what safety and warning systems are needed to comply with the regulations.
- Not knowing what periodic safety checks are appropriate.
- Not applying suitable controls during shut-down and maintenance periods.
- Not doing enough to keep radioactive sources secure when in use, and not disposing of redundant sources in a timely manner and by an appropriate route.

The **SRP NON-NUCLEAR SECTORIAL COMMITTEE** is made up of radiation protection professionals who represent a significant spectrum of radiation users and regulators who try to provide assistance and/or representation to industrial sectors such as the food and drink industry. If readers feel that some of the above issues are relevant to them or have other radiation associated issues they would like to raise then please feel free to contact the Committee by telephone, letter or email to the contact address below. The SRP is a registered charity promoting radiation protection and so a charge is not made for assistance it is able to provide.

All issues raised will be confidential and the Committee will not be making competitors and/or the regulators aware of them without the stakeholders' consent (unless the Committee agrees that one or more individuals may be at serious radiation risk). Stakeholders may, if they wish, raise issues anonymously.