

Standard rules SR2010No1 - Category 5 Sealed radioactive sources

Introductory note

This introductory note does not form part of these standard rules

When referred to in an environmental permit, these rules will allow the operator to keep and use radioactive material at a specified location in the form of sealed sources where each radioactive source, and all radioactive sources taken together, fall within source category 5. Category 5 sources present, relative to others, the least risk to health and the environment.

These rules are issued under the provisions of the Environmental Permitting (England and Wales) Regulations 2010 which, amongst other things, are concerned with the control of radioactive material and any subsequent accumulation and disposal of radioactive waste. These rules concern the control and security of the sealed sources.

These rules do not allow the accumulation and disposal of any radioactive waste associated with the keeping or use of the sealed sources or the disposal of the sources at the end of their useful life. Where necessary, another environmental permit allowing accumulation or disposal will be required unless an exemption applies.

The operator must also comply with other legislation to which the keeping or use of radioactive material is subject. This includes legislation enforced by the Health and Safety Executive and by the Department for Transport.

End of introductory note

Rules

1 – Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that is sufficient to achieve compliance with these rules; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 The operator shall maintain records demonstrating compliance with rule 1.1.1.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in these standard rules shall have convenient access to a copy of them kept at or near the place where those duties are carried out.

2 – Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in table 2.1 below ("the activities").

Table 2.1 activities	
Description of activities	Limits of activities
The keeping and use of radioactive material in the form of sealed sources.	Each radioactive source, and all radioactive sources taken together, shall at all times fall within source category 5. The sources shall be used only for Justified Practices.

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan attached to the permit.

2.3 Source security and integrity

- 2.3.1 The operator shall, so far as is reasonably practicable, prevent:
- (a) unauthorised access to any sealed source;
 - (b) loss or theft of any sealed source;
 - (c) damage to any sealed source by fire or other means.

2.4 Identification of sources

- 2.4.1 No article which incorporates or is a sealed source shall be kept or used unless it is legibly marked with a unique identification number, the word radioactive and the ionising radiation symbol, so far as is reasonably practicable.

3 – Information

3.1 Records

3.1.1 All records required to be made by these standard rules shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible or are capable of retrieval; and
- (d) be retained until notified in writing by the Environment Agency that records no longer need to be retained.

3.1.2 Records shall be made on the day of receipt or removal, as appropriate, of each sealed source showing:

- (a) the radionuclide present, the date on which it was received and the radioactivity on that date;
- (b) the identification number of the source and of any container in which it is kept or used;
- (c) its location on the premises; and
- (d) if it has been removed from the premises, the date of removal, the radioactivity on that date and the name and address of the person to whom it was transferred.

3.1.3 The operator shall keep on the premises all records, plans and the management system required to be maintained by these standard rules, unless otherwise agreed in writing by the Environment Agency.

3.1.4 The operator shall:

- (a) retain records made in accordance with any previous relevant permit issued to the operator and related to the premises covered by these standard rules;
- (b) retain records transferred to the operator, which were made in accordance with any previous relevant permit related to the premises covered by these standard rules.

3.2 Reporting

3.2.1 The operator shall send all reports and notifications required by these rules to the Environment Agency using the contact details supplied in writing by the Environment Agency.

3.2.2 The operator shall send a report to the Environment Agency within one month after the end of each year. The report shall confirm, at the point of reporting, whether each radioactive source, and all radioactive sources taken together, kept and used on the site remain within source category 5.

3.2.3 If, when these standard rules came into effect, the operator kept or used only gaseous tritium light devices (GTLDs), the operator shall send a report to the Environment Agency within one month of the end of the year. The report shall confirm whether the operator continues to hold only GTLDs on the premises.

3.3 Notifications

3.3.1 The Environment Agency shall be notified without delay following the detection of:

- (a) any malfunction, breakdown or failure of equipment or techniques or accident, which has caused or may cause a radioactive source to be damaged or lost; or
 - (b) a breach of the limits of activities specified in table 2.1.
- 3.3.2 Written confirmation of the occurrence of any of the circumstances set out in rule 3.3.1 shall be submitted within 24 hours.
- 3.3.3 The Environment Agency shall be notified within 14 days of the occurrence of the following matters except where such disclosure is prohibited by Stock Exchange rules:
- (a) Where the operator is a registered company:
 - (i) any change in the operator's trading name, registered name or registered office address; and
 - (ii) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
 - (b) Where the operator is a corporate body other than a registered company:
 - (i) any change in the operator's name or address; and
 - (ii) any steps taken with a view to the dissolution of the operator.
 - (c) In any other case:
 - (i) the death of any of the named operators (where the operator consists of more than one named individual);
 - (ii) any change in the operator's name(s) or address(es); and
 - (iii) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case them being in a partnership, dissolving the partnership.
- 3.3.4 If a sealed source has been lost or stolen, or theft of a sealed source has been attempted, or there are reasonable grounds for believing that such an event has occurred:
- (a) the Police and the Environment Agency shall be notified without delay; and
 - (b) the circumstances, including any actions taken, shall be reported in writing to the Environment Agency as soon as is practicable.

3.4 Interpretation

- 3.4.1 In these standard rules the expressions listed below shall have the meaning given.
- 3.4.2 In these standard rules references to reports and notifications mean written reports and notifications, except when reference is being made to notification being made "without delay", in which case it may be provided by telephone.

"accident" means an accident that may result in the damage or loss of a sealed radioactive source.

"category 5 sealed sources" has the meaning set out in the Environment Agency publication *Guidance EP-RSR: How to apply for an environmental permit – Part RSR-B1 dated April 2010*.

"Justified Practice" means a practice recognised as justified by the Justifying Authority.

"Justifying Authority" has the meaning given in The Justification of Practices Involving Ionising Radiation Regulations SI 2004 No. 1769.

"year" means calendar year commencing on 1st January.

End of standard rules