

Application for an environmental permit Part RSR-B2 – New bespoke radioactive substances activity permit (sealed sources)



<p>Please read through this part of the form and the part RSR-B2 guidance notes before you fill it in.</p> <p>It will take less than two hours to fill in this part of the application form.</p> <p>If you are applying for a new bespoke permit for radioactive substances activity (involving sealed sources) fill in this part of the form, together with parts RSR-A and RSR-F.</p>	<p>Contents</p> <ul style="list-style-type: none"> 1 Other applications 2 About the activities involving sealed sources 3 Using sealed sources on the premises 4 High-activity sealed sources 5 Radioactive material stored in transit 6 Radioactive waste sealed sources 7 Radioactive waste accumulation 8 Disposal of waste sealed sources 9 Receipt of waste sealed sources 10 Security of sources 11 How to contact us
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When filled in, the application form is marked 'Restricted' in accordance with the Government Protective Marking System. The unauthorised disclosure of the information it contains could facilitate the commission of serious crime – in particular by terrorists. It is for use only by those people within your organisation who need reasonable access to it, to ensure compliance with the conditions of the permit, and trusted contacts who advise you – such as your Radiation Protection Adviser.

- Do not copy it to other parties without consulting the Environment Agency.
- Lock it in a secure cabinet or container when it is not in use.
- Make those who access it aware of the marking and the need to protect the information from unauthorised disclosure and loss.
- If you move it around, use a sealed envelope and do not mark the envelope 'Restricted'. If you post it, use 'Royal Mail special delivery next day'.
- You should safeguard electronic copies of the data against unauthorised access. You should not email it.

1 Other applications

1a Have you recently made, or do you intend to make, an application for an environmental permit to operate a regulated facility, other than for a radioactive substances activity, on the premises?

No

Yes

2 About the activities involving sealed sources

2a Tick the relevant boxes to show which radioactive substances activities you are applying for

Schedule 23 Part 2 paragraph reference	Description	
5(2)(a)	Keep or use radioactive material in the form of sealed sources on premises used for the purposes of an undertaking	<input type="checkbox"/>
5(2)(b)	Dispose of radioactive waste in the form of sealed sources on or from premises used for the purposes of an undertaking	<input type="checkbox"/>
5(2)(c)	Accumulate radioactive waste in the form of sealed sources on or from premises used for the purposes of an undertaking	<input type="checkbox"/>
5(4)(a)	Receive radioactive waste in the form of sealed sources for the purposes of disposing of them	<input type="checkbox"/>
5(5)(a)	Keep or use mobile radioactive apparatus in the form of sealed sources for testing, measuring or otherwise investigating any of the characteristics of substances or articles	<input type="checkbox"/>

2b Describe how and why you intend to use the sources

2 About the activities involving sealed sources, continued

2c Where will you store the sources when they are not in use?

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3 Using sealed sources on the premises

Only answer this section if you are applying for an activity described in Schedule 23, Part 2, paragraph 5(2)(a) or 5(5)(a) involving sealed sources. Do not use it for sources used for an activity described in Schedule 23, Part 2, paragraph 5(2)(a) on nuclear licensed sites if you are the site licensee. Do not use it for storage of radioactive packages in transit – see section 5.

3a Provide the following details of sealed sources you will keep or use on the premises

Radionuclide	Number of sources	Maximum activity in each source

4 High-activity sealed sources

4a Which (if any) of the sources are high-activity sealed sources (HASS)?

Radionuclide	Number of sources	Maximum activity in each source

4b Confirm whether you have read the requirements of the Defra guidance on financial and other provision for each high-activity source

No

Yes

4c Which mechanism are you proposing to use for this purpose?

You will need to send us copies of documents to enable us to judge whether your arrangements for financial provision are adequate.

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4 High-activity sealed sources, continued

4d Specify which of the following arrangements you have in place for the safe management of high-activity sources when you no longer have any use for them

Do you intend to send them to:

- a manufacturer?
- a supplier?
- another permitted user?
- a nuclear site licensee?

If none of these, describe how you intend to manage high-activity sources you no longer have any use for

4e Do you manufacture HASS?

No

Yes Give brief details

You should tick 'Yes' even if manufacture is incidental to your main practice; for example, irradiation of cyclotron targets.

5 Radioactive material stored in transit

Only answer this section if you are applying for an activity which involves only short-term storage of unopened packages containing radioactive material.

5a Confirm whether you intend to store radioactive packages in transit

No

Yes

5b Provide the following information on the radioactive packages that you will store in transit, as far as you know them

Specify the following materials: cobalt-60, iridium-192, ytterbium-169, caesium-137, americium-241, molybdenum-99, iodine-125, iodine-131, others.

Radionuclide	Import, export, UK

6 Radioactive waste sealed sources

Only answer sections 6, 7 and 8 if you intend to accumulate or dispose of radioactive waste in the form of sealed sources and cannot do so under the provisions of the Radioactive Substances (Waste Closed Sources) Exemption Order 1963, SI 1963 No. 1831.

6a Enclose your assessment of how you plan to use the 'best available techniques' to minimise the period over which radioactive waste is accumulated

Document reference

6 Radioactive waste sealed sources, continued

6b Do you have an emergency role under the National Arrangements for Incidents Involving Radioactivity (NAIR) or RADSAFE schemes?

No

Yes

6c Do you want us to include the standard conditions for organisations taking part in NAIR or RADSAFE on this permit?

No

Yes

7 Radioactive waste accumulation

7a Do you plan to accumulate sealed sources that are no longer needed (waste sealed sources)?

Answer 'No' if you accumulate or dispose of waste sealed sources under an exemption order without a permit from us (you are responsible for keeping to the conditions of any exemption order you use).

Answer 'Yes' if you accumulate sealed sources but are unable to use an exemption order.

Yes Now answer questions 7b, 7c and 7d

No Go to section 8.

7b Explain why your accumulation of waste sealed sources is not carried out under an exemption order

7c Provide the following details of waste sealed sources you plan to accumulate

Radionuclide	Maximum activity	Maximum number of sources to be accumulated	Maximum time you will accumulate it for	Is the source a HASS, similar potential hazard or category 5 (state which)?

7d Why are you suggesting these time periods for accumulating waste sealed sources?

8 Disposal of waste sealed sources

8a How do you plan to dispose of waste sealed sources?

Document reference

8 Disposal of waste sealed sources, continued

8b Provide the following details of waste sealed sources you plan to dispose of

Radionuclide	Maximum activity	Maximum number of sources to be disposed of	Is the source a HASS, similar potential hazard or category 5 (state which)?

8c Confirm whether you have contracts in place for another organisation to receive all of your waste

No

Yes

9 Receipt of waste sealed sources

9a Provide details of the origin, nature and quantity of waste sealed sources to be accepted onto the premises, and how you will manage and dispose of them

Do not answer this question if the only radioactive waste that you will receive from elsewhere is that which may arise as a result of your participation in NAIR or RADSAFE.

Document reference

10 Security of sources

Do not use this section for sources used for an activity described in Schedule 23, Part 2, paragraph 5(2)(a) on a nuclear licensed site.

10a Which police force area are the premises in?

Avon and Somerset	<input type="checkbox"/>	Grampian	<input type="checkbox"/>	North Wales	<input type="checkbox"/>
Bedfordshire	<input type="checkbox"/>	Greater Manchester	<input type="checkbox"/>	North Yorkshire	<input type="checkbox"/>
Cambridgeshire	<input type="checkbox"/>	Gwent	<input type="checkbox"/>	Nottinghamshire	<input type="checkbox"/>
Central Scotland	<input type="checkbox"/>	Hampshire	<input type="checkbox"/>	Northern Ireland	<input type="checkbox"/>
Cheshire	<input type="checkbox"/>	Hertfordshire	<input type="checkbox"/>	South Wales	<input type="checkbox"/>
City of London	<input type="checkbox"/>	Humberside	<input type="checkbox"/>	South Yorkshire	<input type="checkbox"/>
Civil Nuclear Constabulary	<input type="checkbox"/>	Kent	<input type="checkbox"/>	Staffordshire	<input type="checkbox"/>
Cleveland	<input type="checkbox"/>	Lancashire	<input type="checkbox"/>	Strathclyde	<input type="checkbox"/>
Cumbria	<input type="checkbox"/>	Leicestershire	<input type="checkbox"/>	Suffolk	<input type="checkbox"/>
Derbyshire	<input type="checkbox"/>	Lincolnshire	<input type="checkbox"/>	Surrey	<input type="checkbox"/>
Devon and Cornwall	<input type="checkbox"/>	Lothian and Borders	<input type="checkbox"/>	Sussex	<input type="checkbox"/>
Dorset	<input type="checkbox"/>	Merseyside	<input type="checkbox"/>	Tayside	<input type="checkbox"/>
Dumfries and Galloway	<input type="checkbox"/>	Metropolitan	<input type="checkbox"/>	Thames Valley	<input type="checkbox"/>
Durham	<input type="checkbox"/>	Ministry of Defence Police	<input type="checkbox"/>	Warwickshire	<input type="checkbox"/>
Dyfed-Powys	<input type="checkbox"/>	Norfolk	<input type="checkbox"/>	West Mercia	<input type="checkbox"/>
Essex	<input type="checkbox"/>	Northamptonshire	<input type="checkbox"/>	West Midlands	<input type="checkbox"/>
Fife	<input type="checkbox"/>	Northern	<input type="checkbox"/>	West Yorkshire	<input type="checkbox"/>
Gloucestershire	<input type="checkbox"/>	Northumbria	<input type="checkbox"/>	Wiltshire	<input type="checkbox"/>

10 Security of sources, continued

10b Provide the following details of all the sealed sources (kept or used, in mobile radioactive apparatus or waste) that you will have at any time, excluding category 5 and exempt sources

Building or facility name or number	Radionuclides and practices*	Maximum total activity of each radionuclide	Source category (1 to 4)	Security level (A to C)

* Note: practices and categories are as specified in the Security Requirements Document in question 10c.

10c Do you have a copy of the Security Requirements Document, 'Security Requirements for Radioactive Sources', NaCTSO, April 2011?

This is available from your local police Counter-Terrorism Security Adviser.

No

Yes

10d If you think your premises are in security levels A, B or C, have you met all of the conditions of the Security Requirements Document for the security level your premises are in?

No

Yes

Now fill in part RSR-F.

11 How to contact us

If you need help filling in this form, please contact the person who sent it to you or contact us as shown below.

General enquiries: 08708 506 506 (Monday to Friday, 8am to 6pm)

Textphone: 08702 422 549 (Monday to Friday, 8am to 6pm)

Email: enquiries@environment-agency.gov.uk

Website: www.environment-agency.gov.uk

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Feedback

(You don't have to answer this part of the form, but it will help us improve our forms if you do.)

We want to make our forms easy to fill in and our guidance notes easy to understand. Please use the space below to give us any comments about this form or the guidance notes that came with it.

How long did it take you to fill in this form? _____

We will use your feedback to improve our forms and guidance and to tell the Government how regulations could be made simpler.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

For Environment Agency use only

Date received (DD/MM/YYYY)

Our reference number

Payment received?

No

Yes Amount received

£ _____