

# Application for an environmental permit

## Part RSR-B2 – New or varied bespoke radioactive substances activity permit (sealed sources)



### Please read through this part of the form and the part RSR-B2 guidance notes before you fill it in.

It should take less than two hours to fill in this part of the application form.

Fill in this part of the form together with parts RSR-A and RSR-F.

Only fill in the sections relevant to your application. If you are applying to vary (change) an existing permit for sealed sources you should only fill in the sections which cover the changes you are seeking.

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When filled in, the application form is marked 'OFFICIAL SENSITIVE' in accordance with the Government Security Classifications (see [www.gov.uk](http://www.gov.uk)). 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/Radioactive Waste 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 'OFFICIAL SENSITIVE'.
- If you post it, use 'Royal Mail special delivery guaranteed'.
- You should safeguard electronic copies of the data against unauthorised access. You should not email it.

## 1 Other permits and applications

1a Is this an application for:

New permit  
(i.e. you don't currently have an RSR sealed source permit)

Variation to an existing sealed source permit  Please give the permit number:

**Note** – You cannot vary a standard rules permit.

1b 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  |                          |
|--|--|--------------------------|
| 11(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"/> |
| 11(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"/> |
| 11(2)(c)                               | Accumulate radioactive waste in the form of sealed sources on premises used for the purposes of an undertaking         | <input type="checkbox"/> |

**2 About the activities involving sealed sources, continued**

|          |   |                          |
|----------|---|--------------------------|
| 11(4)(a) | Receive radioactive waste in the form of sealed sources for the purposes of disposing of them   | <input type="checkbox"/> |
| 11(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 your reasons for keeping, using, accumulating or disposing of sources.

**2c** If you are applying to vary an existing permit describe the changes you are seeking and the reasons for them.

**2d** Describe how and why you intend to use the sources.

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

**3 Keeping or using sealed sources**

Only answer this section if you are applying for an activity described in Schedule 23, Part 2, paragraph 11(2)(a) or 11(5)(a) involving sealed sources. If you are the licensee of a nuclear site you should not fill in this part of the form for sources used only on the licensed site, as the Regulations do not require permitting for the keeping or use of sources on nuclear sites by licensees. Do not use it for storage of radioactive packages in transit – see section 4.

**High-activity sealed sources – Note the definition of a HASS changed in May 2018. See guidance.**

**3a** Provide the following details of high-activity sealed sources you will keep or use on the premises.

| Maximum number of HASS sources on the premises | Radionuclides | Maximum activity in each source |
|--|---------------|---------------------------------|
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |

**3 Keeping or using sealed sources, continued**

**3b** Provide the following details of high-activity sealed sources you will keep or use as mobile radioactive apparatus.

| Maximum number of HASS sources mobile as radioactive apparatus | Radionuclides | Maximum activity in each source |
|--|---------------|---------------------------------|
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |
|  |               |                                 |

Other sealed sources

**3c** Provide the following details of other sealed sources kept or used on the premises.

| Maximum number of other sources on the premises | Radionuclides | Maximum activity in each source |
|---|---------------|---------------------------------|
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |

**3d** Provide the following details of other sealed sources kept or used as mobile radioactive apparatus.

| Maximum number of other sources as mobile radioactive apparatus | Radionuclides | Maximum activity in each source |
|---|---------------|---------------------------------|
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |
|   |               |                                 |

**3e** Confirm whether you have read the requirements of the DECC guidance on financial and other provision for each high-activity source – see guidance.

No

Yes

**3f** 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. We need originals of financial instruments.

### 3 Keeping or using sealed sources, continued

3g 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.

3h Do you manufacture HASS?

No

Yes  Give brief details.

You should tick 'Yes' even if manufacture is incidental to your main practice.

### 4 Radioactive material stored in transit

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

4a Confirm whether you intend to store radioactive packages in transit.

No

Yes

4b Give an explanation of why your storage in transit cannot be carried out within the exemption included in EPR2016.

### 5 Accumulation of waste sealed sources

Waste sources which are HASS or of similar potential hazard are no longer exempt from the need for permits while being accumulated. In order to ensure that HASS and similar sources have permits when they become waste, we will permit them for accumulation at the same time as we permit them for use. Category 5 sources are exempt from the need for permits for accumulation subject to the exemption conditions.

5a 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 \_\_\_\_\_

**5 Accumulation of waste sealed sources, continued**

5b Provide the following details of waste sealed sources you plan to accumulate for longer than 26 weeks.

**Note** – we will routinely permit the accumulation of waste sealed sources for 26 weeks – only seek longer if you cannot dispose within 26 weeks – you will need to explain why in question 5c.

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

5c Why are you suggesting this time period for accumulating waste sealed sources?

**6 Disposal of waste sealed sources**

**Note** – subject to the conditions in EPR2016 disposal of sealed sources is frequently exempt from permitting. We will only include disposal in permits when it cannot be exempt. If you seek permitting you will need to explain why in question 6b.

6a How do you plan to dispose of waste sealed sources?

Document reference

6b Give an explanation of why your waste disposal cannot be carried out within the exemption included in EPR2016.

6c 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, a similar potential hazard or category 5 (state which)? |
|--------------|------------------|---|---|
|              |                  |   |   |
|              |                  |   |   |
|              |                  |   |   |
|              |                  |   |   |
|              |                  |   |   |
|              |                  |   |   |
|              |                  |   |   |

### 6 Disposal of waste sealed sources, continued

6d Confirm whether you have contracts in place for another organisation to receive all of your waste sealed sources listed above.  
 No   
 Yes

### 7 Receipt of waste sealed sources

7a Do you have an emergency role under the National Arrangements for Incidents Involving Radioactivity (NAIR) or RADSAFE schemes?

No   
 Yes

7b Do you want us to include the standard conditions for organisations taking part in NAIR or RADSAFE on this permit?

No   
 Yes

7c Provide details of the origin, nature, number and activities 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

### 8 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.

8a Which police force area are the premises in?

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

8b 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 8c.

## 8 Security of sources, continued

8c Do you have a copy of the Security Requirements Document, ‘Security Requirements for Radioactive Sources’, NaCTSO, April 2024?

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

No

Yes

8d 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.

## 9 How to contact us

Please send all parts of your filled-in application form and supporting documents to our Radioactive Substances Regulation Permit Support Team as described in form RSR Part-F.

Support:

If you need help filling in this form, please contact the person who sent it to you or contact us using the methods described in Part RSR-F, which is available at:

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/870564/Form-EP-RSR-Applying-for-env-permit-Part-RSR-F-Charges-declarations.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/870564/Form-EP-RSR-Applying-for-env-permit-Part-RSR-F-Charges-declarations.pdf)

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 notes, and to tell the Government how regulations could be made simpler.

Would you like a reply to your feedback?

Yes please

No thank you

**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

£

\_\_\_\_\_