

Technical details

The personal data provided (such as name, address, email address) are processed by the Federal Office for Radiation Protection as part of the processing of your application. Further information, in particular regarding to your rights associated with the use of this data, is included in the Privacy Statement at www.bfs.de.

To be submitted in duplicate to: Bundesamt für Strahlenschutz, Bauartzulassungen, Postfach 10 01 49, 38201 Salzgitter, Germany (contact: bauartzulassung@bfs.de)

PLEASE NOTE: Details that are to be treated as a company secret or trade secret and are not meant to be reproduced in the approval document must be highlighted or marked accordingly.

1. Applicant (company, address, contact details including email and/or phone nr.)

| | |
|--|---|
| | <input type="checkbox"/> Manufacturer <input type="checkbox"/> Distributor |
|--|---|

2. Details on the appliance

2.1 Type designation / trade name

| |
|--|
| |
|--|

2.2 Manufacturer (company, address, if different from 1)

| |
|--|
| |
|--|

2.3 Purpose of use / ambient conditions

- | |
|---|
| <input type="checkbox"/> Ionization chamber smoke detector <input type="checkbox"/> Ion mobility spectrometer <input type="checkbox"/> Other: _____ |
|---|

Maximum ambient and operating conditions with respect to the purpose of use (e. g. temperature, air humidity, pressure (if applicable), special demands etc.):

- | |
|---|
| <input type="checkbox"/> specified in the operating manual, copy enclosed (title, drawing no., date, pages) |
|---|

2.4 Type description

Construction, operating principle, special features

Supporting documents and/or copies enclosed (as specified in item 6)

3. Inserted radioactive substance

3.1 Radionuclides

Radionuclides used _____

Inserted activities _____

Details on chemical and physical form of the radioactive substance, its structure and enclosure:

Supporting documents and/or copies enclosed (as specified in item 6)

3.2 Mounted radioactive source

| Manufacturer (company, address) | Trade name / type of radioactive source | Further details | Certificate for radioactive source, ISO classification |
|--|--|-----------------|--|
| | | | |
| | | | |
| Description of the mounted radioactive source (construction, design, dimensions, material) | | | |

Supporting documents and/or copies enclosed (as specified in item 6)

3.3 Operation of the radioactive source

Admissible operating conditions of the radioactive source(s), special features

Further information:

- Supporting documents and/or copies enclosed (e.g. certificates, data sheets, technical drawings as specified in item 6)

3.4 Quality assurance on the manufacturer's premises

Manufacturer of the radioactive source holds ISO 9001 certificated, valid until _____

Copy enclosed.

Submission of a quality control concept describing the control measures used to ensure compliance with the quality requirements in the manufacturing process.

Concept and documents (e.g. corresponding extract from the quality management manual) are Enclosed

Further information:

4. Essential radiation protection features of the appliance

(List, e.g. essential design features, dimensions, material of the appliance, enclosure of the radioactive substance, protection from unauthorised access)

- Supporting documents and/or copies enclosed (as specified in item 6)

5. Operating instructions

Operating instructions in German language are available

Title: _____

No. _____ Published as of _____

Documents and/or copies enclosed

Operating instructions in German language will be filed later

Further information:

6. Documents required for type determination

Technical drawings conforming to standard that provide a precise and complete overview of the design, dimensions and material of the appliance and the essential radiation protection components. The documents must be enclosed in two copies.

6.1 Type drawings of the appliance

| Name / subject | Drawing number | Version / date |
|----------------|----------------|----------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

6.2 Type drawings of the radioactive source and the mount

| Name / subject | Drawing number | Version / date |
|----------------|----------------|----------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

6.3 Further application documents, existing certificates

(in addition, if available, drawings and documents in electronic form)

| Documentation name | Documentation no. / data medium | Version / date |
|--------------------|---------------------------------|----------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

7. Supplementary information

| |
|--|
| |
|--|

Date

Signature and company stamp