

**Technical details for X-ray tube housing assemblies
(pursuant to Annex 2 no. 1 RöV)**

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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 marked accordingly.

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

	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Distributor
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2. X-ray tube housing assembly (X-ray tube and protective tube housing)

2.1 Type designation / trade name

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

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2.3 Purpose of use of the X-ray tube housing assembly

Employed in X-ray equipment for non-medical purposes according to

- Annex 2 no. 1.1 RöV for the purposes of fine structure x-ray analysis, e.g. X-ray diffraction, microradiography, X-ray spectral analysis
- Annex 2 no. 1.2 RöV as other type of X-ray tube housing assembly (up to a maximum of 500 kV)
for _____

- Technical details required for type approval procedures pursuant to RöV, Annex 2 no. 1 (X-ray tube housing assemblies) -

3. Protective tube housing

3.1 *Type designation / trade name*

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3.2 *Manufacturer (company, address, if different from 2.2)*

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4. X-ray tube (must be indicated even if the X-ray tube housing has been designated)

4.1 *Type designation / trade name*

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4.2 *Manufacturer (company, address, if different from 2.2)*

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4.3 *Further X-ray tube details*

e.g. model, design, anode material, nature and material of exit window, angle of emergence

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Supporting documents and copies enclosed

4.4 *Designation of further X-ray tubes to be used*

Manufacturer Companies, addresses, if different from 4.2	Type designation / trade name	Further details (e.g. anode material, model etc.)

- Technical details required for type approval procedures pursuant to RöV, Annex 2 no. 1 (X-ray tube housing assemblies) -

6. Documents required for type determination

6.1 Type drawings of the X-ray tube housing assembly and/or protective tube housing

Technical drawings conforming to standard, which provide a precise and complete overview of the design, dimensions and material of the appliance and the essential radiation protection components (e.g. shutter, screening etc.)

Drawing number	Subject	Version / date

6.2 Type drawings of the X-ray tube

Technical drawings conforming to standard, which provide details on the internal design of the X-ray tube, in particular the dimension of and the material used for the anode, the position of the focal spot, special features etc.

Drawing number	Subject	Version / date

6.3 Further application documents, existing certificates in addition, if available, drawings and documents in electronic form

Documentation number / data medium	Documentation name / subject	Version / date

- Technical details required for type approval procedures pursuant to RöV, Annex 2 no. 1 (X-ray tube housing assemblies) -

6.4 Operating instructions (please check where applicable)

<p><input type="checkbox"/> The X-ray tube housing assembly is operated independently; operating instructions in German language are enclosed indicating the essential radiation protection features.</p> <p>Title: _____</p> <p>No. _____ Published as of _____</p> <p><input type="checkbox"/> The X-ray tube housing assembly is intended for integration into X-ray appliances, remarks:</p> <p>_____</p> <p><input type="checkbox"/> Documents and/or copies enclosed</p> <p><input type="checkbox"/> Operating instructions in German language will be filed later</p> <p>Further information:</p>
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Date

Signature and company stamp