**Application for Measurement Service at SPring-8**

**[Spokesperson]**

 Name:

 Organization:

 Division/Department:

 Date:

**1. Title:**

**2. Details of Samples:**

Information in this section is used for technical review; so please be as specific as possible.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name ofMaterial\*1 | Shape\*2 | Quantity\*3 | Hazards\*4 | Purpose of Use\*5 | Handling/DisposalMethod\*6 | SafetyMeasures |
|  |  |  |  |  |  |  |

 \*1: Enter the composition as well. Avoid abbreviations (e.g. Sr0.9La0.1TiO3).

 \*2: Only powder samples contained in glass capillary tubes are accepted.

 \*3: Amount per sample (e.g. capillary diameter: 0.3 mm x 10 tubes, etc.)

 \*4: e.g. poison, deadly poison, organic solvent, specified chemical substances, toxic, burnable, harmless, etc.

 \*5: Measurement Service

 \*6: e.g. sealed in a capillary, measured and taken home as is, etc.

**3. Details of Measurement**

Specify the desired X-ray (wavelength) and exposure time per sample.

e.g. 10 keV, 5-minute exposure

In the case of variable temperature measurements, also provide the desired temperature range (Be as specific as possible).

e.g. from 100 to 600 K, at intervals of 50 K

**4. Desired Period of Measurement and Number of Required Beamtime**

e.g. Tuesday, October 11, 2011 - Friday, October 14, 2011 (10 hrs)

**5. Attendance**

5.1 Wish to attend the measurement sessions?

(Choose “Yes” if you wish to conduct variable temperature measurements.)

 - Yes

 - No (Shipment of sample is required.)

5.2 Has the person wishing to attend the sessions completed the SPring-8 Radiation Worker Registration for the fiscal year?

 - Yes

 - No

**6. Comments/Special Instructions**

**7. Contact Person's Information**

 Name:

 Organization:

 Division/Department:

 Email:

 Tel:

 Fax:

**Important Notes: Unacceptable Samples**

The following samples are not accepted.

a) Biological samples (e.g. animals, plants, and microorganisms)

b) "Level 4" chemicals defined by JASRI

(i.e. substances requiring the approval of the competent authority)

- Specific substances regulated by the "Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals"

- Narcotic and psychotropic drugs regulated by the "Narcotics and Psychotropics Control Law"

- Stimulant drugs and ingredients of stimulant drugs regulated by "Stimulant Drug Control Law"

- Hemp and hemp products regulated by the "Cannabis Control Law"

- Opium, poppy or poppy straw regulated by the "Opium Law"

- Specified poisonous substances regulated by the "Poisonous and Deleterious Substances Control Law"

- Substances for which manufacturing is prohibited under the "Industrial Safety and Health Law"

Note: Measurements are carried out in air at room temperature.