**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, 1wt%Pt/Al2O3, ZnO (film thickness: 100 nm)/SiO2 (substrate size: 10 x 20 mm, thickness: 1 mm) etc.

 In the case of thin films, also specify the film composition and substrate size.

 \*2: Specify the type of container and form of sample.

 e.g. pellet (amorphous powder), aluminum bottle (solution), plate (polycrystalline thin film), etc.

 \*3: Use appropriate units. (e.g. 100 mg x 10 pieces, 1 g x 5 sheets, 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 plastic bag, etc.

**3. Details of Measurement**

For each sample, specify the element, absorption edge, and XANES or EXAFS.

e.g. Sr0.9La0.1TiO3, La, La-K (if known), XANES, etc.

Please note that measurements are performed in air at room temperature.

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

e.g. Tuesday, December 8, 2009 - Friday, December 18, 2009 (10 hrs)

**5. Attendance**

5.1 Wish to attend the measurement sessions?

 - Yes

 - No

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 and Sample Environment**

The following samples and sample environment 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"

c) In situ measurements (e.g. in a gas atmosphere, at high/low temperature, etc.)