**Application for Feasibility Study Proposal at SPring-8**

**[Spokesperson]**

Name:

Organization:

Division/Department:

Date:

**1. Title:**

**2. Beamline:** BL14B2, BL19B2 or BL46XU

**3. Measurement method:**

e.g. X-ray Imaging, XAFS, Powder diffraction, Small angle X-ray scattering, Structural Characterization of thin film by X-ray diffraction and X-ray reflectivity measurement, Hard X-ray Photoemission Spectroscopy etc.

**4. Details of Samples:**

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name of  Material\*1 | Shape\*2 | Quantity\*3 | Hazards\*4 | Purpose of Use\*5 | Handling/Disposal  Method\*6 | Safety  Measures |
|  |  |  |  |  |  |  |

\*1: Enter the composition as well. Avoid abbreviations.

e.g. Sr0.9La0.1TiO3, 1wt%Pt/Al2O3, FeNi (20 nm) / Au (5 nm) / MgO\_substrate, 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 × 10 pieces, 1 g × 5 sheets, etc.)

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

\*5: measurement

\*6: e.g. sealed in a plastic bag, etc.

**5. Information you want to know:**

e.g. crystal structure, local structure, valence, 3D imaging, etc.

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

e.g. Monday, July 1, 2019 - Friday, July 26, 2019 (2 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**

1. 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"

2. The time required to process an application will depend on the type of sample. Please visit the following site and check the submission deadline specified for each type of sample before application.

http://user.spring8.or.jp/?p=1565&lang=en