Application for Use of RCNP Accelerators

Date Year 2016

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| Experiment Number |  | Experiment Period | ~ , 2016 |
| Experiment Title |  |
| Experiment’s Spokesperson | Full Name |  | Accelerator | Final-Stage Accelerator | □ AVF□ RING |
| Affiliation |  | Particle |  |
| Energy |  |
| Position |  | Maximum Beam Current |  |
| E-mail |  | Beam Line |  |
| List of the members who will work in the radiation-controlled area.＊ Appointed date for radiation safety lecture (Put “○” if already registered as a radiation worker at RCNP) |
| Full Name | Affiliation | Participation Period | ＊ | Full Name | Affiliation | Participation Period | ＊ |
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| Name of the contact person when the spokesperson is absent  |  |

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| Check if your experiment will produce or use unsealed radioactive isotopes. | □ Yes (describe detail on the back of this page)□ No |
| Target | Material Name/ Chemical Form |  | Rough sketch around the target |
| Physical Form | □Gas □Liquid □Solid |
| Thickness |  mg/cm2 |
| Remarks |  |
| Treatment of radio-activated materials | Taking out any material? | □ Yes□ No | Material to be taken out |  |
| Is it activated? | □ Yes □ No □ RI | Nuclide |  | Quantity |  Bq |

\* Beryllium is a strictly controlled toxic material in RCNP. It is prohibited to take beryllium into RCNP from outside. Beryllium material must be used in its original purchased form and must not be modified at RCNP. To use it in RCNP, please consult the person in charge for chemical products.

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| Use of special equipment or materials | □ Laser | Class：　　　 Notification to the person in charge： □ Yes 　□ Not yet |
| □ Liquid Hydrogen |  |
| □ Nuclear Fuel Material | Material： Uranium/Thorium　　　 Quantity：　　 　　g |
| □ Chemical Agent | Material： |
| □ Hydrogen Reduction Pile |  |
| □ Biological Experiment | Approval by the ethical committee:　 □ Yes □ Not yet |
| □ Use of Sealed Radioisotopes | Nuclide：　　　 Quantity：　　　 Bq Proposal for the Use of Sealed Radioisotope： □ Yes 　□ Not yet |
| □ Others |  |
| Approval for the use of the above equipment(s) by safety division. | □ Yes　　□ Not yet |

\* Crane operation including putting slings (ropes) on loads or cranes requires a license. If you do not have a license and need crane operation, please consult with the RCNP staffs.

\*If the experiment aims at producing radioactive isotopes, please contact the radiation safety office.