**Laboratory Pre-Design Safety Questionnaire**

Please answer the following questions to the best of your ability. This information will be used to facilitate the design requirements for your laboratory and allow for further discussions with EHS if clarification is necessary.

Completed forms should be emailed to the Photonics Center – [photonics@bu.edu](mailto:photonics@bu.edu), along with the Hazardous Materials/Equipment Survey Form

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| --- | --- |
| Principal Investigator: | Contact Phone #: |
| E-mail: |  |
| Alternate Lab contact who can answer more detailed questions if necessary: | Alternate Lab Contact Phone #: |
| Alternate Lab Contact e-mail: | |
| Laboratory Name: | |
| Address: | |
| Lab Room Number(s): | Department: |
| Please outline the nature of your research: | |

Please provide a brief summary of your laboratory facilities including any shared equipment that may be used by the researchers in your lab

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A) Chemical Use

1) Complete the attached Hazardous Materials Survey.  Please provide a complete inventory of chemicals that will be used in this laboratory. **Please include the concentration of each chemical in addition to the quantity.**

Note: chemicals that may be used in the future should be noted on this inventory as “possible future use”.

2)  Will any liquid-form silanes be used? Yes  No 

If yes, please indicate how liquid-form silanes are being used in the lab:

3) Will this lab be using chemicals formerly used in another laboratory? Yes  No 

If yes, please indicate where these chemicals are coming from and what chemicals:

4) Will any highly toxic chemicals, be used? Yes  No 

If yes, please indicate what chemicals are being used in the lab:

5)  If using any highly toxic chemicals, have less toxic materials been considered?

Yes  No 

B) Provide a list of all laboratory equipment that will be used in the attached Equipment Inventory List. Include equipment such as: Chemical Fume Hoods, Bio-Safety Cabinets, Laminar Flow Hoods, Refrigerators, Freezers, Ovens, Machinery, etc.

C) Will animals be used in this laboratory? Yes  No

If yes, please indicate what animals will be used in the lab:

D) Will Bio-Hazardous Materials be used or generated?  Yes  No

If yes, please indicate what specifically is being used in the lab:

E) Will any human-source material (including cell lines and rDNA) be used?   Yes     No 

If yes, please indicate what specifically is being used in the lab:

F) Will any [select agents](http://www.cdc.gov/od/sap/docs/salist.pdf) be used? Yes  No

If yes, please indicate what select agents are being used in the lab:

G) Will lasers be used in this lab? Yes  No 

Please indicate the quantity of lasers for each laser class (indicate all that apply)

 Class 1       Class 2       Class 3a        Class 3b       Class 4

H) Will X-Ray generating devices be used in this lab? Yes  No

If yes, please indicate what devices are being used in the lab:

I) Will any controlled substances be used in this lab? Yes  No 

If yes, please indicate what substances are being used in the lab:

J) Will any radio-nuclides be used in this lab? Yes  No

If yes, please indicate what materials are being used in the lab:

Also, check which radio-nuclides will be used:

32P     35S     14C     3H      125I  Other (please specify):

K)  Will any compressed gases be used in this laboratory? Yes  No 

If yes, please indicate what materials are being used in the lab and if any of these gases are high pressure (please indicate the pressure in psi):

L)  Will any of the following gases be used? Yes  No 

 (Please check all that apply):

Arsine  Boron tribromide  Boron trifluoride

Bromine  Chlorine  Fluorine 

Hydrogen bromide  Hydrogen chloride  Hydrogen cyanide

Hydrogen fluoride  Hydrogen peroxide  Methylamine 

Ozone  Phosgene  Phosphine 

Silicon Tetrachloride

M) Will any cryogenic gases be used in this laboratory? Yes  No

If yes, please indicate what materials are being used in the lab:

N) Will there be a cold room in this laboratory? Yes  No 

O) Will recombinant moieties be used? Yes  No 

If yes, please indicate what materials are being used in the lab: