# High Magnetic Field Hazard Assessment Form

| | |
|---|---|
| **Date:** | **Location:** |
| **EHS Assessor:** | **Signature:** |
| **Responsible Equipment Operator:** | |
| **Responsible Person: Signature:** | **Date:** |
| **EHS Assigned Equipment No.:** | |

## Equipment Information

| | |
|---|---|
| **NIH Property No.:** | **Property Owner:** |
| **Manufacturer:** | |
| **Model No.:** | **Serial No.:** |
| **Magnet Manufacturer:** | **Magnet Model:** |
| **Operating Frequency: MHz** | **Does Operating Frequency Change?** |
| **Notes:** | |

**Equipment Type:**

NMR ☐ Particle Accelerator ☐ MRI ☐ Computer Drive Eraser ☐

SQUID ☐ Other ☐ _____

## Hazard Information – Gauss Line

| | |
|---|---|
| Is a 5 gauss line identified? | Yes ☐ No ☐ N/A ☐ |
| Is 5 gauss line identifiable with a yellow and black hash line or barrier? | Yes ☐ No ☐ N/A ☐ |
| Are ferrous materials maintained outside of the 5 gauss? | Yes ☐ No ☐ N/A ☐ |
| Has EHS measured and verified location of 5 gauss line?<br>Meter S/N: _____ | Yes ☐ No ☐ N/A ☐ |
| Is magnetic equipment operated at different frequencies? | Yes ☐ No ☐ N/A ☐ |
| Is there a representative 5 gauss line for each operating frequency? | Yes ☐ No ☐ N/A ☐ |

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|---|---|
| **Notes:** | |
| **Hazard Information – Cryogenic Liquids** | |
| Are cryogenic liquids used with the equipment? | Yes ☐ No ☐ N/A ☐ |
| Identify cryogens used: | |
| Are cryogens plumbed into the laboratory area? | Yes ☐ No ☐ N/A ☐ |
| Are cryogens stored in tanks within the laboratory area? | Yes ☐ No ☐ N/A ☐ |
| Is the room equipped with oxygen deficiency alarms? | Yes ☐ No ☐ N/A ☐ |
| How many alarm points are located in the laboratory area? | |
| Is PPE appropriate for handling cryogenic liquids available? | Yes ☐ No ☐ N/A ☐ |
| **Notes:** | |
| **Hazard Information - Other** | |
| **Note any other hazards present:** | |
| **Hazard Information – Postings** | |
| Is a high magnetic field posting at the laboratory entrance? | Yes ☐ No ☐ N/A ☐ |
| Is a NCI at Frederick Hazard Communication sign posted at the lab entrance? | Yes ☐ No ☐ N/A ☐ |
| **Notes / Follow up actions:** | Yes ☐ No ☐ N/A ☐ |