



Laboratory Safety *Self-assessment* Checklist for Principal Investigators, Teaching Laboratory Coordinators/Superintendents and Lab Supervisors

Name: _____

Department: _____

Room No: _____

Indicate if the following risks are relevant to your laboratory:

Yes N/A

- Radioactive materials [www.mcgill.ca/ehs/laboratory/radiation]
- ANSI (American National Standards Institute) Class 3b or 4 lasers, or embedded lasersystems [<https://www.mcgill.ca/ehs/laboratory/laser-safety>]
- Biological safety – Containment Level 1 [www.mcgill.ca/ehs/laboratory/biosafety]
- Biological safety – Containment Level 2 or 2+
- Biological safety – Containment Level 3
- Chemical storage and handling [www.mcgill.ca/ehs/laboratory/lab-safety-manual]
- FirePrevention [[Lab Safety | The Neuro - McGill University](#)]
- Ergonomics (repetitive movement) [www.mcgill.ca/ehs/programs-and-services/ergonomics]

Indicate if your laboratory personnel have received training and/or information in the following: see also Neuro Laboratory Training Requirements at [Lab Safety | The Neuro - McGill University](#)

Yes N/A Training required

- WHMIS 2015 (Workplace Hazardous Materials Information System) [www.mcgill.ca/ehs/training/whmis/]
- Radiation Safety [www.mcgill.ca/ehs/training/radiation/]
- Laser Safety & Baseline Eye Exams [www.mcgill.ca/ehs/training/lasersafety/]
- Introduction to Biosafety [www.mcgill.ca/ehs/training/biosafety/]
- Safe Use of Biosafety Cabinets [www.mcgill.ca/ehs/training/biosafety/]
- Respiratory Protection Training & Fit Testing (for N95 or reusable for respirators) [www.mcgill.ca/ehs/training/respiratory-protection-fit-testing/]
- Hazardous Waste Disposal [www.mcgill.ca/ehs/training/hazardwaste/]
- Emergency equipment (ex. location and use of fire extinguishers, eyewashes, showers)
- Emergency procedures (ex. telephone numbers, evacuation protocols)
- [[Lab Safety | The Neuro - McGill University](#)]
- First aid (location and maintenance of first aid kits, first aid procedures) [www.mcgill.ca/ehs/training/firstaid/]
- Reporting accidents, incidents, spills and dangerous situations
- [www.mcgill.ca/ehs/forms/forms/]
- Personal protective equipment (gloves, eye protection, etc.)





Signage:

Yes No

- Have laboratory information cards (LICs) been updated within the last 3 years?
[\[www.mcgill.ca/ehs/myLab\]](http://www.mcgill.ca/ehs/myLab)
- Are LICs posted on all doors where hazardous materials are handled or stored? Radiation permits displayed where radioactive hazards are used.
- Laser permits displayed where laser hazards are used.
- Are freezers, refrigerators and other areas used for storage of hazardous materials secure and labelled to indicate contents, ownership and emergency contact?
- Cold room guidelines [\[www.mcgill.ca/ehs/forms/posters\]](http://www.mcgill.ca/ehs/forms/posters)
- First aid poster updated and posted in the lab [\[www.mcgill.ca/ehs/files/ehs/1staid_form-095_v.1.2_lab_workshop_emergency_poster.pdf\]](http://www.mcgill.ca/ehs/files/ehs/1staid_form-095_v.1.2_lab_workshop_emergency_poster.pdf)
- First aid kit available and inspected every three months
[\[www.https://mcgill.ca/ehs/files/ehs/1staid_form-012_v.1.7_first-aidkitinspectionform.pdf\]](https://mcgill.ca/ehs/files/ehs/1staid_form-012_v.1.7_first-aidkitinspectionform.pdf)
- Eyewash station available (in the lab or corridor) and tested every week [tags provided yearly by EHS]
- Emergency shower available (in the lab or corridor) and tested every year by Building Services [tags provided by EHS to Building Services]
- All embedded laser hazards indicated with hazard symbol or label
- All storage areas labelled properly
- All bottles / containers labelled properly