# Table of Contents

## Laboratory safety spotlight guidebook

| Section | # | Document Title | Applicable Labs**1** |
| --- | --- | --- | --- |
| I. Laboratory Registration |  |  |  |
|  | 1. | Laboratory Registration Process | All Labs |
|  | 2. | Laboratory Door Signage | All Labs |
| II. Emergency Response |  |  |  |
|  | 1. | General Emergency Response Plan | All Labs |
|  | 2. | Chemical Spill Procedures | All Labs |
| III. Policies & Procedures |  |  |  |
|  | 1. | General Lab Safety | All Labs |
|  | 2. | Lab Orientation | All Labs |
|  | 3. | Personal Protective Equipment | All Labs |
|  | 4. | Working Alone | All Labs |
|  | 5. | Unattended Operations | All Labs |
|  | 6. | Waste Management | All Labs |
|  | 7. | Hazardous Waste How-to | All Labs |
|  | 8. | Hazardous Waste Flow Chart | All Labs |
|  | 9. | Occupational & Preventative Health | All Labs |
|  | 10. | WHMIS Training | All Labs |
|  | 11. | Chemical Inventory, Labelling & Storage | All Labs |
|  | 12. | Transfer of Chemicals | All Labs |
|  | 13. | Transportation of Dangerous Goods | All Labs |
|  | 14. | Annual Chemical Weapons Declaration | All Labs |
|  | 15. | Fume Hood Use | All Labs |
|  | 16. | Equipment Repair | All Labs |
|  | 17. | Lab Equipment Clearance Form | All Labs |
|  | 18. | Quonset Area Access Procedures | All Labs |
| IV. Resources |  |  |  |
|  | 1. | WHMIS Symbols | All Labs |
|  | 2. | HSE Programs | All Labs |
|  | 3. | Lab ergonomics | All Labs |
|  | 4. | Chemical Safety Manual | All Labs |
|  | 5. | Writing SOPs | All Labs |
|  | 6. | Handling & Removing Peroxides | All Labs |
|  | A1. | *Radionuclide Safety Manual* | *Radio Isotope* |
|  | A2. | *LASER Instrument Registration Form* | *LASER* |
|  | B1. | *Biosafety Reference Manual* | *Biologicals2* |
|  | B2. | *PHAC-Laboratory Biosafety Guidelines* | *Biologicals* |
|  | C1*.* | *Handling Hazardous Gases* | *Compressed Gas* |
|  | C2. | *Handling Hydrofluoric Acid* | *Hydrofluoric Acid* |
|  | C3. | *Handling Pyrophoric Materials* | *Pyrophoric* |
|  | C4. | *Handling Perchloric Acid* | *Perchloric Acid* |
|  | C5. | *Handling Picric Acid* | *Picric Acid* |
|  | C6. | *Handling Cryogenic Materials* | *Cryogenics* |
|  | C8. | *Handling Piranha Solution* | *Piranha Solution* |
| V. Training Records |  |  |  |
|  | 1. | Lab Users Training Records | All Labs (1 per user) |
|  | C7. | *Quiz for “Handling Cryogenic Materials”* | *Cryogenics* |
|  | A3. | *Radio Isotope Training Records* | *Radio Isotope* |
| VI. Inspections & Certification |  |  |  |
|  | 1. | Preparation for Lab Reviews | All Labs |
|  | 2. | Self Inspection Checklists | All Labs |
|  | 3. | Records of Inspection, Reviews & Certificates | All Labs |

**1**Documents applicable to ‘All Labs’ must be kept and maintained. Other documents may be deleted if they do not apply to your lab:

A: Radio Isotopes / LASER

B: Biologicals

C: Special Chemicals and Other Hazards

D: Field Safety

**2**Any lab experimenting or working with live, preserved, or necrotic organisms.