

McMaster University

Laboratory Workplace Inspection

Date: _____ H & S Committee Name: _____ Inspected by: _____

Building: _____ Lab #: _____ Department of: _____ Director/Chair/Dean: _____

Description	S - Satisfactory	N - Not Satisfactory	N/A	Hazard Class	Responsible Supervisor	Corrective Action	Date Action To Be Taken
Emergency							
Exit routes clearly marked and unobstructed							
Aisles are clear and unobstructed							
Exit lights are operational and clearly visible							
Emergency contacts and telephone numbers posted on the exterior door leading into the lab							
Warning notices posted on the exterior door indicating radiation, magnetic field, laser, level 2/level 3, etc.							
Fire extinguisher(s) tagged with recent date checked							
Eye Wash and Shower stations operating and recent date checked (tag or sticker)							
Emergency 'Dial 88' notices are posted and visible							
Chemical/Biological Spill Kits available							
If applicable, fire blanket available and recent date checked (tag or sticker)							
If applicable, fire hose cabinet with recent date checked (tag or sticker)							
First Aid Kit available and names posted of those certified in standard first aid							
Safety window in the exterior door is not obstructed							
WHMIS							
Up to date inventory of chemicals used in the lab							
SDS are available, easily accessible and up to date							
Labelling is used							
PPE (Personal Protective Equipment)							
Closed toed shoes are worn							
Lab coats, appropriate chemical gloves, appropriate eyewear for lab task							
If applicable: face shield, hearing protection available							

Hazard Class

- A - Major (High Risk - immediate danger to life and health) STOP WORK OR CONTROL HAZARD IMMEDIATELY
- B - Moderate (Medium Risk- potential for non-life threatening injury)
- C - Minor (Low Risk - long term potential for slight injury or illness)

Description	S - Satisfactory	N - Not Satisfactory	N/A	Hazard Class	Responsible Supervisor	Corrective Action	Date Action To Be Taken
Fume Hoods							
Fume hoods have recent date checked (sticker)							

Sash lowered to appropriate level							
Interior of fume hood is not cluttered with apparatus to disrupt air flow							
Vent Alert is operating							
Chemical Storage and Handling							
Storage of organic peroxides, dated, tested after expiry (6 months) or disposed of							
Refrigerators containing chemical/biohazardous substances are labeled to identify, including restrictions							
If applicable, refrigerator is explosion safe or explosion proof, according to use							
Chemicals are stored to compatibility							
Flammable storage cabinet is labelled (and if vented has a sticker with recent date checked)							
Flammable/combustible products do not exceed storage limits							
Gas cylinders properly secured/capped or with a regulator							
Flammable gases are not stored in lab (i.e. propane, acetylene)							
Corrosive chemical storage area(s) is labelled; corrosive materials are stored low to ground							
Flammables stored away from heat or other ignition sources							
General							
No Eating/Drinking Signage is posted							
Sink disposal concentrations posted and complied with							
Bench tops and work areas clean and tidy							
Fluorescent tubes/bulbs are lit, and shades secured							
Ceiling tiles secured and in place							
Waste							
Hazardous waste containers labelled							
Sharps disposed into labelled, puncture-proof containers, needles are not recapped							
Biological (i.e. Level 1/pathogenic) waste disposed of in (hospital red) (campus yellow) bags							
Radioactive wastes properly contained and labeled							
Equipment							
Centrigues - with interlocks							
Electrophoresis equipment - with interlocks/high voltage sticker							
Condition of Bunsen burner tubing							
Autoclave has adequate space							
Piping (tubing), valves, and fittings checked for integrity							
Equipment, tools, pulleys, belts, having exposed moving parts are guarded							

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Electrical							
Electrical equipment, power strips, cords/plugs, no evidence of cuts, fraying or other damage							
Equipment meets the Electrical Safety Authority standards							

Ergonomics							
Computer monitors positioned properly							
Material stored in cabinets/counters are within best practice reaching range							
Sufficient counter space to work manual handling techniques are practiced (i.e. doney/cart use, reducing the load when lifting)							

Comments from lab users when interviewed during the lab workplace inspection (i.e. practices, equipment, procedures, ergonomics, etc.):

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Copy of the completed inspection shall be provided to the supervisor(s) responsible for lab; Dean/Chair/Director of the Department; JHSC

30 days from the date inspected, a copy of the workplace inspection with corrective action(s) is to be returned to the JHSC.