



Department of Civil Engineering  
University of New Brunswick

## Laboratory Safety Information [Mortar/Masonry Lab– A-14]

Hours of Operation: 7:45 AM – 4:00 PM Mon to Fri (Summer)  
8:15 AM – 4:30 PM Mon to Fri (Fall/Winter)

Contacts	Name	Phone	Email
Technician	Chris Forbes	452-6114	cforbes@unb.ca
Faculty Member	Dr. Michael Thomas	458-7789	mdat@unb.ca

Use of this laboratory is restricted to authorized personnel only.  
Restrictions apply to the use of equipment in this area  
Check with the CE Chief Technician for training & authorization.

### Personal Protective Equipment

- CSA Approved Safety Footwear must be worn at all times.
- Other protective equipment may be required to conduct certain activities. When in doubt consult a Technician.
- Masks must be worn when dust or fumes are in the air.

### Specific Rules And Hazards Associated With This Lab Include:

#### Restrictions on the operation of equipment

- Training and authorization is required for the use *all* equipment.

#### Working alone or in isolation

- Permission is required to work alone, in isolation or after hours.

#### Capacity

- Normal Occupancy during teaching labs is less than 15.

#### Housekeeping/Storage of Materials

- Always keep work areas clean and tidy.
- Place tools and equipment in proper place after use.
- Ensure all tripping and slipping hazards are removed.
- Keep all pathways and means of exit free of obstruction.
- Assure chemicals are place in appropriate cabinet.

This is only a partial list. It is YOUR RESPONSIBILITY to know and follow the rules for the safe operation of this laboratory.

For more information go to

[www.unb.ca/fredericton/engineering/depts/civil/safety](http://www.unb.ca/fredericton/engineering/depts/civil/safety)



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### Rules Associated with this Laboratory Include:

<b>Equipment</b>
<ul style="list-style-type: none"> <li>• CSA approved safety footwear must be worn at all times.</li> <li>• Long hair must be kept tied back.</li> <li>• All users must be authorized by the Chief Technician and be trained in the safe use of all equipment and/or tools before using them.</li> <li>• Refer to Standard Operating Procedures for information regarding the safe use of and appropriate PPE for all equipment.</li> <li>• Appropriate PPE must be worn while using equipment.</li> <li>• CSA approved safety footwear must be worn at all times.</li> </ul>
<b>BUEHLER Trim Saw</b>
<ul style="list-style-type: none"> <li>• ONLY trained personnel are permitted for use. Permission from the Chief Technician is required.</li> </ul>
<b>Training</b>
<ul style="list-style-type: none"> <li>• Training in standard operating procedures is required for all equipment.</li> <li>• Training logs are to be kept for all personnel working in the lab.</li> <li>• Current graduate students and teaching assistants must attend a department safety training session annually.</li> </ul>
<b>Materials storage and handling</b>
<ul style="list-style-type: none"> <li>• All WHMIS controlled products must be handled according to WHMIS regulations.</li> <li>• ALL waste materials must be stored in the designated area.</li> </ul>
<b>Means of egress</b>
<ul style="list-style-type: none"> <li>• Keep all pathways free of obstruction.</li> <li>• Assure you are aware of exits and are able to leave in an orderly fashion.</li> </ul>
<b>Research set ups</b>
<ul style="list-style-type: none"> <li>• All research set ups shall have a “Research in Progress” sign. The sign must include the name and contact information of researcher and the researcher’s supervisor as well as any pertinent information regarding safety.</li> </ul>
<b>Samples</b>
<ul style="list-style-type: none"> <li>• Samples should not be stored in this lab.</li> <li>• All samples must be clearly marked.</li> </ul>



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### Materials storage and handling

- All WHMIS controlled products must be handled according to WHMIS regulations.
- All waste materials must be stored in the designated area.

### Lifting

- Working in this laboratory may require you to move or lift heavy items. Be sure to follow appropriate lifting techniques. Ask for assistance if you need it.

### Review

- A review of these safety rules is to be conducted annually.