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Working Alone in the Lab--CHEM 584

Forked from a private protocol

Ken Christensen[1]

[1]Brigham Young University

1 Works for me dx.doi.org/10.17504/protocols.io.bmnwk5fe

Ken Christensen
Brigham Young University

ABSTRACT

Working alone in the laboratory should be minimized; however, CHEM 584 students can work alone in the laboratory if they adhere to the following Standard Operating Procedure (SOP).

Also, the doors to the laboratory must remain closed during times when the class is not in a scheduled session.

EXTERNAL LINK

https://chem.byu.edu/static/media/uploads/files/chemistrydeptsafetyplan.pdf

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GUIDELINES

All personnel who are subject to these SOP requirements must be enrolled in CHEM 584 and only perform experiments required for the laboratory class. Completed SOPs are readily accessible to laboratory personnel via

Protocols.io. SOPs are reviewed and revised where needed, as described in the Department of Chemistry and Biochemistry Chemical Hygiene Plan.

BEFORE START

Working alone in the laboratory should be minimized; however, CHEM 584 students can work alone in the laboratory if they adhere to the following Standard Operating Procedure (SOP).

SAFETY WARNINGS

1. HAZARD OVERVIEW

Working alone in the laboratory creates potential safety risks that are not present while working with others. Having no other person in sight or sound of voice could cause increased time for help. Some potential safety risks are:

- If an injury occurs, there will not be another person in close proximity to assist the injured person.
- If a spill happens, there is not another person around to help clean up the spill.
- If a person becomes unconscious, there is not another person to request medical help.

When working alone in the lab, special precautions must be followed.

2. PRECAUTIONS

1. Know where the nearest safety equipment is and how to use it.
2. Do not perform any experiments that use pyrophoric materials or acutely toxic gases.
3. Perform only experiments required for the laboratory course and do not deviate from working SOPs without your instructor's permission.
4. Identify who could be contacted in the event of needing help. This could be a person in another lab, your instructor, lab manager, or safety coordinator.
5. Have someone periodically check on your safety.
6. Have accessible the cell phone numbers of instructor, safety coordinator, or lab manager.
7. Do not work alone when tired or feeling ill.
8. Use and follow procedures found in Safety Data Sheet (SDS) for spill cleanup.
9. Discuss with your instructor which equipment you can and cannot use while working alone.

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