



Principal Investigator:

Anat Shahar: R202, x8929

Secondary Contacts:

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Emergency Information:

Anat Shahar: 310-980-7148 (cell)

BBR (Gary Bors): 202-510-8577

All other emergencies: 911

Purpose:

Experiments at high pressure and temperatures to ~2000°C.

General Laboratory Features:

1. All users must be trained first before using the presses.
2. Access to the presses is subject to scheduling. Log book recording of all experiments is required, including the type of sample and assembly used, and instrument performance.
3. Do not offer to train any other user unless explicitly approved by responsible staff member.
4. All equipment brought into the lab or purchased for the lab must be approved by responsible staff member.
5. Experiments in this laboratory by their very nature can last for days or weeks. In order to assure safe operating conditions, before leaving the laboratory, satisfy yourself that all procedures are normal and check on the experiment a few times (in the first few hours) before leaving it unattended overnight.
6. Do not try to fix anything in the lab if you are there after hours or alone.
7. Fire extinguisher is located near entrance door.
8. Emergency shut-off is located next to the entrance door.
9. Emergency shower is located near the sink.
10. Emergency eye wash is located over the sink.

Specific Laboratory Features:

- Hazards: High temperature and pressure
- Whenever using piston cylinders :
 - Make sure that you have read and understood operating procedures placed near the apparatus
 - Use protective glasses whenever handling high-pressure equipment and when extracting samples and cleaning sample-containing bomb
 - Use gloves when assembling parts for high-pressure experiments and when extracting samples
 - Clean up immediately whenever there is a spill of water and/or hydraulic fluid
 - Wash your hands thoroughly before and after initiation and completion of an experiment
- All samples must be labeled in such a way as to be immediately identifiable.
- Always clean up after yourself.

Laboratory User

I agree that I have thoroughly read and understood this laboratory safety document. I have access to this safety information at all times when I am working. I have been trained to be able to identify the hazards to which I may be exposed and to follow the work practices and procedures discussed in this document. I certify that I will conduct my research work safely and that I will be responsible for following stated safety policies.

User Name (Print)

User Signature

Date

Principal Investigator

I certify that the information presented in this safety document is accurate and complete. I agree to comply with all safety procedures and to fully train and supervise all researchers under my direction.

PI Signature

Date