

ATSC On-campus Laboratory Safety Plan - Updated 20190501

This document is relevant to on-campus laboratories in the Department of Atmospheric Science (hereafter ATSC). For information about the University Flight Center, and its safety plan, please see this [LINK](#) or contact the Flight Center Safety Officer (Brett Wadsworth; bwadswol@uwyo.edu; 307-742-2435).

Background

As dictated by both the state and federal governments, ATSC must comply with laboratory safety regulations. The regulations are designed to minimize hazards in the ATSC on-campus laboratories. The University-wide program is explained at the Safety Office website [LINK](#).

The ATSC safety coordinator is Jeff Snider (Room 6019, jsnider@uwyo.edu, home phone: 307-745-7540, cell phone: 307-399-7026).

An important aspect of the ATSC's safety program is the information in Safety Data Sheets (SDS). The SDS information is in a binder in Room 6031 (behind the brown stuffed chairs).

If you purchase a chemical, an SDS should accompany your purchase. A copy of the SDS needs to be put into the SDS file and the chemical also needs to be entered into the ATSC chemical data base. Please forward the SDS information to Jeff Snider.

The ATSC Safety Program

The ATSC safety coordinator will work with the Safety Office Specialist (John Benedik, 307-766-2649) to develop and maintain a safety program for ATSC.

The ATSC coordinator will inspect laboratories for compliance with ATSC's safety program.

The ATSC laboratories are:

1. Keck - Room 6008 (Jeff Snider; 307-399-7026)
2. Environmental Chamber - Room 6012 (Nick Mahon; 307-760-3703)
3. Labs and Shop – Rooms 6002, 6039 and 6039A (Shane Murphy; 919-602-6485)
4. Air Quality Lab – Room 6015 (Rob Field; 307-399-3331)
5. Atmospheric Chemistry Lab - Room 6036 (Dana Caulton; 630-310-9217)
6. Engineering Support Group Labs and Shop – Rooms 6074A, 6074, 6078, 6074B, 6074C (Nick Mahon; 307-760-3703)
7. Ice Nucleation Lab – Room 6080 (Nick Mahon; 307-760-3703)
8. Lidar Lab – Room 6064 (Nick Mahon; 307-760-8008)
9. Laboratory – Rooms 6056 and 6056A (Jeff French; 307-399-0269)

Basics

Wear safety glasses when working in the laboratories

Do not eat or drink in the laboratories

If power goes out, leave the building

If an emergency occurs, call 911, or call the Physical Plant Service Desk 766-6225. Calls to 766-6225 are picked up by Physical Plant Operations (normal business hours), or by the Central Energy Plant (after hours).

Responsibilities of the ATSC Coordinator

The ATSC Coordinator will provide the following:

First aid kit. One is on the shelf near the fume hood in the Keck Lab (Room 6008), another is at the end of north end of a lab bench in Room 6002.

Protective gear (i.e., safety glasses, lab coats, ear protection, and respirators) for ATSC personnel handling hazardous materials. Some protective gear is stored in the closet in Student Research Lab A (Room 6012); laboratories have safety glasses.

Absorbent for cleaning up chemical spills: Two locations: 1) Room 6012 (above the sink), and 2) In the green cabinet on the north side of hallway outside Room 6012..

Data Safety Sheets (SDS) kept in three-ring binders in the Atmospheric Science Library (Room 6031 – behind the brown stuffed chairs).

Locations for chemical storage:

Dry chemicals - cabinet against the east wall in Room 6036

Solvents - under the fume hood in Room 6008

Solvents – under the fume hood in Room 6036

Solvents – under the fume hood in Room 6015

Dry chemicals - cabinet against the south wall in Room 6008

Storage containers for liquid chemical waste (containers are in the fume hood in the Keck Lab, Room 6008)

Safety showers: Atmospheric Chemistry Lab (Room 6036), Keck Lab (Room 6008), and in Air Quality Lab (Room 6015).

Eye washes: Atmospheric Chemistry Lab (Room 6036), Keck Lab (Room 6008), Air Quality Lab (Room 6015), Engineering Support Group area (Room 6074; to the left of sink), and Engineering Support Group area (Room 6074A; south wall)

A container for disposing of damaged glassware (i.e., sharps). The sharps container is located to the left of the sink in the Atmospheric Chemistry Lab (Room 6036).

The ATSC coordinator will institute a monitoring program if required to assess exposures to toxic substances. Guidelines for the establishment of chemical monitoring programs are given in the Safety Office program.

The ATSC coordinator will also recommend a monitoring program and/or medical consultation in the event that ATSC personnel are exposed to toxic materials.

Training

All ATSC personnel (faculty, staff and students) who use the on-campus laboratories will attend safety seminars offered by the Safety Office. Since Graduate Research Assistants conducting laboratory-based research are required to attend the Safety Office seminars, and because these students are employees of the University, an Student Safety Program will not be instituted in ATSC.