

LABORATORY & RADIATION SAFETY

Cornell University Department of Environmental Health & Safety

125 Humphreys Service Building, Ithaca, NY (Tel. 255-8200)

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NEWS

Fall 2002

New Laboratory Inspection Training Program

The Laboratory and Radiation Safety Section is pleased to announce a new training program – Laboratory Inspections – is available to interested colleges and departments with laboratories. This 2-hour training presentation is designed to assist Department Safety Representatives, safety committee members, faculty, staff, and graduate assistants conduct their own laboratory inspections by providing information on what issues to look for, what corrective actions to take, and identifying best management practices to prevent future problems. The program covers inspection areas related to EPA, OSHA, Fire Safety, and NYS building code regulations. The program is also designed to assist laboratories prepare for the voluntary workplace consultations being offered through EH&S. As an added benefit of attending this program, a separate “hands on” laboratory inspection training will be made available to interested attendees. Any DSR, faculty, staff, or lab group who would like to schedule one or more sessions of this training presentation at their building should contact Jerry Gordon, Manager For Laboratory Safety Programs, at jpg29@cornell.edu.

Reminder:

Laboratory Workspace Consultations for Safety and Regulatory Compliance

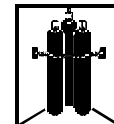
EH&S now offers a new service to campus laboratories: workspace consultations for safety and regulatory compliance.

EH&S will meet with you in your laboratory workspace and help you to evaluate both the safety and regulatory compliance issues related to hazardous chemicals. The focus of this consultation is a review of the types of chemicals you use, your storage arrangements, and your use and disposal of these materials. If you desire, we will give you a written summary that can guide you to correct problems and meet your responsibility to protect co-workers and the environment.

Topics assessed during the laboratory workspace consultation include chemical safety and compliance with chemical waste regulations.

You can request a “Workspace Safety and Compliance Consultation” by sending an email to “Chemwaste@cornell.edu”. Please include your phone number and the name of your unit.

Safe Handling Of Compressed Gases



As we all know, there are many special precautions that must be taken in order to ensure safe storage and use of compressed gases. Here are a few tips to help keep your facility and compressed gas handlers safe:

- Always keep cylinders upright and secured from falling with chains, straps, or cylinder brackets designed to hold them in place.
- All compressed gas cylinders have caps to protect their valves during shipment and in storage. Keep these caps on at all times when the cylinder is not in use.
- All connections from the cylinder to the gas delivery regulator should be tight and checked for leaks.
- Make sure that each gas in use has its own dedicated regulator. Never use adapters to change a regulator from one gas service to another. Adapters not only add potential leaks to a gas delivery system, they also increase the possibility of a violent reaction.
- Extra caution should be used when handling Oxygen. When checking for leaks in an oxygen system, make sure the leak check solution has been approved for oxygen service. Any hydrocarbons can react violently with oxygen under pressure. Also check to see if the materials used for piping are cleaned for oxygen service.
- Use the “just-in-time” next day delivery service from Airgas. Cylinder orders placed Monday through Thursday will be delivered on the next day. Orders placed on Friday will be delivered on Monday.
- Please do your part to keep cylinder storage in labs and loading docks to a minimum and only order what you need—do not stockpile cylinders on loading docks.

To set up a safety seminar on compressed gas safety for your department, contact Ian Phillips by email at ian.phillips@airgas.com or contact Robin Goodloe with Environmental Health & Safety at jag16@cornell.edu.

For more information on the safe handling of compressed gases and refrigerated liquids, contact Ian Phillips at ian.phillips@airgas.com, or call Airgas at 800-666-6523 to speak with one of their customer service representatives.

*Provided by Ian Phillips, Account Manager
Airgas East, 230 Cherry Street, Ithaca NY 14850
(800) 524-7427 Ext. 48623
(607) 273-2131 Fax*

***** Please share with your graduate students *****

Radiation Safety Eagle Awards

We are pleased to recognize the following laboratories for receiving radiation safety awards:

June

- G. Aguirre**, Vet. Clinical Sciences, Baker Annex
- V. Meyers-Wallen**, Vet. Biomedical Sci., Baker Annex
- G. Lust**, Baker Institute for Animal Health
- R. Dieckmann**, Materials Science & Engr., Bard Hall
- * **E. Dubovi**, Pop. Med. & Diag. Sci., Vet. Diagnostic Lab
- W. Koeller**, Plant Pathology, Geneva
- H. A. Brown**, Vet. Molecular Medicine, VMC
- G. Sharp**, Vet. Molecular Medicine, VMC
- S. Jones**, Biochemistry Class, Wing Hall

July

- J. Roberts**, Molec. Biology & Genetics, Biotech. Bldg.
- D. Shalloway**, Molec. Biology & Genetics, Biotech. Bldg.
- V. Vogt**, Molecular Biology & Genetics, Biotech. Bldg.
- G. Blissard**, Boyce Thompson Institute
- D. Klessig**, Boyce Thompson Institute
- D. Stern**, Boyce Thompson Institute
- * **A. Nixon**, Vet. Clinical Sciences, VMC
- J. Fortune**, Vet. Biomedical Sciences, VRT
- R. Minor**, Vet. Biomedical Sciences, VRT
- A. Quaroni**, Vet. Biomedical Sciences, VRT
- M. Roberson**, Vet. Biomedical Sciences, VRT
- A. Yen**, Vet. Biomedical Sciences, VRT

August

- * **R. Bell**, Baker Institute for Animal Health
- J. MacLeod**, Baker Institute for Animal Health
- C. Parrish**, Baker Institute for Animal Health
- A. Bensadoun**, Nutritional Sciences, Kinzelberg Hall
- S. K. Obendorf**, Textiles & Apparel, MVR Hall
- A. Lemley**, Textiles & Apparel, MVR Hall
- T. Begley**, Chemistry & Chemical Biology, S.T. Olin

September

- W. Fry**, Plant Pathology, Bradfield Hall
- M. Jahn**, Plant Breeding, Bradfield Hall
- M. Milgroom**, Plant Pathology, Bradfield Hall
- * **J. Scott**, Entomology, Comstock Hall
- J. Rose**, Plant Biology, Emerson Hall
- L. Lion**, Civil & Environmental Engineering, Hollister Hall
- M. Stipanuk**, Nutritional Sciences, Kinzelberg Hall
- P. Stover**, Nutritional Sciences, Kinzelberg Hall
- S. Gray**, Plant Pathology, VN Lab

* Winner of Meal Deal from Pizza Hut



RADIATION SAFETY TRAINING

Individuals must receive radiation safety training **prior** to starting work with radioactive materials. This training is required by law. The course is given in two separate presentations; both sessions must be attended. There is a short exam, which can be taken either at the end of the second day, or later at our office during normal business hours. *Prior registration for this course is necessary, as seating is assigned on a first come first served basis.* The next Radiation Safety training program is scheduled for:

November 13 & 15 from 9:00 to 12 noon

To register please use the online form available on our EH&S Web site, or call the EH&S main desk, at 58200. For the online form go to <http://www.ehs.cornell.edu>, select "Training", then select the course under "Class Times & Registration". Please fill in all fields before you submit your registration.

Chemical Waste Training: Everyone who generates hazardous waste must be advised that strict federal regulations apply to this activity and must be shown how to manage waste properly. If you or your staff would like to attend Chemical Waste training provided by EH&S, call 5-5600. (<http://www.ehs.cornell.edu/lrs/chemical.waste.disposal.htm>).

CHEMICAL SAFETY TRAINING

The next ***new employee*** laboratory worker OSHA Laboratory Standard training program, "Chemical Safety for Laboratory Workers", will be held in 118 Humphreys Service Building on Wednesday, Nov. 6, 9 – 12 noon.

Please contact Agnes Morris by e-mail at am28@cornell.edu or by phone at 255-5600 to register, or register online: go to <http://www.ehs.cornell.edu>, select "Training", then select the course under "Class Times & Registration". Please fill in all fields before you submit your registration.

*** REVIEW YOUR HASP SIGNS NOW ***

The Hazard Assessment Signage Program (HASP) database will soon be converted to a web-based program to make it easier for departments to make revisions. Laboratory Groups: Please review your HASP signs and inform your department safety representative of any changes. If your department HASP contact person makes the revisions and sends them to us now, EH&S will enter your data into the new web-based program for you. Please send your updates to Robin Goodloe, EH&S, 125 Humphreys Service Building or by email to jag16@cornell.edu.

*** Please share with your graduate students ***