CHEMICAL SAFETY COMMITTEE
A G E N D A
December 11, 2014
2:00 PM – 3:30 PM
Rudman G79

1. Introduce Chemical Safety Committee Members, Staff, and Guests
2. Approve Last Committee Meeting Minutes
3. Hazardous Waste Updates (Marty McCrone)
4. UNHCEMS Updates (Ken Brown)
   A. Training Module
   B. Annual Chemical Inventory Verification
5. Laboratory Safety Updates (Andy Glode)
   A. Laboratory Safety Inspections
   B. Laboratory Safety Plan Updates
   C. Laboratory Safety Renovation Projects
6. New Business
7. Next Meeting (Date/Time)
8. Adjourn

The Chemical Safety Committee (CSC) was created to assure the safe acquisition, use and disposal of all hazardous chemicals at the University of New Hampshire (UNH). It is the responsibility of the CSC to establish appropriate health and safety policies in accordance with federal, state, and local regulations and guidelines that cover chemical safety and evaluate research being conducted at UNH for chemical safety considerations.

For more information about the UNH Chemical Safety Committee, please visit http://www.unh.edu/research/chemical-safety-committee-0
UNH-CSC

Office of Environmental
Health and Safety
Perpetuity Hall
11 Leavitt Lane
Durham, NH 03824
(T) 603-862-4041
(F) 603-862-0047

Chemical Safety Committee

M I N U T E S
December 11, 2014
2:10 – 3:30 PM
Rudman G-79

Did Attend Name Department Membership Status
Y Andy Glode OEHS Voting Member
Y Brad Manning OEHS Ex-Officio Voting
Y Lee Jahnke Biological Sciences Voting Member
Y Scott Greenwood ERG & NREN Voting Member
Y Cindi Rohwer Chemistry Voting Member
Y Karen Jensen Sponsored Research Ex-Officio Non-Voting
Y Ken Brown OEHS Guest
Y Cheryl Whistler MCBS Voting Member - Chair
Y Kyung Jae Jeong Chemical Engineering Alternate for Xiaowei Teng
Y Marty McCrone OEHS Ex-Officio Non-Voting
Y Thomas Harris Chemistry Voting Member
N Janet Poff MCBS Voting Member
N Clyde Denis MCBS Voting Member
N Linda Kalnejais Earth Sciences Voting Member
N Jeff Anderson OEHS Guest
N Sarah Prescott UNH Manchester Voting Member

1. Introduce CSC Members, Staff, and Guests

   The meeting was called to order at 2:10 PM. Chemical Safety Committee (CSC) members were introduced. Eight of the twelve voting members were present. Therefore, the membership did constitute a quorum (>50%).

2. Approve Last Committee Meeting Minutes

   Member Manning made a motion to accept the minutes, member Rohwer seconded the motion; it was accepted unanimously.

3. Hazardous Waste Updates
Member McCrone provided hazardous waste updates to the committee. Bid packages for a new hazardous waste transport vehicle are due to UNH Transportation Services today (December 11), so EHS will be able to review those soon to determine what options there are for replacing the waste transport vehicle with one that is less than 10,000 GVWR.

Jeff Anderson has recently completed a review of hazardous waste handlers. He is forwarding reminder emails to hazardous waste handlers who have not yet taken hazardous waste training.

Member McCrone is working on inventory and hazardous materials reduction with Kendall Hall occupants.

Member McCrone discussed impacts of a new waste wipers rule which was recently incorporated into NH Hazardous Waste Rules. The new rule will minimize regulatory requirement for management of waste wipers contaminated with solvent. A wiper is any material used to wipe/absorb waste solvent. Wipers must be solid waste, and have no free liquid.

Member Harris asked what solvents this rule applies to. McCrone responded it applies to any solvent except for trichloroethylene and said this will benefit waste generators in PCAC, Civil Engineering, Printing and Mail, and organic chemistry teaching area. More details for management of wipers waste under the new rule should be directed to Marty McCrone.

### 4. UNHCEMS Updates

Ken Brown provided the following updates to the committee.

**A. Training Module**

The new UNHCEMS training module will be released in January. OEHS is discussing the approach to communicate the new features and it is likely live training will be offered by building.

Member Rohwer asked if the training would be delivered in a format similar to the seminar series which would be open to all members of the department. Ken responded that the target audience would be those who have supervisory responsibility.

Member Harris asked what the format of the training would be. Ken responded that he expected it to be a live demonstration of the UNHCEMS system where he would log on and show live features of the system. Member Rohwer responded that this would work and she can assist in organizing this kind of presentation. Chair Whistler recommended that the training is recorded via Tegrity. This would allow those who cannot attend the training to view the recorded version online. Ken responded that he would prefer to do the training live, but he would look into this as an option for those who cannot attend a live training.

Training are planned to be offered early 2015.

**B. Annual Chemical Inventory Verification**

OEHS will perform a verification of chemical inventory during the summer of 2015. Chemistry graduate students will do the scanning work. They will start this work in July of 2015.

### 5. Laboratory Safety Updates
Member Glode provided the following updates to the committee.

A. Laboratory Safety Inspections

CLYM Environmental Services was hired to perform laboratory safety inspections during the week of December 8. They will be performing lab inspections in Kingsbury Hall and Morse Hall. They performed laboratory inspections in early 2013 with good results. Member Greenwood asked if the plan is to have them do all of the lab inspections. Glode responded that there is no plan at this point to perform all of the laboratory inspections; we are taking time to evaluate the benefits and drawbacks of this service. Greenwood responded that he does not think it is a good idea to hire consultants to perform this service on a permanent basis because there is a high value in maintaining contact and face-time with lab workers.

B. Laboratory Safety Plan Updates

The consultant hired to revise the UNH Laboratory Safety Plan submitted a draft plan revision to OEHS in mid-November. Glode is in the process of reviewing this draft. He will coordinate draft review within OEHS then share a cleaned-up version to the committee for further edits and comments. He hopes to have a draft to share with the committee by the next committee meeting.

C. Laboratory Safety Renovation Projects

OEHS continues to be involved in review and coordination of laboratory renovation projects. Projects which OEHS is providing input on include:
- Pandora Mill building renovation to house UNH-Manchester;
- Kingsbury S174: installation of an emergency shower;
- Demeritt 217: renovation of a research lab for safe use of a low concentration of fluorine gas;
- Dairy Nutrition Research Center (DNRC) renovation of eyewashes and showers.

6. New Business

1. Member Glode stated that the impacts of FMCSA regulations of hazardous waste operations as described by Member McCrone have also impacted transport of hazardous materials from the Chemical Transfer Station. OEHS will no longer be able to transport hazardous materials which require a placard. This mainly impacts the Chemistry Department because they are most likely to use these types of materials. The best way to manage this issue is to ensure as much as possible that chemicals requiring a placard are delivered directly to the appropriate building. Member Rohwer stated that in order to comply with this, some deliveries have been made by freight trucks which have had to stop on McDaniel Drive, obstructing traffic. There are no loading docks available on core campus, making deliveries of this nature inconvenient. It is possible that chemicals requiring a placard could be delivered to the Chemical Transfer Station; in this case, the packages will have to be transported by means other than vehicle.

2. Member Glode stated that Xiaowei Teng no longer represents the Chemical Engineering Department on the CSC. Kyung Jae Jeong volunteered to replace him; Member Glode extended thanks to Jeong for agreeing to serve on the committee.
7. **Next Meeting**  
   The next meeting will be March 5, 2014 at 2:00 PM in Rudman G79.

8. **Adjourn**  
   The committee meeting was adjourned at 3:00 PM.