

Faculty of Engineering
Joint Health and Safety Committee Minutes
April 13, 2016
9:30 am – 10:30 am, JHE-A114

Management Member	Department	Attendance
Robert Fleisig	Engineering 1	Regrets
Fei Geng	BTech	Absent
Wolfram Kahl	Computing and Software	Present
Doug Keller - (<i>Certified Member</i>)	Management Cert. Member	Absent
Vladimir Mahalec	SEP	Absent
David Novog	Engineering Physics	Present
Nigel Schofield - (<i>Co-Chair</i>)	ECE	Absent
Ken. S. Sivakumaran	Civil Engineering	Present
Stephen Tullis	Mechanical Engineering	Regrets
Carm Vespi	Alumni	Absent
Jie Yu	Chemical Engineering	Absent
Igor Zhitomirsky	Materials Science	Regrets
Worker Member	Department	Attendance
Tyler Ackland	Electrical Engineering	Present
Dulcie Amaral	SEP	Regrets
Paula Gremmen	BTech	Present
Peter Jonasson	Engineering Physics	Absent
Frances Lasowski	CUPE – Unit 2	Regrets
Michael Lee	Mechanical	Present
Ed McCaffery	Materials Science	Present
John Nakamura (<i>Co-Chair</i>)	Computing and Software	Present
New member needed	Civil	
Florence Rosato	Mechanical	Absent
Doris Stevanovic	CEDT	Present
Timothy Stephens	Chemical Engineering	Present
Elizabeth Takacs	MMRI	Present
Teresa Trimboli	Computing and Software	Present
Kent Wheeler	Civil	Regrets
Jerome Yuan	MMRI	Absent
New member needed	Biomedical	
New member needed	Engineering 1	
Consultants/Guests	Department	Attendance
Dane DeMan	EOHSS	Present
Norm Hawton	EOHSS	Present
Adam Lenarcia	CAS (CUPE Unit 1)	Present

ISSUES FOR CENTRAL TO ADDRESS	Action Items
None	

1. Minutes and Announcements

<p>Minutes Approval:</p> <p>Nigel Schofield, Management Co-Chair: _____</p> <p>John Nakamura, Worker Co-Chair: _____</p> <p>The minutes, with 2 minor changes, for March 2016 were approved first by P. Gremmen and seconded by D. Stevanovic.</p>	<p>Final March Minutes were submitted to EOHSS on April 13, 2016</p>
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2. Business Arising

<p>1. Hatch Building Update – Norm Hawton</p> <p>- Next few weeks: Working on Structural Steel. Access from basement to the new building is going to be worked on. Some noise intrusion, but nothing major. End of May is targeted to cut into the JHE 2nd floor. Service Elevator will be out of service. Keep monitoring traffic in front of Hatch building. An Engineer will design a system to increase exhaust fans to extract fumes during construction. Window replacement – it is hoped to be done by mid-August.</p> <p>2. Room Inspection Summary Lists</p> <p>-None</p> <p>3. Follow up on new Room Inspection System</p> <p>J. Nakamura and D. Stevanovic will meet up to do inspections together.</p> <p>T. Stevens will cycle through all Chemical Engineering labs in the next month. P. Gremmen will participate in these inspections.</p> <p>4. Update from Facility Services</p> <p>Audit on Alarm System. They still have about 10 rooms to test and a plan is in place for an upgrade to the alarm system. D. DeMan to follow up.</p>	
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3. New Business

<p>D. DeMan: Next month NAOSH Week (First week of May is bbq/fair) All Committee members get lunch.</p> <p>Ministry of Labour sent an Alert on explosion risk on old lab samples. Lab samples left in storage rooms, cupboards and drawers. Contact EOHSS if you have any questions or need advice on disposal.</p> <p>MOL is starting a blitz on young student workers. Make sure that they have completed proper safety training.</p>	
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4. Incident Reports

<p>1. JHE-A106 - Chemical Engineering. Stirring vial of methanol, student brought vial close to face and methanol . Supervisor reinstructed student on proper chemical handling procedures.</p> <p>2. JHE-A105 - Chemical Engineering. Employee noticed bottle of toluene inside walk in fume hood close to the door. They attempted to move the bottle further into the hood however bottle slipped and broke resulting in cut leg. Supervisor to reduce the congestion within the walk in fume hood and advised students not to leave bottles in that particular area of the hood.</p> <p>3. JHE-252 - Student was conducting experiment using starch nanoparticles along with allyl bromide. Fume hoods were shut down at 7am for maintenance. Student continued to use fume hood causing strong fumes throughout the building. Part of building was evacuated.</p> <p>4. JHE-252 - Student was working in lab when another student noted a strange odour. Starch nanoparticles and allyl bromide was being used in fume hood that had been shut down for maintenance. Students and building evacuated. EOHSS investigated. New procedures and safety review. Improved communication between students and supervisor. Fume hood not to be used when shut down for maintenance Re-training of student.</p>	
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5. Safety Reports

<p>AREA</p>	<p>REPORT SUBMITTED</p>
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1. MMRI	No
2. Chemical Engineering	Yes. 6 inspections. 1 Lab (JHE 364) had labelled hazardous was arranged to have picked up. (JHE 362) had 1 student in lab were aware of HF Kit and had it removed (send to hazardous waste) JHE-141/D – minor issues.
3. Engineering Physics/CEDT	Yes. ABB-Labs – Housekeeping issues (clean up cardboard boxes etc.). Door signs need updating. MSDS sheets outdated, defrost fridge. JHE labs (CEDT), w/o for light out. Put in w/o. No tags on fume hood, fume hood cable had split – put in w/o *Note: make sure that labs in your area (all Depts) are registered with security for after-hours contact. Registration template is on Security Services website
4. Civil Engineering	Yes. ADL Building. Nothing major. Reports delivered to G. Riddell for recordkeeping
5. Electrical Engineering	Yes. 9 staff offices, all in good order.
6. Engineering 1	No
7. Mechanical Engineering	Yes. Mostly minor. JHE-A110 food inside, containers without labels, room is always crowded lab. De DeMan to look at this lab during their Lab inspections.
8. BTech	No
9. CAS	No
10. SEP	No
11. Materials Science & Eng.	Yes. Nothing significant, minor housekeeping
12. General Engineering	No

6. Central Committee Minutes/Incidents

D. Stevanovic:	
1. Gas cylinder training is now only available on-line.	
2. Metron Construction Company – 4 workers killed. Criminal Negligence was the charge for the Project Manager. Worker's weren't provided with the proper equipment. Reminder to everyone that workers all receive proper training.	

7. Other Business

Department of Science doesn't want mercury vacuum cleaner anymore. Anyone use mercury? Anyone interested?	
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D. Stevanovic to speak to Leah Allen to get details and follow up.	
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8. JHE Restructuring

None	
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Motion to adjourn, 1st by E. McCaffery and 2nd by D. Stevanovic

*NEXT MEETING: Wednesday, May 11, 2016 in **ITB-225**.

PLEASE NOTE: If you cannot attend this meeting please send regrets to Ginny Riddell at ginny@mcmaster.ca