

Faculty of Engineering
Joint Health and Safety Committee Minutes
April 10, 2019

Management Member	Department	Attendance
Lucian Balan	SEPT (BTech/SEP)	Absent
Robert Fleisig	Engineering 1	Regrets
Fei Geng	SEPT (BTech/SEP)	Absent
Wenbo He	Computing and Software	Absent
Doug Keller - (<i>Certified Member</i>)	Management Cert. Member	Present
Dmitri Malakhov (<i>Co-Chair</i>)	Materials Science	Regrets
David Novog	Engineering Physics	Present
Shahin Sirouspour	Electrical Engineering	Absent
Ken Sivakumaran	Civil Engineering	Present
Stephen Tullis	Mechanical Engineering	Present
Carm Vespi	Alumni	-
Li Xi	Chemical Engineering	Present
Worker Member	Department	Attendance
Tyler Ackland	Electrical Engineering	Absent
Jessica Anderson	Engineering 1	Present
Blaney, Anita	SEPT (BTech/SEP)	-
Monica Han	Civil	Present
Michael Lee	Mechanical Engineering	Present
Adam Lenarcic	CUPE – Unit 1 (General Eng)	Present
Heera Marway	MMRI	Regrets
Ed McCaffery	Materials Science	Absent
Simon McNamee	Engineering Physics	Present
John Nakamura (<i>Co-Chair</i>)	Computing and Software	Present
Daniel Picone	Hatch Building	Regrets
Leela Pilli	iBiomed	Absent
Talena Rambarran	CUPE	Regrets
Timothy Stephens (<i>Certified Member</i>)	Chemical Engineering	Present
Doris Stevanovic (<i>Certified Member</i>)	CEDT	Present
Kent Wheeler	Civil	Regrets
Vacant	General Eng	-
Vacant	Biomedical	-
Consultants/Guests	Department	Attendance
Leah Allan	EOHSS	Present

ISSUES FOR CENTRAL TO ADDRESS	Action Items
None.	

1. Minutes and Announcements

<p>Minutes Approval:</p> <p>Dmitri Malakhov, Management Co-Chair: _____</p> <p>John Nakamura, Worker Co-Chair: _____</p> <p>A few changes made to March 2019 Minutes. Approved, 1st D. Keller, 2nd A. Lenarcic</p>	<p>March 2019 Minutes sent to EOHSS on April 18, 2019</p>
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2. Business Arising

<p>1. Room Inspection Summary Lists (September – August yearly)</p> <p>- Eng1 handed in their yearly summary (2017-18)</p>	
<p>2. Room inspections – Lab inspections – extra eyes</p> <p>- None</p>	
<p>3. Transporting Chemicals</p> <p>- Update from L. Allan.</p> <p>- We (McMaster) don't have documents to prevent the transport of chemicals. There are documents online in the US and UK on transporting chemicals for demonstrations off-site.</p> <p>-L. Allan will look at writing a document for McMaster.</p> <p>- Discussion was held on issues regarding the transportation of chemicals (requirements, secondary containment etc.)</p>	<p>L. Allan will look at writing a document for McMaster.</p>
<p>4. Followup: L. Allan – Off-campus house inspections</p> <p>- We did not have anyone assigned to inspect the Westdale Houses.</p> <p>- Engineering Physics Department (L. Allan and D. Stevanovic) did inspect the Smart House.</p> <p>-Has drawn up a document for the occupants of the houses outlining the responsibilities. (Garbage day, cleaning interior expectations of occupants)</p> <p>- Facility Services will maintain the grounds and exterior of building. Contact them if you need anything taken care of inside the house.</p> <p>- It is the responsibility of the supervisor to inspect the house.</p>	
<p>5. Followup: L. Allan –Disconnecting exhaust pipes</p> <p>- Permanent fix to the exhaust issue (ABB-166A) has been confirmed.</p>	

3. New Business

<p>None.</p>	
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4. Incident Reports

1. JHE-208: While loosening lathe parting tool, student's finger grazed tip of tool, resulting in cut (stitches required) – Students were instructed to keep parting tool in tool holder and anticipate range of motion when making adjustments.
2. ABB-359: Individual reported eyes exposed to UV light. Set up an experiment with UV lamp in improvised box in lab. Eye was irritated – Experiment will be moved to a more isolated area. Appropriate box for UV lamp and goggles will be purchased.
3. JHE-128: Individual reports exposure to HF (46%) vapour while pouring HF into beaker. Was using a new combination sash – horizontal slider and vertical lift sash. Individual had sash raised and sliding door open while working with HF. – Vapour got up nose/burning. – SOP Written by EOHSS and distributed. Supervisor instructed individual on how to safely use fumehood.
- Notes: EOHSS states that there is no minimum limit with exposure in order to seek treatment. Individual should have gone straight to emergency because of the 46% vapour exposure. Potentially EOHSS to add to First Aid Training – waiting for confirmation from a medical doctor on their opinion on treatment to exposure (inhale fumes).
- Take HF kit with you to emergency.
4. ETB-533/534: (iBIOMED) Student was removing breakout board (component) from raspberry pi (circuit board) and cut hand on protruding pin. Band-Aid issued. – Supervisor to purchase additional breakout boards to reduce number of times they are required to be removed during project.
5. Chemical Eng – undergrad had difficulty breathing. TA asked student to sit down. It was an ongoing medical issue and the student had seen a physician that day with similar condition. Was not working in hazardous condition or chemicals – Advised student to go to urgent care. Department followed up.

5. Safety Reports

AREA	REPORT SUBMITTED
1. CAS	No.
2. Chemical Engineering	No.
3. Engineering Physics/CEDT	<p>Yes.</p> <p>Westdale house: Whitney Ave.</p> <ul style="list-style-type: none"> - House used for monitoring elderly people - Stairs into house not safe - Asbestos in dining room in crown molding - 2 washrooms – no soap - Garbage in kitchen overflowing - Smoke Detectors hanging - Who will shovel the snow? City? Follow up <p>ETB: (Eng Phys) Common Grad Office Space. Shrill</p>

	alarm behind construction area. D. Stevanovic put in a call to Facility Services to investigate. -No power outlets in kitchen area. All on same breaker. TAB Labs – fine – no issues. (update door signs)
4. Civil/ADL Engineering	Yes – ADL hard copy given to G. Riddell
5. General	Yes – Sent J. Nakamura restructuring updates (G. Riddell to print out hard copy)
6. iBiomed	No.
5. Electrical Engineering	No.
6 Engineering 1	Yes – Yearly summary – nothing major – lights, need dial #88 stickers
7. Mechanical Engineering	No.
8. Materials Science & Eng.	No.
9. MMRI	No.
10. SEPT	No.
11. HATCH	No.

6. Central Committee Minutes/Incidents

<p>1. Defibrillators: Inspections of the units is the responsibility of the person/department that has purchased the defibrillator. -How do you inspect them? Battery? - Was there a manual attached to the unit? - Add these units to the list of inspections to be done in the building. - E. McCaffery has volunteered to take care of the inspections of the defibrillators owned by Engineering.</p> <p>2. Traffic on campus: New legislation to deal with distracted driving (legislation came into effect January 2019)</p> <p>3. Annual Summary Incident Report: - Lots of slips/trips/falls (not necessarily weather related) - Spilling liquid in buildings – Mohawk College has a wipes dispenser you can use to wipe up spills easily accessible to all.</p> <p>4. Use handrail so you don't fall.</p> <p>5. Over exertion from heavy lifting and ergonomics assessment. Go to EOHSS website and assess your workstation.</p>	
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7. Other Business

<p>1. M. Han (email re: HVAC) - Received an email from Facility Services that they are going to replace the HVAC. -This will affect the ventilation of fumehoods - Use the contact info included in the email to follow up re: any questions/concerns you might have.</p>	
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1. Mechanical Engineering: M. Lee - Electronic SDS is acceptable. Paper is no longer required. -All workers must have access to SDS in the lab (on a computer)	
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8. JHE Restructuring

None	
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Motion to adjourn: 1st – D. Keller and 2nd – D. Stevanovic.

NEXT MEETING: Wednesday, May 8, 2019 in JHE-A114 at 9:30am.

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