

Joint Health and Safety Committee Faculty of Engineering

Minutes

November 12, 2008

9:30am

JHE A114

Management Member	Department	Attendance
James Chen	ECE	Regrets
Mukesh Jain	Mechanical	Present
Doug Keller	Management Cert. Member	Present
Dmitri Malakhov	Materials	Present
Michael Tait	Civil	Absent
Carm Vespi	Alumni	Absent
Michael Soltys	Computing and Software	Regrets
Prashant Mhaskar	Chemical Engineering	Present
Qiyin Fang	Engineering Physics	Absent

Worker Member	Department	Attendance
Rob Lemmon	Materials	Regrets
Jean Norris	General Engineering	Regrets
Terry Greenlay	Electrical and Computing Engineering	Regrets
Justyna Derkach	Chemical	Present
Jim McLaren	Mechanical	Present
John Nakamura	Computing and Software	Present
Warren Reynolds	MMRI	Absent
Doris Stevanovic	CEDT	Present
Peter Jonasson	Engineering Physics	Present
Anna Robertson	Civil	Present
Kent Wheeler	Civil	Regrets

Consultants	Department	Attendance
Chris Hurley	EOHSS	Present
Alicia Westfall	EOHSS	Present

ISSUES FOR CENTRAL TO ADDRESS	Action Items
1) MINUTES	
<p>There were no additions to the agenda and no comments or corrections to the October 2008 minutes. The minutes were unanimously approved.</p>	
2) BUSINESS ARISING	
<p>i) Eyewash Stations – anymore updates?</p> <p>D. Keller had a few updates, but had noticed that the floor plans do not reflect certain renovation changes, specifically JHE A105, JHE A106 and JHE 373. C. Hurley advised D. Keller to contact Peter Augustyn for an updated version of the floor plans.</p> <p>J. Nakamura stated that he will finish updating the sheets to include all eyewash stations, and showers.</p>	
<p>iii) Summary Inspection Lists</p> <p>Just a reminder to those who have not submitted a listing of all areas inspected, do to so immediately. Please submit to L. DeVuyst in the Dean’s office.</p>	
<p>iv) Bent Grate</p> <p>J. Nakamura took a look at the bent grate at an entrance near JHE 135 and it was covered with a rug. A work order has been submitted, but Facility Services have yet to fix or replace the grate.</p> <p>C. Hurley mentioned that if work orders are not being completed, then it’s perfectly acceptable to call Facility Services at ext. 24740 to check the status on work orders. You can also try calling Craig MacDonald, Director of Facility Services (Maintenance), and he will get back to you.</p> <p>J. Nakamura will follow up with Facility Services to see when this trip hazard will be fixed.</p>	<p>J. Nakamura to follow up with Facility Services</p>

3) NEW BUSINESS														
i) Ministry of Labour Incident														
<p>C. Hurley stated that there was an incident on campus where 2 students in the arts quad were standing on a ventilation grate and it gave way. One student fell 15-18 feet into the grate hole. He was uninjured, but had to be retrieved by the fire department. The grate has been fixed. He will send the Ministry of Labour order to Health and Safety Members. Please post on your departmental health and safety boards.</p>														
ii) Labelling on Fire Extinguishers		L. Morine and EOHSS to address the problem presented about labelling on fire extinguishers.												
<p>In October's meeting, D. Malakhov said that he did not think that fire extinguishers were "user friendly". He pointed out that signage on extinguishers had changed over the past year from a pictorial version, to one indicating ABC. Dmitri suggested that a simple label or visual sign be attached for ease of comprehension. A motion was passed to ask L. Morine to address these concerns.</p> <p>The committee is still waiting to hear if these concerns have been addressed by L Morine.</p> <p>P. Jonasson also stated there were a lot of fire extinguisher holders in the Basement of BSB, but there were no fire extinguishers.</p> <p>D. Keller stated that Chemical Engineering has a surplus of fire extinguishers from previous renovations, and they are currently not being used. C. Hurley said that he should contact Facility Services as they may need to be serviced.</p>														
4) INCIDENT REPORTS														
i) There was one incident in Mechanical Engineering where a technician was assisting a grad student in pushing out an aluminum casting from a mold in JHE B104. Because of the irregular shape of the casting it was not seated properly in the press and when pressure was applied the mold and casting popped free and could have resulted in an injury. The incident report was filed as a near miss, and corrective measures were put in place to prevent this from happening in the future.														
5) SAFETY REPORTS														
<table border="1"> <thead> <tr> <th>Area</th> <th>Report submitted</th> </tr> </thead> <tbody> <tr> <td>CAS</td> <td>No</td> </tr> <tr> <td>Chemical Engineering</td> <td>Yes</td> </tr> <tr> <td>Civil Engineering</td> <td>No</td> </tr> <tr> <td>ECE</td> <td>No</td> </tr> <tr> <td>Engineering Physics & CEDT</td> <td>Yes</td> </tr> </tbody> </table>		Area	Report submitted	CAS	No	Chemical Engineering	Yes	Civil Engineering	No	ECE	No	Engineering Physics & CEDT	Yes	
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CAS	No													
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General Engineering	No
Materials Science & Engineering	Yes
Mechanical Engineering	Yes
MMRI	No

Chemical Engineering inspected some graduate offices. There was nothing major to report. There were some dirty ceiling diffusers as well as some florescent lights burnt out.

Materials Engineering inspected 9 offices. D. Malakhov was concerned about one storage room in particular that is filled with a lot of boxes and files. There was no fire sensor in this specific room, and this was cause for concern. C. Hurley mentioned that there are many rooms that do not have fire alarms in them, but there is minimum detection and monitoring in the hallways. He also stated that if they were still concerned about this room not having a detector, then they should contact Facility Services.

Civil Engineering inspected a few offices and reported that there were missing floor tiles as well as missing ceiling tiles in some offices.

Engineering Physics reported some missing ceiling tiles in one of their labs.

6) CENTRAL COMMITTEE MINUTES

Minutes from May – September have been posted on Learnlink.

8) OTHER BUSINESS

i) JHE Evacuation Incident

P. Jonasson had some concerns regarding the power outage evacuation that happened a few weeks ago. He asked what kind of training staff and students were given on behaving properly during evacuations.

C. Hurley stated that all employees are required to take fire safety training and all 1st year students have similar training in their 1A00 course.

P. Jonasson stated that he had to raise his voice numerous times to students during this evacuation as they were still trying to enter the building. He suggested that it might be nice to have some sort of molded plastic sign that the fire wardens could affix to the doors that would notify people to not enter the building.

D. Malokhov said that during times of evacuation, it should be common practice to keep people informed on what is happening and when buildings would be opening again. He suggested using the new system that the university has in place, and to keep making

<p>announcements every 15 minutes to notify people of what is going on.</p> <p>D. Keller mentioned that he felt this evacuation went very smoothly compared to other evacuations.</p> <p>M. Jain stated that R. Lodewyks from Mechanical Engineering had some concerns regarding the evacuation and HF related subsequent development that led to the fire alarm. He had the following questions.</p> <p>[1]. At what point in time should the building be evacuated following power outage when fumehoods stop working?</p> <p>[2]. How to ensure that the lab contact information is up to date with the security?</p> <p>In response, C. Hurley stated that it is imperative that every lab have evacuation plans for when there is a power outage, spill, fire, and have this information communicated to everyone. It is important that people need to be aware that evacuations could happen at any time and they need to be prepared for the unexpected. If there is cause for evacuation and there is HF involved, then this needs to be reported right away.</p> <p>D. Keller stated that in this situation, an evacuation at 8:30am in the morning is likely not as hazardous as if an evacuation were to happen later in the day.</p> <p>C. Hurley also stated that it is not practice to evacuate the building with every power outage. You need to assess the situation and act accordingly. If you are in a lab with no power, then common sense would be to leave the lab as it is potentially unsafe.</p> <p>It is the department's responsibility to keep Security up-to-date with the lab contact information.</p>	
<p>9) RESTRUCTURING</p>	
<p>There were some room listings that needed to be changed and posted on LearnLink.</p> <p>J. Nakamura stated that JHE 220A is now Civil Engineering, and JHE 109 is now MMRI. JHE 373 A and B are no longer rooms as they were removed during renovations.</p>	
<p>The meeting was adjourned at 10:30am.</p> <p>NEXT MEETING: Wednesday, December 10, 2008 at 9:30am in JHE A114.</p> <p>PLEASE NOTE: If you cannot attend this meeting please send regrets to Lindsay DeVuyst at engfac@mcmaster.ca</p>	

