

McMaster University
Faculty of Engineering
Joint Health and Safety Committee Minutes

Wednesday, December 14, 2011

9:30 a.m. – 10:30p.m.

JHE A114

Management Member	Department	Attendance
Ian Bruce (Co-Chair)	ECE	Regrets
Kostas Apostolou	BTech	Present
Carm Vespi	Alumni	Absent
Doug Keller (Certified Member)	Management Cert. Member	Present
Ridha Khedri	Computing and Software	Present
Ken Sivakumaran	Civil Engineering	Absent
Marek Niewczas	Materials Science	Regrets
Prashant Mhaskar	Chemical Engineering	Regrets
Stephen Tullis	Mechanical Engineering	Regrets
Qiyin Fang	Engineering Physics	Regrets
Robert Fleisig	Engineering 1	Present
Vladimir Mahalec	SEP	Absent

Worker Member	Department	Attendance
John Nakamura (Co-Chair)	Computing and Software	Present
Anna Robertson	Civil	Present
Doris Stevanovic	CEDT	Present
Dulcie Amaral	SEP	Present
Elizabeth Takacs	MMRI	Regrets
Jeanne Norris	Engineering 1	Regrets
Jim McLaren (Certified Member)	Mechanical	Present
Ed McCaffery	Materials Science	Absent
Justyna Derkach (Certified Member)	Chemical	Present
Kent Wheeler	Civil	Present
Maneesh Khanna	MMRI	Present
Frances Lasowski	CUPE	Present
Omar Danta	BTech	Present
Peter Jonasson	Engineering Physics	Regrets
Tyler Ackland	Electrical & Computing Engineering	Regrets
Julia Profetto	Computing and Software	Away - 6 months

Consultants	Department	Attendance
Dane DeMan	EOHSS	Present

ISSUES FOR CENTRAL TO ADDRESS	Action Items
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1. Minutes & Announcements

Minutes Approval: Ian Bruce, Faculty Co-Chair: _____ John Nakamura, Worker Co-Chair: _____ The minutes were then approved by A. Robertson and seconded by D.Keller.	Final November 2011 minutes were submitted to EOHSS on Dec. 21 - 2011.
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2. Business Arising

Inspection Summary Sheets J. Nakamura requested these be submitted. Chemical Engineering submitted their summary sheets. ETB – Gas Cylinder Cage: Ran out of money for gas cylinder cage. Committee will ask to get a gas cylinder cage built in ETB. J. Nakamura will draw something up.	
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3. New Business

5 MBE SOPs Comments: D. DeMan - Should say WHMIS core not course. There should be PPE required for start-up procedures. Distribution at the end, should add Engineering Physics supervisor who it's going to and where it will be filed. J. Derkach -Suggests that SOP for the MBE Emergency Gas Monitor Guide could be attached to other SOPs for the Molecular Beam Epitaxy and separated into two parts identified as Appendix 1 and Appendix 2. -Serious and Critical Injuries – not enough information in there. -Shut down procedure for maintenance – turbo pump should be shut down “according to the procedure below”. - Steps to complete the work safely - Should put “work with a buddy if	
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<p>possible” instead of “try to work with a buddy”. Also add a procedure for working alone.</p> <ul style="list-style-type: none"> - SOP #7 – Instead of “it is a good idea to load” put down “load and empty” - SOP #18 – Replace “ Make sure to open one port at a time” with “Open one port at a time” -In case of serious injury – needs more information -“Follow the emergency plan response ...”- Make reference to one of the Appendix - Distribution should be more people -Waste disposal – “place in zip lock bag and dispose the bag properly” – should say follow the university waste disposal procedures. - “Procedure to change the big turbo...” PPE should include glasses/goggles - “Main turbo pump shuts down so that extra hydrogen phosphorous...” - should say all hydrogen phosphorous. - #5” - it is strongly advised” – Should just say turned off. - #10 – Take out “make sure” - #12 – Take out “make sure” - # 18 – Replace “make sure the main switch is on” with “ turn the main switch on” <p>A. Robertson – This is too much information for people to read.</p> <p>D. DeMan – Electrical Safety Training will be scheduled in the new year.</p>	
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4. Incident Reports

<p>1. Mechanical Engineering – Individual got a cut across the knuckle of their left hand while they were rolling a piece of sheet aluminum. Recommendation: wear protective gloves or ask for assistance:</p> <p>2. Hazardous situation in Applied Dynamics Lab – Report of an CO detector going off during welding operations.</p> <p>3. Chemical Engineering student - Individual was burned on the right arm using the roto molding machine in – Was wear heat resistant gloves during the experiment but was wearing a short sleeved shirt.</p> <p>4. Student was using a lighter to remove silicone from an aluminum fixture and a nearby cloth saturated with acetone caught fire. The fire extinguisher malfunctioned but a 2nd fire extinguisher was used to put out the fire.</p> <p>5. Chemical Engineering- A student knocked over a 120 ml plastic bottle of hydrochloric acid on the lab bench floor. About 40 mills of acid spilled on the bench or floor. And about 20 mills contacted students left upper pang leg. The student was instructed to go to the washroom to dry the leg and pants. The skin that was contacted by acid was washed with wet paper towels and then dried. No skin irritation was reported at that time. Acid spill was promptly cleaned up with universal spill pads</p>	
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5. Safety Reports

Area	Report Submitted
B Tech	Yes
CAS	No
Chemical Engineering	Yes
Civil Engineering	Yes
ECE	No
Engineering 1	No
Engineering Physics	No
General Engineering	No
CEDT	No
Materials Science and Engineering	No
Mechanical Engineering	Yes
MMRI	Yes
SEP	No

Civil – Some ceiling tiles in graduate student office look like they have mold on them and there are a few book shelves that need to be screwed to walls.

6. Central Committee Minutes/Incidents

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7. Other Business

During Fire Alarm – Someone should go to tell people standing around the building to go inside once it is safe to do so.	
D. DeMan – With winter weather make sure you are travelling on designated routes.	

8. JHE Restructuring

There was a question of who is responsible for ETB 410. J. Nakamura will check the room inspection list.	
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Motion to adjourn made by J. Derkach and seconded by R. Fleisig at 10:30am.

NEXT MEETING: Wednesday, January 11th, 2011 in JHE A114.

PLEASE NOTE: If you cannot attend this meeting please send regrets to Lindsay Martin at engfac@mcmaster.ca