

DEPARTMENT OF MECHANICAL & INDUSTRIAL ENGINEERING

SAFETY COMMITTEE MEETING

JULY 12, 2004

ATTENDEES: Jim Mills, Len Roosman, Joe Baptista, Mike Smith, Tom Bernreiter, Maurine Kwok, Jin Wang, Markus Bussmann

ABSENT: Esther Oostdyk, Yvonne MacNeil

NEXT MEETING: tentatively scheduled for Tuesday, October 12, 2004 at 2:00. Confirmation to follow.

ONGOING ITEMS FROM PREVIOUS MEETINGS:

1. Inspections are nearly finished, and a complete set of reports will be delivered to Markus in the next week or two.
2. Cristina Li, Lorna Wong, and Joe attended a first aid course on April 29 and 30, 2004.
3. Since the last meeting, Markus, Jim, and Len drafted a memo to MIE faculty and instructors, regarding their responsibilities and liabilities as regards their own graduate students and the undergraduate classes that they teach. Markus will shortly draft a second memo, a summary of appropriate actions in the case of accident/injury.
4. Although Tom has committed to attend the training required to become a management certified member of the MIE Safety Committee, he has not yet been contacted about the training.
5. Regarding air quality in RS115, Joe indicated that the ventilation system (including fume hoods) will be re-engineered over the next few months, in response to current concerns and future requirements for the space.
6. Joe indicated that an emergency dialler has been installed in the main MIE office. Joe will assess the need for additional diallers in the coming months.
7. Since the last meeting, Professor Dongqing Li has withdrawn his application for a BioSafety level 2 certificate. Professor Li had applied for the additional certification as an extra measure of safety for his lab, but had no intention of introducing live E. coli bacteria into MB51. Unfortunately, the application led to a misunderstanding that this was in fact to happen.
8. Regarding the INCO-sponsored research in RS115, and the health concerns related to the handling of a nickel powder, Jin reported that the project work (including a student) has been shifted to an INCO facility until such time that a report is prepared on the safe use of the powder in RS115. The report will be delivered to Mike Zitnik of the UofT Health and Safety Office. Joe suggested that this committee should get a copy of the report as well.

9. Since the last meeting, Len met with Tony Sinclair, Jan Spelt, and Duncan Newman regarding the undergraduate use of MB71 for course projects. It was suggested that Duncan scale back the size of the projects he assigns to his MIE241S class. As well, Len will offer safety training to all students who will use the MB71 work area. Access to the room will be scheduled, and the room is to be constantly supervised by a teaching assistant.
10. After the last meeting, Markus assembled a list of MIE faculty using class 3b and 4 lasers: N. Ashgriz, R. Ben Mrad, I.G. Currie, D. Li, A. Mandelis, P.E. Sullivan, J.S. Wallace, and C.A. Ward. The list was forwarded to the UofT Laser Safety Officer.

NEW ITEMS

1. On June 16, 2004, Len purchased 8000-series assembled respirators and particulate prefilters for all members of the machine tool lab. These will be used when any machining process produces fumes and/or airborne dust and particulates.
2. The student stop in MC78 is now up and running. Any users with previous safety training (the MIE shop safety course or the safety training offered by George Brown College) are welcome. New users must get training before starting to use the facilities.