

## Report 4 LAMU – 29.11.13 at 9. -10.30 am

Present: Elisa Bjørgo, Sandra Lopez- Aviles, Eshrat Babaie, Gladys Tjørhom, Ingrid Guldvik , Berit Barkley and Liv Bjørland (secretary).

Excused: Ingrid Kjelsvik

Health Service UiO: Knut Andresen was present as our BHT-contact and is also working with the risk-assessment concerning the leakage of CO<sub>2</sub>.

**Item 4- 1/13** The report 3 from last meeting 06.09.13 was approved

**Item 4- 2/13** Short briefings:

- Report 2013 “Checkup of the hoods” mid-October. For the first time every hood were approved.
- Rebuilding of the storage in the basement. Unintended change. The rooms for waste will become bigger, and the ordinary storage smaller than intended. BiO has accepted. The rooms will become ventilated, and the old cooling system with gas R22 will be replaced.
- Meeting with BHT the 22nd of Nov for order/support 2014. We have reduced the needs for BiO and increased the needs for NCMM. The noise between the meeting rooms and the offices at NCMM is on the agenda.

**Item 4- 3/13** The CO<sub>2</sub> gas leakage. Knut Andresen had a presentation of the problem. Air shift per hour is 5 for the smallest lab at 38m<sup>3</sup>. The expansion rate of CO<sub>2</sub> is 553 That means that 30 kg gas will provide 16590 liter gas (16,69m<sup>3</sup>) to the room. To empty the CO<sub>2</sub>cylinder at one bar the manometer will give 15,3 m<sup>3</sup> /hour. This corresponds to 81000ppm CO<sub>2</sub> or 8,1% with 5 air shift per hour. The long term (8 hour) effect should not be higher than 0,5% and the short term effect (15 min) should not be more than 15000ppm (1,5%). BHT will buy a sensor to detect higher concentration and we will do a new leakage test at 1 bar and below to see if our calculations correspond to what is the reality.

**Item 4- 4/13** BiO got 1 deviation in the report from the internal audit concerning lab security. BiO/ NCMM will implement the final meeting after the safety inspection. Otherwise the report was noted with no comments in LAMU.

**Item 4- 5/13.** Review of the Safety inspection 2012. There are some task which has not been solved within 2013. All marked in blue. The most important items are a new responsibility list for BiO, the risk assessment for the chemicals at NCMM and the noise from the corridors and between meeting rooms and offices are still a problem. BHT will help us to solve the problem about noise in 2014.

**Item 4- 6/13** The safety inspection 2013 is postponed to January 2014. Since BiO and NCMM now get a new waste storage we will concentrate on the handling of waste. The safety deputies also wanted to include people`s use of data-sheets into the inspection. The inspection at Bio will be performed by Anita Robøle, Eshrat Babaie, Gladys Thjørhom and Liv Bjørland. The inspection at NCMM will be performed by Elisa Bjørgo( CAO), Ingrid Guldvik og Liv Bjørland. LAMU wants to

have the group-leaders and the engineers present at the inspection. Liv sends out an e-mail to the employees before Christmas to inform about the program for the safety inspection.

**Item 4- 7/13** Any other matter

Representative for the students in LAMU. Postponed to the next meeting

**Item 4 - 8/13** First meeting 2014

Suggestion: Early February Liv makes a doodle.

Attached:

The program for the inspection