

Meeting 4/10/08 SRC Subcommittee on Laser Safety

Present: Marc Hertlein (ALS), Joel Ager (MSD), Eddie Ciprazo (UCB), Bob Schoenlein (MSD), Ken Barat (EH&S), Neil Landau (BSO), Xianglei Mao, (EETD), Paul Blodgett (EH&S)

Agenda:

- (1) update on the Laser AHJ status and laser safety protocols
- (2) discussion of plans for upcoming DOE audit
- (3) discussion of policy for working alone with hazardous materials and equipment
- (4) student eyewear project.

Minutes

Update on Authority Having Jurisdiction - AHJ (from Neil Landau)

BSO retains AHJ for lasers, no formal request yet from LBNL to change this
BSO can delegate AHJ (and has done so for electrical safety to Keith Gershon)
BSO retains AHJ for fire safety

- (1) Laser Safety Protocols are being reviewed by Russ Kelly at Oak Ridge Site Office
LBNL needs to formal request approval of protocols
Protocol issue is being pursued separate from AHJ issue (see above)
- (2) DOE laser Safety Audit scheduled for June 14
Russ Kelly (ORSO) will lead the audit
Audit will be referenced against the ANSI Standard, and will evaluate the program focus.
- (3) There was consensus agreement that there is no need for a 'work alone' policy for lasers, and that conceivable laser hazards would not prevent 'self-rescue' by seeking help or dialing 7911 etc.
- (4) Summer students from France – eyewear evaluation
 - survey laser eyewear
 - evaluate condition (good, bad etc.)
 - document wavelength, and check for adequate labeling
 - evaluate documentation for use beyond formal specifications
 - evaluation of laser barriers (including labels)
- (5) Interlock testing – to be done 2x per year. LSO will send out blanket reminders to all laser users.
- (6) Questions were raised about OJT, and technical proficiency of laser users. There was consensus agreement that OJT refers only to laser safety (i.e. that users are trained to recognize and mitigate the laser safety hazards of a particular laser set-up). OJT does not refer to technical proficiency of users to run specific experiments, or operate specific laser systems.