



Laser Safety Protocol # 010

Date: May 2008

TO: Laser users
FROM: Ken Barat, LSO
SUBJECT: Standard Operating Procedures (Activity Hazard Document)

GOAL

Document the application and requirements for written SOPs to be maintained with the laser equipment.

Protocol

All LBNL SOPs (AHDs) are written by the user and approved by the LSO. The official version will be maintained on line. Users have the option to print off a copy for internal lab use, but are not required to do so and keep with their laser systems.

ANSI Z136.1

Section 4.4.1 of ANSI Z136.1 (2000)
The LSO shall require and approve written SOPs for Class 4 laser or laser systems. These written SOPs shall be maintained with the laser equipment for reference by the operator, and maintenance or service personnel

CRDH

The Center for Devices and Radiological Health is the Food and Drug Administration body tasked with developing laser light performance product safety standards. CDRH has no policy on SOPs

Rational

Each experiment involving class 4 lasers require a written and approved SOP (Activity Hazard Document). In today's paperless society LBNL has all its AHDs

and approval process on line. The user can print off a copy of their AHD, but the official version is on line. All staff at LBNL has the capability to view the ADH on line. The laser safety program has an On the Job Training requirement to make sure users are familiar with laser safety controls. Third party service or maintenance staff are to receive a briefing of the hazards in the immediate work area. There is not a LBNL policy that a hard copy is kept at the laser system. LBNL has completed a commitment to the DOE site office to convert all hardcopy AHDs to an electronic format. It has been the verbal policy of the BSO that hardcopy versions of AHD can be easily outdated and as long as a electronic version are available to staff they are sufficient.

Contact Information

In case of questions or comments, contact Ken Barat, Laser Safety Officer (LSO), at ext. 2544, kbarat@lbl.gov.