

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASACHUSETTS INSTITUTE OF TECHNOLOGY

Annual Safety Audit	24 – March – 10
LIGO- T1000153-v1	
CIT - LIGO Labs Annual Safety Audit March 2nd & 3rd, 2010	
Submitted By: David J. Nolting - LIGO Safety Officer	

12. 40M Lab: Steve Vass

- a) Outside fenced area FPA sign needs to be marked with hazard and people contact information.
- b) Install safety guard at "point of operation: for drill press
- c) Update/review SOPS and procedures.
- d) Update Lockout/Tagout Program.
- e) East end of lab - remove white board counter weight.
- f) East end of lab - store crane test weights horizontally.
- g) Extension cords that are anchored/tied down, should be replaced with "hard-wire" if not being used as a temporary set-up.
- h) Removed unused cabinet glass doors.
- i) Laser Interlock system needs improvements.
- j) Overhead cranes need to be certified annually to ensure proper and safe operation.
- k) Crane operators should receive recertification training.
- l) The laser warning sign is out of date and should be brought up to the current ANSI standard.
- m) The laser warning sign for a laser area under a HEPA workbench near the south end station is not to standard. The wavelength and type of laser is not listed. There is also no SOP or authorized personnel list nearby.
- n) The various instrumentation racks do not appear to be anchored to the floor – which seems like the easiest way to fasten them.