

# AREA HAZARD ANALYSIS WORK FORM

**Title:** Geodetic Laboratory Sect 10 (Tape Room)

**Location (Bldg & Rm)** Bldg 001B North side Under SEC.10 LINAC

**Instructions:**

An Area Hazard Analysis (AHA) is a process that is used to evaluate a work area to 1) determine the hazards that may be present 2) determine appropriate controls for these hazards and 3) provide a mechanism to communicate these hazards to someone entering the area. The AHA covers the facility and equipment within the facility. It does not cover specific jobs/tasks that may be performed in the area. Job/task specific hazards and controls are covered by the JHAM process.

The AHA should be done by the area manager, in cooperation with the Building Manager. An AHA should be done once for all working areas and whenever there is a change in to the facility or regulations or the introduction of new equipment or new hazard.

Complete instructions and supporting information is available at [https://www-internal.slac.stanford.edu/esh/SLACsafety/jham/aha\\_instruction.htm](https://www-internal.slac.stanford.edu/esh/SLACsafety/jham/aha_instruction.htm). Enter information into boxes which will expand to accommodate whatever length of text is entered. Once this AHA is complete, the area responsible person signs.

Processes / Equipment in Area	Hazards	Recommended Controls & Actions
<b>Outer room</b>	Moving Shelves during earthquake Main power supply Threshold at the door  Hazardous Material	Close shelves after using them. The shelves are earthquake secured Do not block the main control switch within 36 inches. Remove the threshold and put a protection against dirt and water on the door itself instead of on the floor Chemicals are generally maintained in cabinet when not in use. Chemicals are kept in marked containers.
<b>Upper housing</b>	Fall hazard	In the upper housing is a hole in the floor, it is covered with an insulation box and a railing. Do not remove the railing or the insulation. If the rail has to be removed to perform work a fall-arrest harness has to be used
<b>Laboratory</b> <ul style="list-style-type: none"> <li>• Vertical and horizontal comparator</li> <li>• Test set up of HLS</li> <li>• Compressed air</li> </ul>	Laser interferometer (Class II) Moving parts Hole in the floor (2 ½ foot deep)  Fall and trip hazard  Personal exposure via: Compressed air.	Do not stare into laser beam Do not touch comparator during operation Build rail around the hole  Set up along the wall behind the vertical comparator  All open compressed air lines to be fitted with an OSHA compliant nozzle limiting pressure to 30 psi. (nozzle will be marked – if not, replace) All compressed air equipment to be kept in good condition.

<ul style="list-style-type: none"> <li>Granite table</li> </ul>	Movement during earthquake	Replace worn hoses, loose fittings etc. Install earthquake safety clamps
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<b>Completed by</b>	<b>Print Name</b>	<b>Date</b>
<b>Area Responsible:</b>		
<b>Participants:</b>		