

AREA HAZARD ANALYSIS WORK FORM

Title: Babar Online Lab and Online Dataflow Lab

Location (Bldg & Rm) Bldg 280, Rooms 138 and 161

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. 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
Several racks of VME electronics and computers.	Electrical shock hazard, short circuit hazard, earthquake hazard.	Racks have been braced for earthquake by SEM. Exposed voltages and stored energies are below SLAC “hot work” standard (i.e. <50V, and <10J) but care should be exercised when probing. When boards are inserted into crates do not apply too much force. This could be an indication of a board being plugged into an incorrect slot, which could result in a short circuit.
Equipment and books on shelves.	Falling hazard, especially in an earthquake.	Keep heavy equipment and books on lowest shelf only (i.e. below 5 feet, the “office safety” requirement for heavy objects).
Cabinets.	Earthquake hazard.	Cabinets have been braced for earthquake by SEM. Keep doors closed so that objects stay inside cabinets in event of earthquake.

Completed by	Print Name	Date
Area Responsible:	Christopher O'Grady and Steffen Luitz	January 13, 2005
Participants:		