

Task or Employee: LST Work at CEH Routine Non-routine

Retention: Completed Routine JHAMs are retained by the employee and supervisor. Non-routine JHAMs are retained until the task is fully closed out. In the case of an accident, the form is to be retained for use by the review team. Complete instructions and supporting information is available at <https://www-internal.slac.stanford.edu/esh/SLACsafety/jham/>. Enter information into boxes which will expand to accommodate whatever length of text is entered. Once this JHA is complete, all participants should sign in the Acknowledgement section. Add rows by placing cursor in the right box of the last row and entering a tab.

Sequence of Basic Job Steps	Potential Hazards	Controls & Recommended Actions
General Office Work/ Site Safety	Listed in EO ES&H Manual	See EO ES&H Manual
Trip Hazards	Some gas and electrical lines are on the floor	Cover lines with wooden "tunnels" where feasible Be aware of remaining hazards No open-toed shoes allowed
Work with Low-Pressure Gas Delivery System for Limited Streamer Tubes	Asphyxiation Flammable Gases Accidental Rapid Pressure Release	Insure that not enough gas is available to cause asphyxiation. Be aware of Oxygen Deficiency Monitors Pre-mix gas is not flammable Insure that lines and vessels are at low pressure before disconnecting
Work with High Voltage/Low Current Power Supplies and distribution.	Startle Shocks	Insure that HV is disabled when doing any work – no Hot work Be doubly careful when working on ladders, etc.
Connecting and dis-connecting HV cables	Startle Shocks	See LST HV JHAM
CEH Pit-related Hazards	Crane Hazards Asphyxiation "Working Alone"	See CEH Safety Manual and AHA. Wear Hard Hat at all times. Do not stand under crane. Evacuate if ODM alarm. Do not work alone.
Soldering	Burn Inhalation of fumes	Use protective holder to store heated iron. Properly dispose of solder dross Use in well ventilated areas
Hand Tools	Personnel exposure via: Inappropriate use of tools for task at hand. Lack of attention to task.	Use correct tools(s) for the job and make sure they are in good condition. GFCI for all electrical plug in tools. Pay attention to your own job and your surroundings. Report all unsafe tools to machine shop manager. PPE: Protective eyewear, gloves, machine shop garb as required for level of hazard.
Climb ladders.	Falling Head injury	Inspect ladders before use. Do not use damaged ladders. Use the right ladder for the job. For example, do not use an "A" frame ladder to lean

Sequence of Basic Job Steps	Potential Hazards	Controls & Recommended Actions
	People run into ladder	against a building...use an extension ladder. Store ladders so they will not block exits in the event of an earthquake.

Acknowledgements	Print Name	Signature or Initialed	Date
Supervisor:			
Participant:			