

Job Hazard Analysis and Mitigation

Task or Employee: BaBar Trigger

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
Trigger crate operations	Electric shock	<ul style="list-style-type: none"> • Power off crate before any operation on the crate or board in the crate. • Unplug power supply for any major operations on crate. • Check around the rack to make sure no one else is working on the rack before power on.
Trigger Electronic board operations in crates	Fume or fire due to high currents burning crate backplane in case of short circuit.	<ul style="list-style-type: none"> • Inspect board type and slot type before board insertion • Regular inspection of possible pin damages on backplane and boards • Maintain sensible power supply current limits for safer operation • Web page containing guidance and practical instructions specific to the board/crate operations. Especially, making sure new people joining the effort to read this before they start.
Additional issues for CL G223 Lab work	Tripping and possible rack shifting during earthquake or operations	<ul style="list-style-type: none"> • Resist temptation to conveniently lay cables across the floor which could be tripping hazard. • Reorganize floor plan to reduce clutter. Add mechanical supports to fasten the racks, improve power distribution and reduce awkward cabling.

Acknowledgements	Print Name	Signature or Initialed	Date
Supervisor:			
Participant:			