

Task or Employee: Maintenance of LST FEC 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
1. Worker gains access to IR2 Vault		<p><i>Administrative Controls:</i></p> <p>All persons making controlled access must have the appropriate training. See: http://www.slac.stanford.edu/cgi-bin/12hredirect/BFROOT/www/Detector/Operations/CareAndFeeding/care?access</p> <p>Noone is allowed to stay alone in the IR2 vault. If another LST expert is not available at IR2, ask the Run Coordinator or Pilot to provide a backup who can assist the LST expert in the IP vault during the work</p>
2. Worker gains access to FEC crate.	<p>FEC crates are on BaBar detector, and behind the PEP-II PPS gates.</p> <p>Some crates are on a side platform with restricted headroom and is accessed by a ladder.</p>	<p><i>Engineering controls:</i></p> <p>PPS system assures that the beams are off before entry.</p> <p>The ladder to the side platform conforms to OSHA rules, and is welded in place.</p> <p>There is bucket to move equipment such as oscilloscope up to the platform.</p> <p><i>Administrative controls:</i></p> <p>Worker should follow all BaBar access</p>

		<p>guidelines and obey all posted signs, such as hard hats.</p> <p>Worker should use both hands while ascending or descending the ladder.</p>
3. Worker turns off power to FEC crate using front panel switch.	None	
4. Worker removes FEC board.	None.	
5. Worker installs FEC board.	None.	
6. Worker turns on power to FEC crate using front panel switch.	None.	
7. Worker exits BaBar detector area.	<p>FEC crates are on BaBar detector, and behind the PEP-II PPS gates.</p> <p>Some crates are on a side platform with restricted headroom and is accessed by a ladder.</p>	<p><i>Engineering controls:</i></p> <p>The ladder to the side platform conforms to OSHA rules, and is welded in place.</p> <p><i>Administrative controls:</i></p> <p>Worker should follow all BaBar access guidelines and obey all posted signs, such as hard hats.</p> <p>Worker should use both hands while ascending or descending the ladder.</p>

