Job Hazard Analysis

Electrical Work Plan → BaBar Drift Chamber module testing – LV ON **NON-ROUTINE** **26 Jan 2005**

This is an EWP in accordance with ES&H bulletin 68A

Sequence of Basic Job Steps	Potential Hazards	Controls & Recommended Actions
1. Worker enters space	a.) ODH b.) Electric shock c.) Entrapment	Contact confined space coordinator well before entry and adhere to confined-space entry permit controls, including: i.) Change bulkhead cover gas from N2 to air at Gas Shack panel, ventilate space with orange fan for at least 10 minutes before entry, have SHA (x3517) monitor atmosphere inside, have attendant at opening at all times, ensure all involved are CS trained; ii.) Lock out DCH high voltage at plug to Caen Module iii.) Send in shortest, most flexible worker able to perform work. iv.) Worker must wear safety glasses. N.b.: Attach copy of permit to this analysis
2. Worker removes bulkhead panel	Same as a.-c., above	Same as i.-iv., above.
3. Worker removes cover of FEA	Same as a-c., above	Same as i-iv., above
4. Worker takes measurements of Signals with O'scope	Same as a-c., above Plus LV accessible is 6.6 V at 3.5 amps total. Individual regulators are 1.5 – 5 V @ 1 amp max.	Same as i-iv., above Exercise caution when using probes around exposed LV
5.Worker replaces covers and exits space.	Same as a.-c., above	Same as i.-iv., above.

CONDITION: Worker experiences or displays unusual physical symptoms: e.g., distressed breathing, ringing in ears, dizziness	Entrapment of ailing or injured worker	STOP WORK. Worker exits immediately and reports to SLAC medical Other technician notifies SHA for reevaluation of space

Acknowledgements	**Print Name**	**Signature or Initialed**	**Date**
Supervisor:			
Participants:			