Job Hazard Analysis and Mitigation

Task or Employee: **IFR-RPC System Worker/Commisioner** ☒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
Identify and remove malfunctioning RPCs, Distribution Boxes, or cables from HV distribution system	• Falls • Electric shock –Startle Hazard <10 kV, < 2 mA, < 1 J stored energy	• Use proper fall-arrest harness and equipment when necessary • Use appropriate ladder safety techniques • Follow IFR HV Procedure A or B
Replace malfunctioning Front End electronics cards (FECs)	• Falls • Minor risk of electric shock – DC voltages < 7 V and currents < 5 Amp	• Use proper fall-arrest harness and equipment when necessary • Use appropriate ladder safety techniques • When working on FEC crates remove power connector
Replace malfunctioning CAEN HV cards in Electronics House	• Electric Shock – CAEN crates are powered by 120 V AC. With backplane < 24 V. Cards produce <10 kV and 2 mA. • Scrapes and cuts	• Turn off CAEN crate • Remove AC plug from Receptacle • Exercise care in mechanically removing the cards from the crate to avoid scraping against other cards
Replace malfunctioning VME monitoring cards in Electronics House	• Electric Shock – VME crates are powered by 120 V AC. VME backplane < 24 V • Scrapes and cuts	• Turn off VME crate • Remove AC plug from Receptacle • Exercise care in mechanically removing the cards from the crate to avoiding scraping against other cards

Sequence of Basic Job Steps	Potential Hazards	Controls & Recommended Actions

Acknowledgements	Print Name	Signature or Initialed	Date
Supervisor:	Henry Band		
Participants:			