

# Job Hazard Analysis and Mitigation

Task or Employee: Venting BaBar drift chamber\_\_\_\_\_       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
Purge drift chamber below 50% LEL (0.9%) Of isobutane	See: <a href="http://www.slac.stanford.edu/BFROOT/www/Detector/CentralTracker/safety/isobutane_to_helium.pdf">http://www.slac.stanford.edu/BFROOT/www/Detector/CentralTracker/safety/isobutane_to_helium.pdf</a>	Follow procedure
Vent DCH VVM41 in rack B636-05. Close VVM41. Close VVM34 on the front of B636-06.	Damage to DCH, general hazards listed in above procedure	Vent slowly Read procedure

Sequence of Basic Job Steps	Potential Hazards	Controls & Recommended Actions
Repair leak	Use of manlift  Use of tools  Possible damage to surrounding parts  Possible sharp edges	Follow operators manual  Use tools correctly  Use care  Use care
Close VVM41 Open VVM34 Return DCH to operation	<a href="http://www.slac.stanford.edu/BFROOT/www/Detector/CentralTracker/safety/air_to_helium.pdf">http://www.slac.stanford.edu/BFROOT/www/Detector/CentralTracker/safety/air_to_helium.pdf</a> <a href="http://www.slac.stanford.edu/BFROOT/www/Detector/CentralTracker/safety/helium_to_isobutane.pdf">http://www.slac.stanford.edu/BFROOT/www/Detector/CentralTracker/safety/helium_to_isobutane.pdf</a> <a href="http://www.slac.stanford.edu/BFROOT/www/Detector/CentralTracker/safety/isobutane_to_running.pdf">http://www.slac.stanford.edu/BFROOT/www/Detector/CentralTracker/safety/isobutane_to_running.pdf</a>	Follow procedures

Sequence of Basic Job Steps	Potential Hazards	Controls & Recommended Actions

Acknowledgements	Print Name	Signature or Initialed	Date
Supervisor:			
Participants:			