

Electrical Work Plan

(Reference ES&H Bulletin 68A. Attach additional pages as needed)

Job Name: Intermediate Power Supply System Test

Location: B118 Test Area

Effective Dates Of Plan - Start: 03/01/2005 End: 03/01/2006

Work To Be Performed By: Fernando Rafael, Greg Johnson and Critt Taylor

Person In Charge: Fernando Rafael Phone: x4607

Description Of Work:

Test SPEAR3 Intermediate Power Supplies in intermediate PS Test Stand.
Controls will be placed on a extender board for diagnostic work. Load not to be run over 50VDC.

Associated Hazards (e.g. voltage, current, etc.):

3 phase 480 VAC Input
Up to 150 Vdc and 100 A Output combination

Hazard Mitigation (e.g. specific PPE, barriers, etc):

Lock Out the system using appropriate SAPE-152 B118-480V-DS-COL-DSP(1) Lock and Tag.
Use PPE for breaker operation:

- Hazard Risk Category 0 clothing, non-melting, flammable materials, (i.e. untreated cotton, wool, rayon, or silk, or blends of these materials) Shirt (long sleeve), pants (long), closed toe work shoes.
- Electrical safety glasses/goggles w/UV Protection
- Two people required for testing (2 person rule)

Caution tape area restrict access

All connections are covered

Inspection Required After Work? - Yes No (Required for New Installations.)

Originator: Fernando Rafael Date: 03/01/2005

Approvals As Required By Bulletin 68a (Sign, print name and title, and date):

M. Widmeyer M. Widmeyer Spvr. 3/1/2005

Participants (All workers to read, sign, print name and date):