

MINOS Near Detector Installation
Job Hazard Analysis

MINOS NDI-JHA # 3

Job Description : Installation and Commissioning of PMT High Voltage System

There are two LeCroy 1440 HV mainframes used to provide high voltage to at total of 194 Hammamatsu M-64 Photmultiplies, which are installed in groups of 3 or 4 in Alner Boxes located in the MINDER front-end racks.

Job Specific Hazards :

1. AC power distribution to the mainframe(220V)
2. High Voltage (700V typical operation); maximum supplied by unit 1000V

Planned Mitigation of Hazards

The mainframe will be powered off (via the front panel switch) before any work is done on the mainframe, including connecting or disconnecting HV cables to either the mainframe or the PMT's.

Reviewed and approved by Installation Supervisor :

Name

Date