

SLAC Activities Update

University of Wisconsin

Shaun Alsum

LZ Madison Group Meeting

August 24



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON



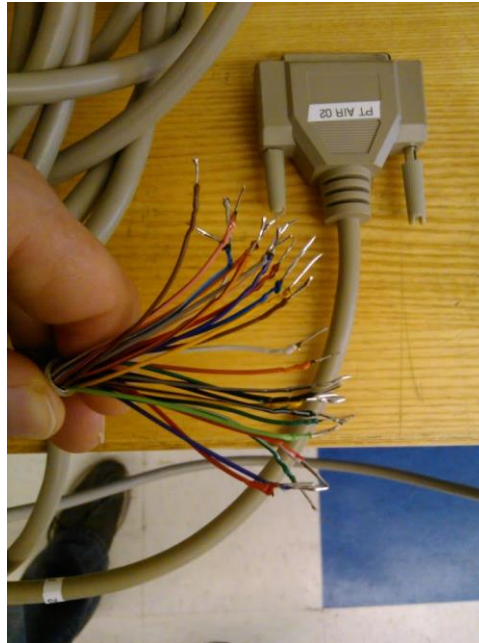
Thermosyphon and Condenser

- Re-sealed TS vacuum space and leak checked it.
- Reconnected TS lines and vacuum jackets to the condenser.
- Leak checked OV (vacuum space) in the condenser. leak free.
- Back filled the TS lines going to the condenser with helium to leak check them. Leak free.
- Back filled helium to the Inner vessel Xenon space. Leak to the OV but was the rate we expected at 3×10^{-7} Torr*liter/sec

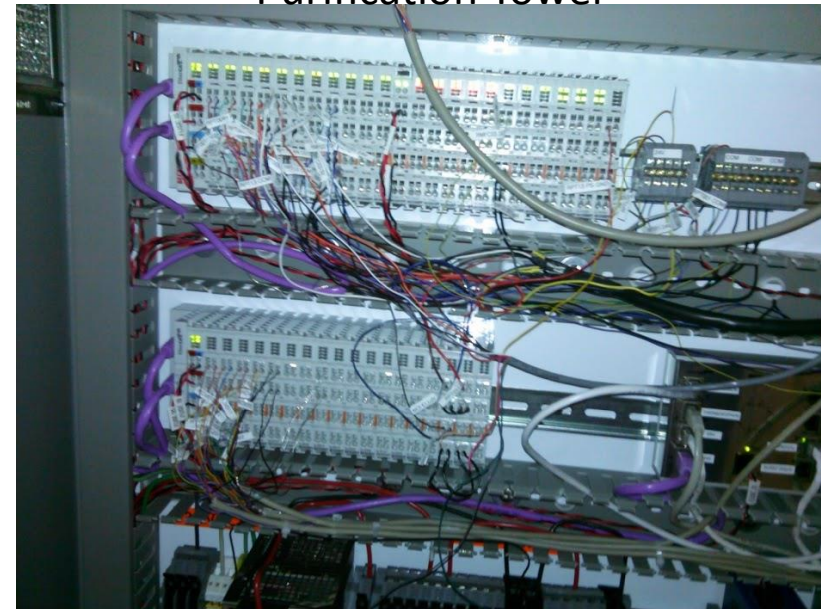
Cabling

- Running cables from the Purification Tower to the PLC.
 - Learning how to read the P&ID and how to document things.

Prepared 3 cables and labels, connected one of them to the PLC.



Purification Tower



One of the PLC boxes