

Solenoid Service Tower Installation Checks

Date: December 12, 2016

Time: 10:00 – 10:45

Attendees: Krister Bruwhel, Pablo Campero, Probir Goshal, Ruben Fair, Renuka-Rajput Goshal, Scot Spiegel, Tyler Lemon, Wesley Moore

I. Discussed timeline for Solenoid Service Tower (SST) installation in Hall B.

1. SST H-frame support installation started 12/12/2016.
2. H-frame support needs to be load tested before SST is installed in Hall B.
3. SST installation estimated completion: morning 12/13/2016.
4. Install scaffolding for access to SST while connecting cables after SST installation.
5. After SST installation and cable connections, checks will start on SST sensors and instrumentation.
6. Renuka will distribute information on when task list items will start once SST is installed.

II. Discussed SST installation checks and required work before checks can be done.

1. Table below details I & C tasks.
2. Due to vacations, task owners have changed. Updated task list has yet to be distributed.
3. Tasks 3-6 need scaffolding; use of scaffolding may require harness.
4. Tasks 7-13 can only be performed after SST installed and cabled in Hall B.
5. Task 10: Heater cabling not fabricated; cannot complete task.

#	Task	Task Owner	Charge Code
1	Hi-pot test the system	P. Ghoshal	4 hrs
2	Check all the temperature sensors and voltage tap wiring	P. Ghoshal/K. Bruhwel	4 hrs
3	Connect all temperature sensor cables to cryocon units	M. Lester/K. Bruhwel	4 hrs
4	Connect all level sensor cables to level read back units	M. Lester/K. Bruhwel	4 hrs
5	Connect heater cables to heater controllers	M. Lester/K. Bruhwel	4 hrs
6	Connect all pressure transducer cables	M. Lester/K. Bruhwel	4 hrs
7	Check the Cryocon Units temperature data readback in PLC and EPICS	R. Rajput-Ghoshal, P. Campero-Rojas, W. Moore	4 hrs
8	Check all valve operations via PLC and displayed in EPICS	P. Campero-Rojas and Cryo Tech	8 hrs
9	Check all the voltage channels reading via cRIO, PLC and EPICS	R. Rajput-Ghoshal, T. Lemon, P. Campero-Rojas, W. Moore	8 hrs
10	Check all heater channels are reading via PLC and EPICS	R. Rajput-Ghoshal, T. Lemon, P. Campero-Rojas, W. Moore	4 hrs
11	Check all liquid level channels are reading via PLC and EPICS	R. Rajput-Ghoshal, T. Lemon, P. Campero-Rojas, W. Moore	5 hrs
12	Install and check Ice-Management system	S. Spiegel / M. Lester	16 hrs
13	Prepare lead splice block and thermal braids	P. Ghoshal / Tom and Dontray	16 hrs

III. Other tasks not on task list but required for task completion:

1. During the meeting, we determined what temperature sensors, pressure transducers, electro-valves, and pneumatic valves are used for the SST.
2. Pablo will verify correct EPICS PVs are assigned on PLC.
3. Tyler will verify read-out location for sensors (PLC, cRIO, or Cryo-con unit).

IV. Discussed remote log-in error for Magnet support PCs.

1. Tyler was not able to remotely log on to PCs *clas12magnetpc* or *clas12magplc-pc*.
2. Error stating the “clas12magsupport” group account is disabled and cannot be used.
3. Nick Sandoval (group account owner) contacted regarding issue.
4. Error may be due to group account password expiring.
5. Log-in error not preventing work as group account is used only for local common work area on PCs and all programs are stored externally on GitHub.