

Monday 25/4/2016

REPORT DETECTOR SUPPORT GROUP MEETING

Rossi Patrizia
Tomassini Sandro
Orecchini Dario
George Jacobs
Lemon Tyler
Pablo Campero
Amrit Yegneswaren
Marc McMullen
Brian Eng
Amanda Hoebel
Peter Bonneau

Clean Room EEL121b:

- The Clean Room relative humidity is 50% +/- 5%; It can be adjusted and lowered.
- The space seems absolutely appropriate and the room is equipped with two optical tables Thor Labs and two service tables. All these equipments are available for us. Some photos from Lemon Tyler are at this link: <https://www.dropbox.com/s/g1gvc4oqigccguy/Clean%20Room%20EEL121b.rar?dl=0>

Clean Room EEL124:

- The electric forklift cannot enter directly in the EEL124. The RICH case parts must be brought into the clean room by means of a cart or a trans pallet. At the end of the mechanical installation it is recommended to clean the room.
The RICH, positioned on the cart, will be moved out of the clean room by hand and attached to the fork lift just outside the room.

Support provided from the Detector Support Group

- The Detector Support Group provided a general assistance for what regard the activity in the Clean Rooms.
- The transfer of RICH components from storage areas to the clean rooms, the management of the equipment (scaffolding, others,) probably will be in charge of the Hall B manpower;
- the operation made with the gantry crane must be performed by Hall B manpower (under the responsibility of Bob Miller and his collaborators).
It's also possible that someone of the RICH Collaboration participate in qualification courses about the use of it.

Consequently to the considerations above, the RICH Collaboration must organize the manpower necessary to the assembly operations, taking into account the different skills (mechanics, electronics, etc.).

Air Compressed System

- At JLab an acceptance test is mandatory for pressure vessels for higher values than 15 PSI (1 Atm).
- The Air Compressed System will be positioned in Hall B. A candidate area to install the compressed air system might be the "Pie Tower lever 3", on the right side of Forward Carriage (see attached photo).
<https://www.dropbox.com/s/xo2iudo7otm4yo7/Pie%20Tower%20lever%203.rar?dl=0>