

Fermilab Update

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Panel 1.5

- Moved back to lab 5
- Hold pressure significantly better than before...
- but small leak was found near the right rib on the cover of the manifold. This is being looked into more.

CO2 leak tests

- New setup, rearranged piping so only using pure CO2 and Nitrogen.
 - Fill straw up with CO2 to 0 psi.
 - Fill straw with Nitrogen to 15 psi.
- Repeating calibration measurements with new pure CO2 setup.
- Cables too short for some machines, ordering longer USB

Straw laser cutting

- Designed in process for straw cutting platform.
- Began Humidity testing preparation for IB3-A (laser cutter room)
- Plan is to cut panel 2.0 straws at the end of next week or early the following week.

3D print aging test

- Talked with Aseet. Neutron radiation planned for LBNL.
- New 3D printing method involves curing epoxy with a UV light to make part. Not worried about epoxy falling apart on its own.
- What kind of equipment does MN have for aging studies.