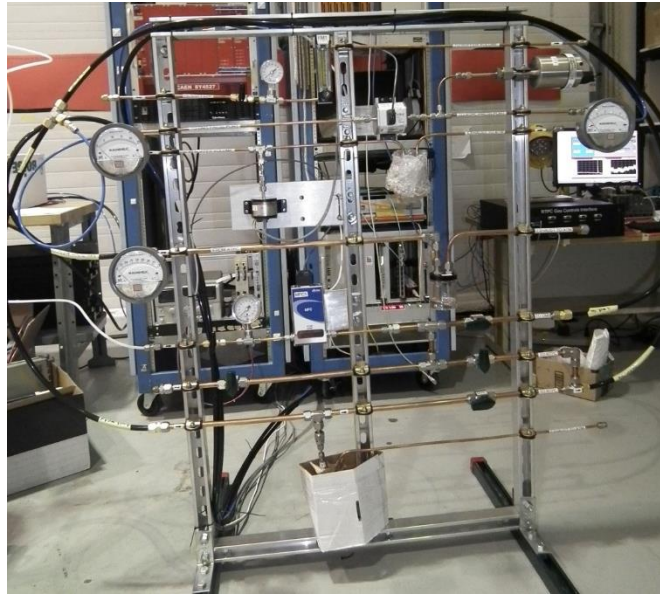


RTPC Gas System Project Status Report

June 5, 2019

DSG Staff: George Jacobs, Marc McMullen

1. Installed Magnahelic pressure gauges on valve panel.
2. Installed gas lines, dwg # B00000-01-19-PD11, substituting piping T-s for the DMS and RTPC volumes



3. Performed preliminary gas flow and leak tests on the gas panel.
 - 3.1. Discovered pressure transducer read back error indicating RTPC pressure higher than DMS pressure during flow tests.
4. Added pressure data averaging loop to gas controls.
5. Completed independent data logger for the RTPC EEL test stand.
6. Completed an automated flow range test program which will set and automatically change the flow over the full range of the MFC (232 sccm of HeCO₂).