

RTPC Gas System Project Status Report

May 22 2019

DSG Staff: George Jacobs, Marc McMullen

1. Received components for RTPC gas system pressure test

- 1.1. Received McMaster-Carr order of ASME relief valves
- 1.2. Received Dwyer order of Magnahelic gauges for flow/pressure test
- 1.3. Received Matheson order of pressure regulators
- 1.4. Received Swagelok fittings GOVSCI order# 65136, JLAB PR 384963P
- 1.5. Received Swagelok fittings GOVSCI order# 65200, JLAB PR 385045P
- 1.6. **O'Keefe Controls order of flow reducing orifices – Due 05/30**

2. RTPC valve panel leak check and pressure test.

- 2.1. Assembled leak and pressure test setup in EEL rm 125
- 2.2. Performed/completed leak test on RTPC panel in EEL rm 125
- 2.3. Performed/completed pressure test on RTPC valve panel in EEL rm 125

3. RTPC valve panel testing waiting on gas supply orifice – Due 5/30

4 RTPC Gas Controls

Interface chassis testing started. Gas GUI completed. Signal testing has started.

PT1 is displaying normal pressure 14.78 psi (~1 atmosphere). HeCO2 and N2 (used for controls testing only) gas selection

