

DSG-GEM Monthly Meeting

Date: May 24, 2021
Time: 09:30 – 10:30

Attendees: Peter Bonneau, Brian Eng, George Jacobs, Sean Jeffas, Tyler Lemon, Marc McMullen, and Jack Segal

1. BigBite installation in Hall A

Marc McMullen

1. The BigBite setup in TEDF has been disassembled and moved to Hall A, where it is being reassembled
 - Testing will resume in two to four weeks, after reassembly is completed
2. The gas flow monitoring system will be moved from the 86 subnet to the 188 subnet
 - The remote monitoring webpage and process variables will be moved to Hall A server/IOC

2. Super BigBite gas distribution in EEL

Mindy Leffel, and Marc McMullen

- Five gas flow chassis will be refitted with new bottom panels

3. Exhaust flow readout prototype

Brian Eng, George Jacobs, and Marc McMullen

1. Overpressure protection components have been procured and delivered
 - Python software to read and display pressure from the Magnahelic pressure transducers will be developed
 - Overpressure components will be delivered to Jack Segal for installation after readout software development is completed
2. Once overpressure components are installed on one standard flow channel and one high flow channel, the exhaust gas flow and multiplexer boxes will be installed and tested on the SBS in EEL

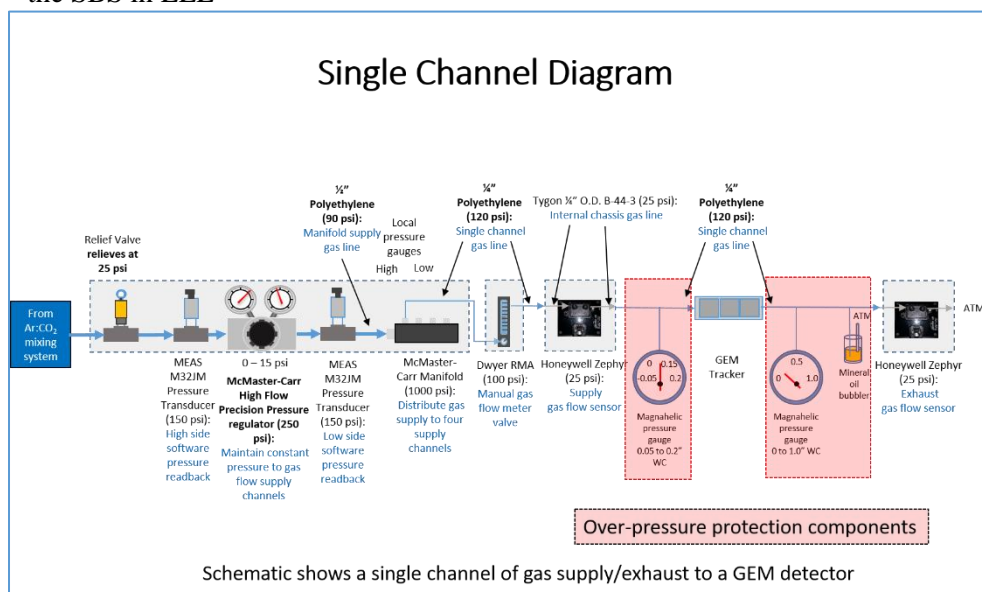


Figure 1. Single-channel diagram of the GEM gas distribution system with overpressure components highlighted in red

4. DSG-designed maintenance gas distribution chassis

George Jacobs, Marc McMullen

1. Procurement of the chassis and components will be completed by 6/4/21
 - GEM Nitrogen gas maintenance panel