

HTCC Move Pre-job Brief

Date: 12/05/2022

Time: 13:00 – 14:00

Attendees: Aaron Brown, Denny Insley, Marc McMullen, Will Phelps, Youri Sharabian,

1. Review HTCC controls cabling

Marc McMullen

1. Marc detailed the HTCC controls cables and their routing to the space frame gas system interface chassis
 - HTCC gas controls has three instruments/control elements—one mass flow controller, one differential pressure sensor, and one moisture sensor
 - All three elements are connected to power and data acquisition via a single cable, which has a labeled connector for each element/control
 - The cable has a service loop coiled at the detector gas panel (see Fig 1.)

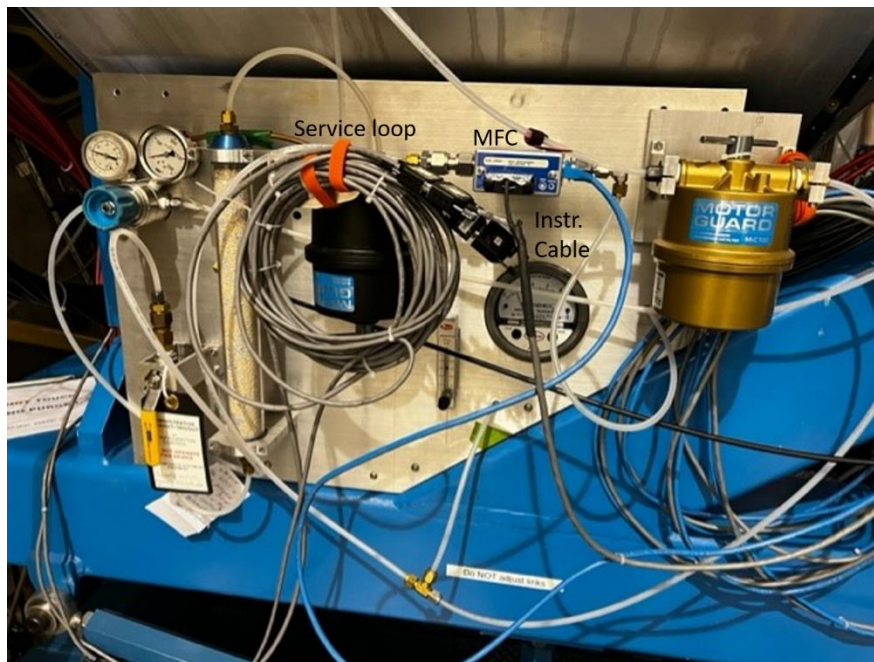


Figure 1. HTCC gas panel with instrumentation and service loop

2. Controls/monitoring during the move

Denny Insley, Marc McMullen

1. Hall B engineering prepares for the move by informing the detector owner and DSG of the move via email to dsg-hallb_htcc@jlab.org
 - The three instrumentation/controls connectors are disconnected, pulled back to the center of the racks on space frame level 1 (beam left), and lowered to ground level
 - The detector is moved to ground level the three connectors are reconnected
 - DSG will monitor the system before and after the move to ensure the system remains functional, via the Hall B gas controls