

DSG SoLID R&D Meeting Minutes

Date: April 15, 2022

Time: 11:00 – 12:00

Attendees: Mary Ann Antonoli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Mindy Leffel, and Marc McMullen

1. Cable fabrication

Pablo Campero and Mindy Leffel

1. Connected ground wires for load sensors cables

2. Instrumentation debugging

Pablo Campero

1. Calibrated electric ball valve readout
 - For the PLC valve position readout, 4 mA for valve closed, and 16.7 mA for valve open, close enough to expected operation current loop signal 4-20 mA
 - Will configure Red Lion voltmeter to display 0 or 100% to indicate valve closed or open, respectively
 - HMI screen and PLC control program tested during calibration of the valve

3. Screens development

Mary Ann Antonoli and Pablo Campero

1. Reviewed additional features requested for *CCR Expert* screen
 - Discussed options to display the operation control mode of the valves
 - Changing of the background color of indicators can be added but the problem will be that the user will have to know the meaning for each color
 - Suggested a separate screen with a table and text or led indicators