

MSD Team P17453

Meeting Notes

3/23/17

Meeting Accomplishments:

- Demonstrated working integrated system to customer and guide
  - Need to use correct back pressure regulator
  - Need to fix timing on solenoid valves to better replicate pressure curve
- Received the accelerometer from Dr. Kolodziej
- Set up SignalExpress to accept the signal from the accelerometer
  - Preliminary testing showed peak vibrations from valve actuation are approximately only 1% of peak vibrations from poppets during cycle testing
    - Note: Vibration tests should be repeated when pressure cycle is finalized
- More progress made on technical paper
- Progress on poster started
- Updated Problem Tracking