

Minutes

10/21/13

- Kyle completed some edits on the Visio diagram pertaining to the System Flow Diagram
- Pressure drop calculations computed for 20ft of piping. This yielded ~54psi losses
- Spec sheet for possible pressure transducer uploaded into SVN for discussion.
 - o Omega and EATON are the choices
 - o Are snubbers necessary to protect the pressure transducers?
 - Snubbers would make the system not detect the spikes as quickly. So it's a good idea to protect PTs, but we need to see those pikes instantly.
- FMEA started for pressure transducer
- Implications with using Lab View:
 - o Another option could be C++/Visual Basics
 - o B.Varela advises against using Lab View for licensing purposes.

ACTION ITEMS:

Mitch/Kyle: Valve systems

Brian: Piping

Jake: Controller

Anushka : Pressure Transducers

As per your assigned component, be sure to complete:

- Spec page comparing all options considered.
- FMEA of component
- Additions your component would make to the Functional Decomposition
- Engineering Requirements for your component.

Refer to the previous presentations if necessary