

Meeting Minutes 5

Date: 10/6/11

Sponsor Meeting

Start time 3:00pm

- Windrock uses mechanical device without serial ports
- Todd told us to look at ultrasonic sensors and to check how fast they can read and how fast they can transmit data they collect
- Todd clarified that he is only looking for an airflow measurement and that we will use our own sensors
- Windrock measures velocity of air flowing in and out and relates it to and plots a PV/PT curve it is this particular function we will be creating in our design.
- Must find relationship between velocity and pressure and must find the most efficient way to display our PV/PT plots so that it will be the most beneficial to the user who will be using our system to run preliminary diagnostics of the compressor. The idea is that our system will be the easy, simple, and cheap preliminary diagnostic. If our system detects a problem then they will send other equipment (Windrock is currently the system in use) for further testing.
- Todd will be emailing use further resources

End time 3:30pm