

## Minutes –Meeting BEFORE design review

12/9/13

- Kyle has completed the slider design and has run tests on it.
- Enclosure was completed by Brian. Looks great
- DAQ:
  - USB will not work
  - Will be obtaining the National Instruments DAQ units and accessories
  - The ruggedized DAQ is expensive and you need something called “Hardware Watchdog” which shuts down system in case of problems.
  - Cooper should absorb the costs of the DAQ, and so that leaves room in our budget.
  - Prototyping- My Rio can be purchased at student pricing of \$250 (usually \$1000)
- We need the encoder to mount onto stepper (Anaheim Auto)
- Do we need a double ended motor? Does Anaheim offer the motor we need with two ends?
- We need to find out about CCH’s digital gauge fitting
- Again, like Brian said last week, there’s a place in Rochester that will do piping, and he’s working on the quote.

### **ACTION ITEMS:**

Everyone dress decent tomorrow

Work on your respective pieces

BoM

Eng Reqmts

FMEA

Calcs etc

Anushka- look for encoder with step size of 200 steps per rev (as per the stepper motor)

Mitch- spec out coupling.