

# SAFETY MEETING 7DEC2011

## 1. P+ID

- could have used more time
  - to finish sketch
- equipment schedule
- a photograph of the setup would help
  - (without insulation)
- one for left-handed setup
- one for right "
- a handout of the symbols used (up to date)
- make ladders available to short people
  - (ladder safety)  
↳ 1st lecture?
- > opportunity to run the setup, or make a
  - You-tube demo.
- give students access to a sample notebook

## 2. Viscosity

### Safety Issues

- prevent traffic jams at stations
  - instruct that multiple groups can share a bath
  - have more low-temp. baths
  - in safety meeting, pep talk on time management
  - emphasis in lecture
  - safety group could give a time-management outline
- emphasize sig figs in lecture
- feed the content forward to future classes
- point students to the web

### 3. Pressure Calibration - DP Meter

- More safety w/ blue fluid and pycnometer
- Change manometer fluid - less hazardous
- Back-up manometer
- Demo manometer
  - You-Tube Demo
  - Water, etc. for fluid

### 4. Statistics

- clarity format of report
- More throughout

## General Comments

- More details on grading
  - indicate in report where points were taken off
- Don't drain steam into floor drains
  - caused too much of a mess
  - wet floor hazard
- Change look of Transport vs. Chem Eng lab websites
- New buckets for pail and scale
- More time for pumping lab
- control valve lab - be more specific on  
(or be less specific generally) requirements

- emphasize that everything should be recorded in lab notebook
- assign sample calculations

### Heat Exchange-

- More gloves, better gloves
- reduce intimidation factor
- YouTube channel of valve operation
- more accurate thermocouple
- youtube demos in lecture/emails
- mark important emails as important
- switch +2 stations so that orientation & remains the same
- better safety glasses