

CHEG 4139

Pre-laboratory Report Worksheet: CVD (Industrial Application)

Complete this sheet with your group prior to your prelab meeting and submit to HuskyCT.

Group Members:

1) What are the major learning objectives of this experiment? (Hint: Gaining experience with large scale equipment is not a major learning objective)

2) What are the equations or other pieces of theory will be important during your analysis? With respect to equations, which variables will you calculate?

3) What variables will you change over the course of your experiments (i.e. flow rates, temperature, feed location, etc.)? List specific numerical values you want to use.

4) What variables will you measure during the course of your experiment? Where on the experimental apparatus can these values be measured?

If your group will submit a video for this experiment:

5) What steps of the experiment will you capture on video?

6) What are the safety hazards to be especially aware of when filming the experiment?

