

1. Did they follow the content rubric? Follow the provided content rubric. Please be aware that not all the sections of the report have been completed yet as this is just a progress report.

This report follows the content rubric provided.

2. Follow the provided writing rubric and evaluate the writing style of the group. Please be aware that not all the sections of the report have been completed yet as this is just a progress report.

The report was written. I found no grammatical errors

3. Please comment on their design and the manufacturing procedure they propose. Is it a good one? If not, what can they do to make it better? Does the design make sense? Is it economical? Do you foresee any operational issue in their design? Always explain the reasoning of your comments

The design shows a good example of how flow rate is affected by height. It would be cool if there's a way to combine both designs together. From my understanding there are two demonstrations. One to show the relationship of flow rate and height and another demonstration showing the efficiency of water to power a light bulb. It would be very interesting if there was a way to combine both demonstrations into one to make it more simple.

Other than that, the CAD drawings were very detailed and represented what was explained very well.

4. Assuming the company is deciding whether to continue or not the contract with this group of young talented engineers, based on their performance completing the tasks, how do you think the CEO of the company would be excited about the project? Why? What concerns the CEO would have? Why? The answer to these questions should include your take on all the following: overall design, correctness of the calculation procedure, and progress report presentation.

I think a CEO will love the concept provided. The CEO may want the product simplified to make it more accessible to people of all ages and all levels of intelligence. The product is very cost friendly seeing that that parts to build the product is under \$60

5. Give the group the most important comment you think they should know. As you write the comment, be sure to describe what you see (positive or negative), explain why it is important your observation, and provide specific information to help them improve their work.

I see this product as a great tool for teaching how the bernoulli equation is used in everyday life. I would look into ways to make the product more simplified while still keeping the project cost effective. I really liked this preliminary report.

Content Rubric

POINTS

1. Title Page
2. Abstract 5.0 3. Table of Contents 2.5
4. List of Figures & List of Tables 2.5 5. Report Body
 - a. Sources 10.0 b. Design and Manufacturing 35.0
 - c. Sketches, Final drawings, and Pictures 25.0
6. Bill of materials and equipment list 10.0 7. Final remarks 5.0 8. Appendix 5.0

TOTAL POINTS 100.0