

Bi-Weekly Staff Meeting

Date:	1/29/2015
Team Number:	10
Team Leader:	Collin Heiser
Webmaster:	Mustafa Nek
Other Teammates:	Bryan Anderson, James Richardson, Nicole Alvarez
Sponsor & Advisors:	FIPSE, Juan Ordonez, Jose Vargas
1. Project Title: Alkaline Membrane Fuel Cell Educational Kit	
2. Project Objectives: Design and develop an alkaline membrane fuel cell educational kit for high school and college level laboratory demonstration, and submission of a utility model request in the US and in Brazil of the developed educational kit system.	
<p>3. What was accomplished the last two weeks on individual tasks? (Please include representative data and supporting documents.)</p> <p>In the past two weeks we have made huge progress on the design of the fuel cell. We have CAD drawings that have been done to scale and represent the finished product after machining. Also, we have obtained the metal that we will be using for the bipolar plates. We have also obtained a list of all the remaining parts needed and will be meeting with our advisors for the necessary approval.</p>	
<p>4. Summary of problems encountered and actions taken (and by whom): The main problem that we have encountered was that the overall size of the original fuel cell was too large to allow for multiple testing. We have scaled down our design as a result. Due to this scaled down design we will now need to have a new design for the apparatus that connects the two plates together.</p>	
<p>5. Work planned for the next period and the person(s) responsible: In the next period we will be machining the plates as well as finalizing the updated design for the device used to connect the plates. We will also be obtaining the remaining components needed. Collin and James will be in charge of the machining and the new design while Nicole Bryan and Mustafa will plan and purchase the remaining parts.</p>	
7. Open comments/suggestions:	

