

Team: P18414

Engineer: Chris Alpaugh

Entering Phase: Customer Handoff

What do I plan on doing to ensure that Team P18414 has a successful next phase review?

1. Work with Jeff to modifying diverted to better fit into toilet with the bucket present. (2-4 hours, 4/2-3)
2. Apply additional coats of paint to toilet is prep for imagine. (2-6 hours, first week of phase)
3. Use data from HST to modify diverter and mold in order to fit and function more smoothly. (3-6 hours, 4/3-10)
4. Work to create fiberglass diverter (4-6 hours, 4/11-16)
5. Contribute to paper, video, and poster. (As much as needed, continuous)
6. Complete remaining test protocols. (As much as needed, continuous)
7. Analyze, update, and finalize overall risk of project. (Continuous)

You will answer these three questions when you submit at the end of Phase.

1. What did I actually do?

This past phase I worked on the overall construction of our full toilet prototypes, and the editing and modifying of the original designs. I discussed final plans with the group and helped with HST. I also handled purchasing and risk.

2. What did I learn?\

The biggest thing I learned was how to more properly mix, lay, and cure the ferrocement, and most facets of the build process. The videos from Haiti helped immensely.

3. What do I plan on doing to ensure that Team P 18414 has a successful Phase review?

I plan to perform my assigned duties, finish any manufacturing based processes, and help in any way possibly leading up to the final review.