

MSD I
Meeting Minutes
Chris, Matt, John, Ryan
12/7/2011

Action Items Discussion:

Chris:

I looked at the thermosiphoning system. Apparently you need a K of less than 1.26, and a process gas temp of between 210 and 250. This is not ideal. It looks like we might be able to get the right temperatures out of the system, but the K value will have a much larger impact than the cooling temperature. We need to examine the liquid used for cooling, as well.

John:

I think part of the appeal of the novel system is the lack of need for an electricity hookup.

Matt:

The data already collected puts the temps in the high hundreds, which is close, but still low.

Chris:

I talked to Jim, and I'm waiting to email Scott until I have more information and understanding about the novel cooling system.

Jim said he's going to do high level support, not the nitty gritty, or bouncing ideas. He's not an applications engineer.

John:

Pulsafeeder was not overly helpful either- their input was to bolt it to something strong and let it vibrate.

Matt:

Called Lord- Dave Kalivota gave him some contacts for MR fluid in NC, and also plans to run some analyses for us on their end. Follow up with him on vibe data and maybe new analyses for installed situation.

Obtained a contact for MR fluid at Lord, will follow up with them.

Ryan:

Talked to Markus, they're planning on doing vibe data collection for us on Friday. They already have coolant temperatures, (in edge) but they won't have more information until they plumb in their system.

Matt:

I want to see Z data from opposite ends of the pump at the same time. The single point data is useless, because we don't know if that point is an anti-node or something.

Ryan:

Markus' group will be in the compressor room on Friday, so we can go down any time to meet up with them.

Ryan:

I also talked to Kolodziej about the novel cooling system, and he doesn't seem to know.

Code of ethics/Code of Conduct

John:

I have a code of conduct from DPM- we can review that, and make changes.