

Subject: Cooling Minutes from Thu. Feb. 21, 2002

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Hi All,

Here are the minutes from our short and sparsely attended meeting ;)

Minutes

1. Swagelocks for 1/16" capillary: Aluminum bodies are a special order and require a minimum and setup charge. We have ordered aluminum ferrules, and I think that this is all we need for the capillary tubing (stainless bodies are fine).
2. Plating (In): The washers being electroplated should be back by next week. They are plating about 10-15 microns of In on each side of a 50 micron copper foil. Since CERN is not pleased with the electroplating process, and is now investigating vapor deposition, we should keep in mind that Pat has stopped working on this, but that we could return to it in the future, depending on the results from the washers we get back next week.
3. Welding: The material for the weld extension pieces should be shipped overnight next tuesday. It turns out that the wall is .035" instead of .040", which means we'll have to swage it down a little more in order to get the proper ID for the tests. This hopefully shouldn't be a problem, but Fred will experiment with squeezing the tube down in size a little once we have the material here (end of next week). We need to get these in the shop soon, so this should be a priority if at all possible.
EB is also fairly busy right now, so they haven't started welding our last set of samples yet. They should be doing this next tuesday, and don't anticipate it will take long to complete.
Jon Wirth thinks that the carriers and tubes for the pre-production run (or the first part of it) will not be ready by March 8th, which was my original date to leave for EB. We have pushed it back a week, but this may conflict with Jim Fox's schedule, so it may end up being close to the 22nd of March. This is a little later than we had hoped, but I don't see anyway around it. On the plus side, Jim may be out here for a conference during one of these weeks, which means he could perhaps come visit the lab (if that has any use).
4. Testing: Whenever our new Luer lock samples come in, we should be ready to begin the testing regimen. The only catch is that the 77A vac guy is out injured from a motorcycle accident, and the other guy (contract) is only in about once a week. Tom Weber has run the system himself, but we need to check to make sure that the lack of other personnel will not slow us down or provide conflicts. We can begin testing the very first Luer lock samples whenever the capillary samples come back (they're already at EB) since we have swage locks that can connect to those bare tubes, and we can cap off the luer end.

See you all next week!

Neal