

CRYOCOOLER SERVICE REPORT

Date of work: 9-8 through 9-10-2004

Beamline: 4

Requestor: D. Carbaugh

Vessel serial no: AMG00200/58 **Pump serial no:** 21097

Oxford series: B

Pump operating hours: Counter not operating

Technician(s): D. Burke

Summary of work:

1. Pump bearing replace; impeller gap to 0.020"; bearing run-in per manual.
2. Replaced burst disk.
3. Helium leak check high pressure loop: no leaks found.
4. Evacuate vessel jacket and three bayonets.
5. Replaced auto restart timers and performed function check: OK.
6. Replaced Hoffer flow meter and display. Old meter s/n95206, new meter s/n102027.
7. Added AMP 4-pin circular bulkhead connector to back of signal box located between SKT-4 and PLG1. Totalizer wired using 2-conductor cable to bulkhead connector, pins (#1 red and #4 black).

[pdf/Request13IDMay2004.pdf](#)

[Link to copy of logbook notes](#)

[Link to LN2 pump manual](#)