

CRYOCOOLER SERVICE REPORT

Date of work: 5-17-04 through 5-25-04

Beamline: 10

Requestor: S. Chattopadhyay

Vessel serial no: AMG0110/52MR

Pump serial no: 9-J-95

Oxford series: B

Pump operating hours: Not noted

Technician(s): D. Burke

Summary of work:

1. Evacuate system (both low pressure vessel and LN2 circulating loop).
2. Install Polyflo GN2 line for circulating loop pressure control (150psig max regulator) on dewar. Dewar on Exp. Floor; cooler in hutch. Connection made to heater stick connection. Heater stick not installed/used.
3. Dewar pressure rating 14bar (203psig). Existing RV set point at 230 psig, replaced with 60 psig RV. No isolation valve on new RV. A second RV with isolation valve set at 22 psig removed.
4. System started on bypass on 5-24-04.
5. System started on mono 5-25-04.

[Link to copy of logbook notes](#)

[Link to LN2 pump manual](#)