



Jefferson Lab Alignment Group

Data Transmittal

TO: J. Brock

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Checked:

: C1244

DETAILS:

Below are the results from the Qweak pump housing flange inspection. A right handed coordinate system was established using the center of the 10.5" flange and rotation about the Z axis was fixed on the 4.5" left side flange. A +Z is downstream, a +X is to the left, and a +Y is up. A + pitch is clockwise looking from the right, and a + yaw is counter clockwise looking from above. Values are in millimeters and degrees.

LOCATION	Z	X	Y	PITCH	YAW
CL 10.5" FLANGE	0.0	0.0	0.0	0.00	0.00
CL INSIDE 10.5" FLANGE		0.0	0.0		
CL 8.0" FLANGE	186.4	-0.1	0.2	-0.08	0.03
CL INSIDE 8.0" FLANGE		-0.1	0.2		
CL 4.5" FLANGE	91.2	228.9	102.0		-1.89
CL 4.0" INSIDE CYLINDER		0.0	0.0	-0.17	-0.08