



Jefferson Lab Alignment Group

Data Transmittal

TO: C. Garcia, J. Grames

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FROM: Tom Singleton

Checked:

: L1916

DETAILS:

M/align/DATA/inspection/INJ/190321A

Below are the results of the inspection survey carried on the new CEBAF insulator-flange assembly on March 19, 2019. The coordinate system is as follows, the origin being the center of the 10" flange at the bolt holed outer surface, +Z along the leak check groove, +Y going up in the direction to the top 1" cylindrical surface with the key notch and +X in the direction of the unique unthreaded pinhole on the labeled side of the 10" flange. The values are given in inches and degrees.

10" Flange to Top of Key	ideal in.	measured in.	delta in.
	Y= 6.342	Y= 6.341	Y= -0.001
	X= 0.000	X= 0.004	X= 0.004
	Z=0.000	Z= -0.020	Z= -0.020
Projected angles 10" flange	Rx	Rz	
to top of Key	0.0134	-0.0339	