



Jefferson Lab Alignment Group

Data Transmittal

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DETAILS:

Data: inspection\inj\070420A

The cryogenic relief valve stack assembly was located near the confluence of the West Arc and the North Linac. The data in the table below is relative to the CEBA machine center. Points P_3 and P_4 are on the north linac centerline. Points 1 and 2 are on the angled dump line. Points 5 and 6 are the main transfer line. Points 11 and 12 are the secondary line behind the main cryo line. Points 7V through 10V are circles on the vertical relief valve. The points are labeled in the schematic diagram below.

Center Point	Z (m)	X (m)	Y (m)	Diameter
P 1	-209.0082	80.3932	100.0008	
P 2	-206.5355	79.4925	99.9993	
P 3	-209.3460	80.6017	100.0005	
P 4	-205.0712	80.6006	99.9972	
P 5	-205.5628	81.3637	99.5415	0.326
P 6	-214.1317	81.3492	99.5446	0.325
P 11	-214.1228	81.7330	99.6046	0.848
P 12	-205.4494	81.7469	99.5913	0.799
P 7V	-207.1541	81.3676	99.8236	0.325
P 8V	-207.1535	81.3723	100.2074	0.325
P 9V	-207.1534	81.3775	100.4394	0.192
P 10V	-207.1525	81.3780	100.5939	0.192

