



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

A890

DETAILS:

Below are the results of the survey performed on the Hall A target collimators for the August 2003 run. The deltas shown represent the offset from the ideal target center in millimeters. A negative X is to the beam right, and a positive Z is downstream. The coordinates are based on the pre-determined location relative to the tooling balls, which were used for positioning into the beam line. The blocks should always be slid into position till they hit the alignment pins, and then rotated clockwise slightly. This will reduce the repeatability error resulting from undersized pin diameters.

TARGET COLLIMATOR BLOCKS	Del Z	Del X
BRS9U upstream beam left corner.	22.29	-13.16
BRS9U downstream beam left corner.	51.82	-18.90
BRS9D upstream beam right corner.	300.98	-31.30
BRS9D downstream beam right corner.	330.84	-35.33