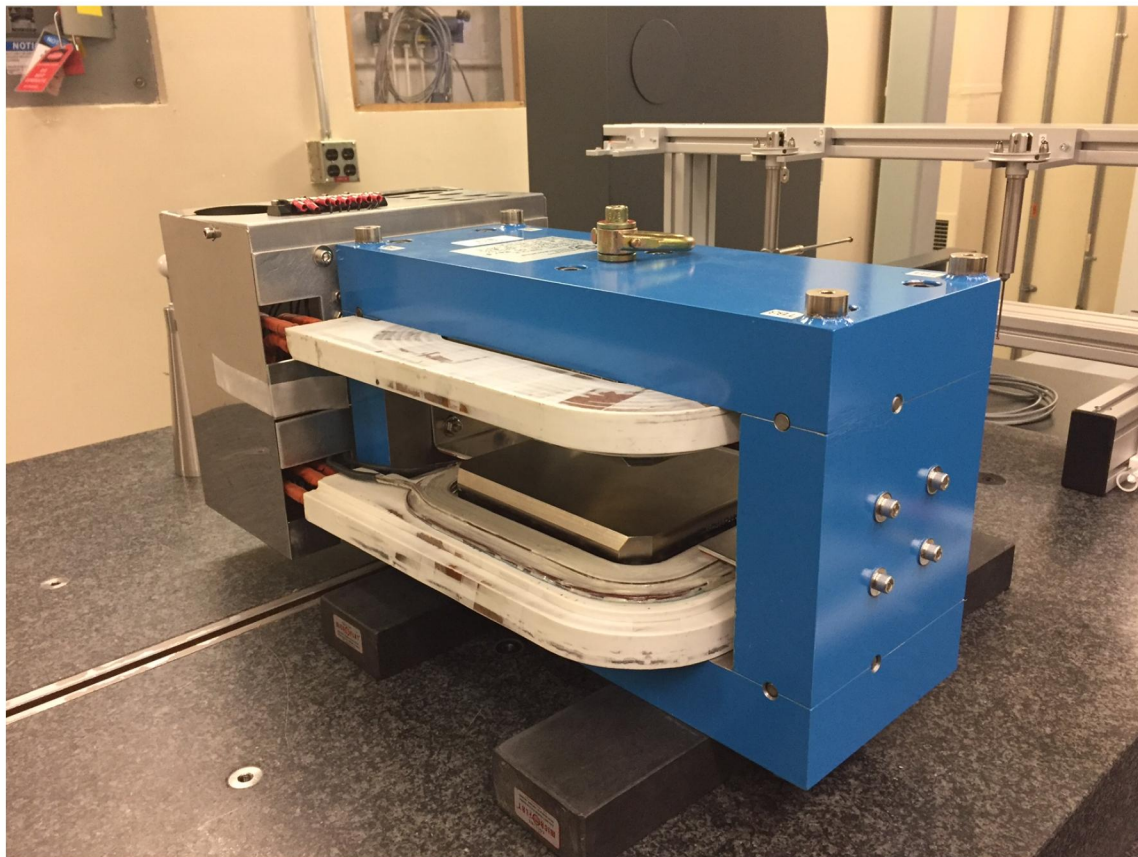


FACET II Magnet Fiducialization Report

1.69D6.28T Dipole



Inspector : K. Caban
Engineer : M. Johansson
Drawing No. : SA-388-320-05 R1
Barcode # : 1_69D6_28T-178701-005
Mfg. S/N : 005

Coordinate System Setup

Spatial Alignment

Symmetry Plane between 2 Pole surfaces

Planar Alignment

Symmetry Plane between the side planes of (2X) Poles

Coordinate Origins

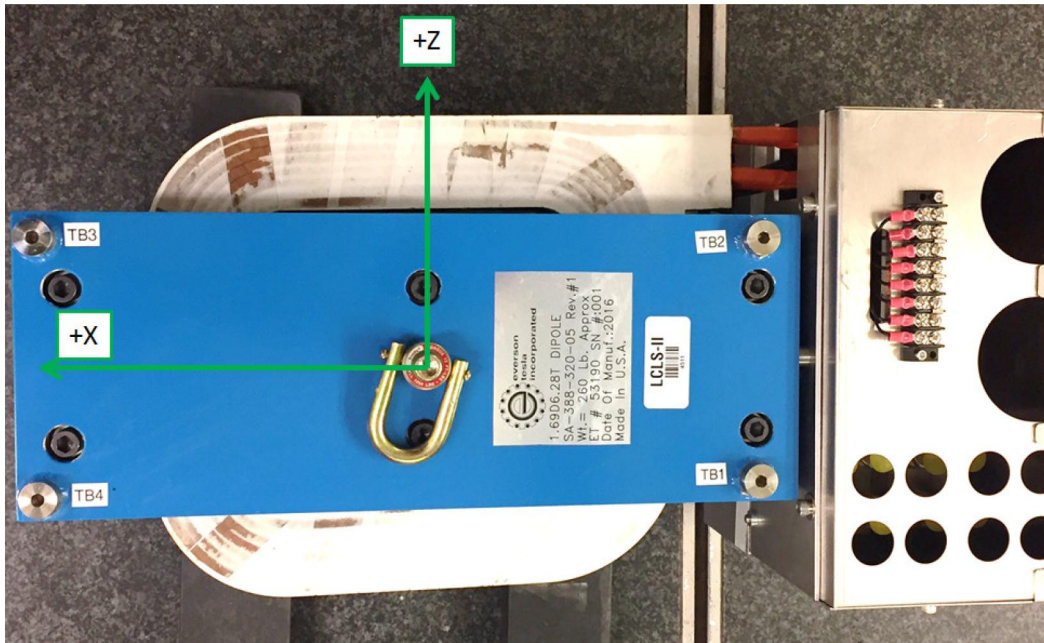
X Origin - Symmetry Plane between poles

Y Origin - Symmetry Plane between the side planes of (2X) Poles

Z Origin - Symmetry plane between Up Stream and Down Stream end surfaces

Barcode # : 1_69D6_28T-178701-005
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Tooling Ball Locations



Tooling Ball	X Coord.	Y Coord.	Z Coord.
TB 1	-7.27925	6.22326	-2.72069
TB 2	-7.23622	6.22192	2.81164
TB 3	7.88922	6.22476	2.72049
TB 4	7.83739	6.22370	-2.81204
TB A	-7.27832	5.53651	-2.72491
TB B	-7.23429	5.53443	2.81336
TB C	7.88984	5.53711	2.72422
TB D	7.84196	5.53604	-2.81009

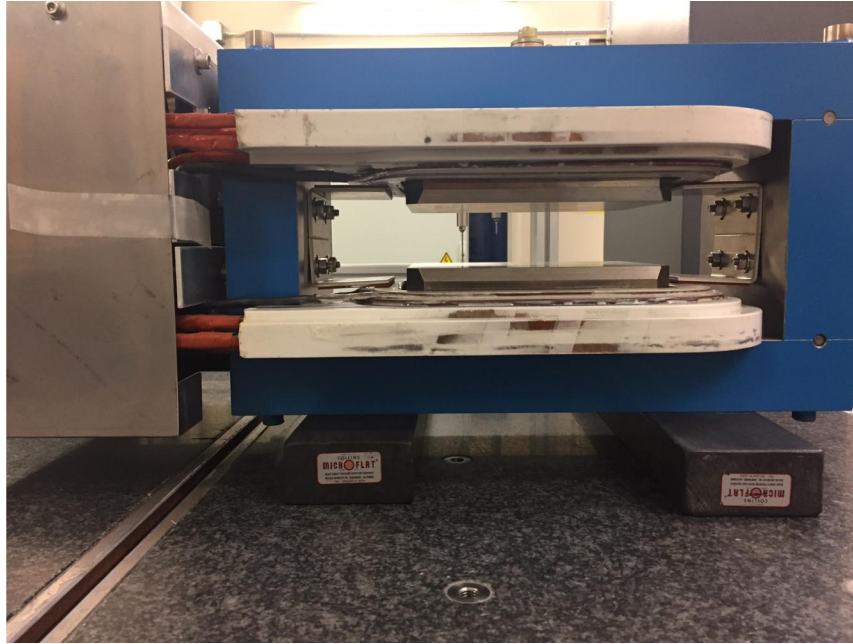
Tooling Ball Locations (1-4) are 1 inch above top surface TB socket
 Tooling Ball Locations (A-D) are 5/16 inch above top surface TB socket

Dimensions in Inch

Barcode # : 1_69D6_28T-178701-005

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Pole Gap Measurements



	Nominal Gap	Average Gap	Minimum Gap	Pole Parallelism
Pole Gap	1.693 ± 0.002	1.69405	1.69405	0.00125

Dimensions in Inch

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