Traveler Title:	Specification No:	Revision:	DR No:
Booster Multipole Magnet Manifold Installation	5520-TR-333853	A	4516

Step No:	Drawing No:	Routing Form No:	Serial No:	Rework ID:
4.2	5520-ME-445004		BMA037	0

Discrepancy Description:

During one of the experiments (polarity testing) intended to understand anomolous normal element measurements concerning magnets BMA031 and BMA047 it was discovered that the normal quad polarity is reversed.

Originator:	Date:
Dennis Gaw	5/20/2008 2:17:25 PM

Cause of Nonconformance:

The cause of not catching this earlier will be investigated and results will be added to this DR.

Responsible Authority:	Date:
Jamie Blowers	5/21/2008 2:17:25 PM

Disposition:

Switch the labels on the leads for the normal quad element, and identify the device in a similar fashion to BMA022 (i.e. put a note in the "silver sticker" the the NQ polarity is reserved and the stickers on the lead block have been reversed and so show the correct polarity, put a sticker or tag on the magnet which states that the NQ polarity is reserved and the stickers on the lead block have been reversed and so show the correct polarity, and afix this DR to the magnet).
Disposition verify notes: The labels have been attached to show the correct power supply connection for the normal quad, the silver data label has had a note added to the remarks block indicating the normal quad power supply side lead block discrepancy, a red hold tag and a copy of the DR are attached to the magnet.

Responsible Authority: Jamie Blowers

Date: 5/21/2008 3:46:37 PM

Corrective Action to Prevent Recurrence:

TBD after investigating the cause.
Disposition verify notes: TBD

Responsible Authority: Jamie Blowers

Date: 5/21/2008 3:46:37 PM

Corrective Action/Disposition Verified By: Dennis Gaw

Date: 6/11/2008 9:50:38 AM

Will Configuration be affected?: ☐ YES ☑ NO

Identified problem area:

☐ Material ☐ Manpower ☑ Method ☐ Machine ☐ Measurement

Reviewed By: Bob Jensen

Date: 6/12/2008 8:23:09 AM