

Status	9 - Closed NCR		Trend	01-Deviation From Doc/Proc	
Department	NCSX		Division	NCSX Project	
Source/Org	FABRICATION, OPERATIONS & MAINTENANCE				
Item Dwg/Part#	SE141-103	Procurement #	D-NCSX-MCF-001 R.2	Cost Center	
RAP#	3207	Job Doc #	D-NCSX-MCF-001	Vendor	
RAP Title	Modular Coil Fabrication - Winding Form Preparation Activities				
<input type="checkbox"/> HoldTag Applied					

Nonconforming Condition (include requirement(s) violated):

MCWF #1 - The polodial break nut bearing plates on the C1 modular coil winding form has a magnetic permeability that is over the maximum of 1.02 as stated in NCSX-ASPEC-GRD-03 paragraph 3.3.1.1. There are six bearing plates on the winding form. All six plates have permeability readings greater than 1.02 but less than 1.05. Severn gauge #5111 was used and has the following inserts for readings: 1.01, 1.02, 1.05, 1.2, 1.8, 2.0, 2.2, 3.0 and 3.5. All six plates are installed on the winding form.

REV1: Further investigation reveals five (5) of the six (6) bearing plates exhibit a magnetic permeability of >1.02 <1.03. One (1) of the six (6) bearing plates exhibits a magnetic permeability of >1.04 <1.05. (C. F. Phelps 4/7/06)

Lot Size Recd	6	Sample Size Insp	6	<input checked="" type="checkbox"/> Lot Rejected	# Rejected	6
Reported By	Phelps C	Validated By	Boscoe J	Validated Date	01/09/06	

Disposition: Rework*__ Repair*__ Use As Is*__ Return To Vendor*__ Scrap*__ **Use As Is**

The bearing plates will be replaced during the time that the new hardware for the poloidal break is changed out.

REV 1: The disposition above conflicts with the disposition stated on Major Tool's nonconformances 19233 and 19234 which state "USE AS IS". (C. F. Phelps 4/7/06)

Based upon an analysis by Art Brooks, the permeability of the bearing plates on C1 are acceptable and can be "used as is"

For rework or repair of vendor supplied equipments, fill in information below:				Distribution	
#Hours	_____	\$Est Labor	_____	\$G&A	_____
\$Material	_____	\$Burden	_____	\$Total	_____
Disposition By	Chrzanowski J	Date	04/19/06	Cog J. Chrzanowski Insp Phelps/Boscoe Proj. Doc Control (when closed) QC Files Malsbury J Boscoe J Heitzenroeder P Williams M Tyrrell M Reiersen W	
Supervisor's Concur	Dudek L	Date	04/19/06		
Eng. Dept. Head Concur	Williams M	Date	04/19/06		
WCO/Other	N/A	Date	_____		
PQA/QC Mgr Dispos Concur	Boscoe j	Date	04/19/06		
QC Field Verification By	N/A	Date	_____		