

Status	5 - Corrective Action Needed		Trend	01-Deviation From Doc/Proc	
Department	NCSX		Division	WBS 141	
Source/Org	VENDOR				
Item Dwg/Part#	D-NCSX-MCF-001 Rev. 03	Procurement #	S005242-F	Cost Center	9450 1*** 1404
RAP#	3209	Job Doc #	S005242-F	Vendor	Energy Industries of Ohio
RAP Title NCSX - Modular Coil Winding Forms					
<input type="checkbox"/> HoldTag Applied					

**Nonconforming Condition (include requirement(s) violated):**


MCWF-A3, During the magnetic permeability verification of the NCSX A3 modular coil winding form a total of ten (10) areas were found to exhibit a permeability above the maximum allowed. NCSX-CSPEC-141-03-11 paragraph 3.1.1.5.1 states "the local relative magnetic permeability of any point in the winding form (including base metal and weld repairs) shall not exceed 1.02." All of these areas found are on the as cast surface and appear to fit into one of three characterizations below.

1. Oxidized, rusted appearance in the form of a scrape or a ding, see areas 1, 2.

2. Dark areas that have the appearance of lead or dark substance smeared on the surface, see areas 3, 7, 9.

3. Pock mark impressions in the as cast surface with no distinct color variation, see areas 6, 10.

Representative pictures are attached.



Lot Size Recd	0	Sample Size Insp	0	<input type="checkbox"/> Lot Rejected	# Rejected	0
Reported By	Phelps	Validated By	Boscoe J	Validated Date	08/07/06	

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

The indicated areas will be ground to remove the high permeability contamination and re-tested. Jim Chrzanowski will coordinate this work. (10 hours)

For rework or repair of vendor supplied equipments, fill in information below:				<b>Distribution</b>		
#Hours	\$Est Labor	\$G&A		Cog	Heitzenroeder P	
\$Material	\$Burden	\$Total		Insp	Various	
				Proj. Doc Control (when closed)		
				QC Files		
				Malsbury J		
				Boscoe J		
				Chrzanowski J		
				Reiersen W		
				Nelson B		
				Williams M		
				Sutton L		
				Lumberger J		
				Tyrrell M		
				Malinowski F		
Disposition By				Chrzanowski J	Date	10/17/06
Supervisor's Concur				Nelson BE	Date	10/23/06
Eng. Dept. Head Concur				Williams M	Date	10/24/06
WCO/Other				N/A	Date	
PQA/QC Mgr Dispos Concur				Malinowski F	Date	10/24/06
QC Field Verification By					Date	