

<b>Status</b>	5 - Corrective Action Needed	<b>Trend</b>	01-Deviation From Doc/Proc
<b>Department</b>	NCSX	<b>Division</b>	WBS 114
<b>Source/Org</b>	VENDOR		
<b>Item Dwg/Part#</b>	D-NCSX-MCF-001 Rev. 03	<b>Procurement #</b>	S005242-F
<b>RAP#</b>	3209	<b>Job Doc #</b>	S005242-F
<b>Vendor</b>	Energy Industries of Ohio		
<b>RAP Title</b>	NCSX - Modular Coil Winding Forms		
<b>Cost Center</b>	9450 1*** 1404		

HoldTag Applied

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

MCWF-B4, During the magnetic permeability verification of the NCSX B4 modular coil winding form a total of seventeen (17) areas were found to exhibit a magnetic 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 Mu."

Four tooling ball inserts were left in the casting from the vendor, these inserts are above the maximum magnetic permeability allowed of 1.02 Mu.

Representative pictures are attached.

<b>Lot Size Recd</b>	0	<b>Sample Size Insp</b>	0	<input type="checkbox"/> Lot Rejected	<b># Rejected</b>	0
<b>Reported By</b>	Phelps C	<b>Validated By</b>	Malinowski F	<b>Validated Date</b>	01/29/07	

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

- 1) The indicated areas will be ground to remove the high permeability contamination and re-tested. Jim Chrzanowski will coordinate this work.
- 2) Remove the four tooling ball inserts.

**For rework or repair of vendor supplied equipments, fill in information below:**

<b>#Hours</b>	_____	<b>\$Est Labor</b>	_____	<b>\$G&amp;A</b>	_____
<b>\$Material</b>	_____	<b>\$Burden</b>	_____	<b>\$Total</b>	_____
<b>Disposition By</b>	Chrzanowski J	<b>Date</b>	01/31/07		
<b>Supervisor's Concur</b>	Dudek L	<b>Date</b>	04/09/07		
<b>Eng. Dept. Head Concur</b>	Williams M	<b>Date</b>	04/09/07		
<b>WCO/Other</b>	Nelson B (RI M)	<b>Date</b>	04/12/07		
<b>PQA/QC Mgr Dispos Concur</b>	Malinowski F	<b>Date</b>	04/09/07		
<b>QC Field Verification By</b>	_____	<b>Date</b>	_____		

- Distribution**
- Cog** Heitzenroeder P
  - Insp** Phelps C
  - Proj. Doc Control (when closed)
  - QC Files
  - Malsbury J
  - Boscoe J
  - Chrzanowski J
  - Sutton L
  - Malinowski F
  - Lumberger J
  - Reiersen W
  - Nelson B
  - Williams M
  - Tyrrell M