

Status 5 - Corrective Action Needed **Trend** 01-Deviation From Doc/Proc
Department NCSX **Division** WBS 141
Source/Org VENDOR
Item Dwg/Part# _____ **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

HoldTag Applied

Nonconforming Condition (include requirement(s) violated):

MCWF-B5, During the magnetic permeability verification of the NCSX B5 modular coil winding form a total of fourteen (14) 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 inserted in the casting from the vendor, these inserts are above the maximum magnetic permeability allowed of 1.02 Mu.

Representative pictures are attached.

Lot Size Recd 0 **Sample Size Insp** 0 Lot Rejected **# Rejected** 0
Reported By Phelps C **Validated By** Malinowski F **Validated Date** 03/06/07

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.

The tooling ball inserts are to remain until the final casting to casting positioning has been completed. Mike Viola will determine when they can be removed.

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

#Hours _____ **\$Est Labor** _____ **\$G&A** _____
\$Material _____ **\$Burden** _____ **\$Total** _____

Disposition By Chrzanowski J **Date** 03/20/07
Supervisor's Concur Dudek L **Date** 03/30/07
Eng. Dept. Head Concur Williams M **Date** 03/30/07
WCO/Other Nelson B (RI M) **Date** 03/30/07

PQA/QC Mgr Dispos Concur Malinowski F **Date** 04/02/07
QC Field Verification By _____ **Date** _____

Distribution

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













