

Status 2-Disposition Needed 9-Closed **Trend** 07-Out Of Tolerance
Department NCSX **Division** 125
Source/Org Fabrication, Operations & Maintenance
Item Dwg/Part# SE310-035 **Procurement #** _____ **Cost Center** _____
RAP# 3268 **Job Doc #** D-NCSX-FPA-001 **Vendor** _____
RAP Title Field Period Assembly Station One

HoldTag Applied

Nonconforming Condition (include requirement(s) violated):

VVSA-1, 2, 3: Five (5) of the NCSX vacuum vessel diagnostic loop cryostat feedthrough Conflat flanges and three (3) associated feedthrough discs exhibit a magnetic permeability greater than is allowed by NCSX-ASPEC-GRD-05 paragraph 3.3.1.1 (<1.05 Mu). See attachment 1 for details and pictures. These parts have been annealed in the vacuum brazing furnace and the readings reported are post annealing.

Lot Size Recd 8 **Sample Size Insp** 8 **Lot Rejected** **# Rejected** 8
Reported By Phelps C **Validated By** Boscoe J **Validated Date** 10/29/07

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

Please use p. 2 for disposition and approvals .

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

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

Disposition By _____	Date _____
Supervisor's Concur _____	Date _____
Eng. Dept. Head Concur _____	Date _____
WCO/Other _____	Date _____

PQA/QC Mgr Dispos Concur _____	Date _____
QC Field Verification By _____	Date _____

Distribution

Cog M. Viola

Insp Boscoe/Phelps

Proj. Doc Control (when closed)

QC Files

Malsbury J

Boscoe J

J. Edwards

L. Dudek

Labik G

Simmons B

Williams M

Tyrrell M

Brooks A

Disposition: Rework___ Repair ___ Use As Is___ Return to Vendor___ Scrap___

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

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

Disposition by _____

~~Supervisor's Concurrence~~ _____

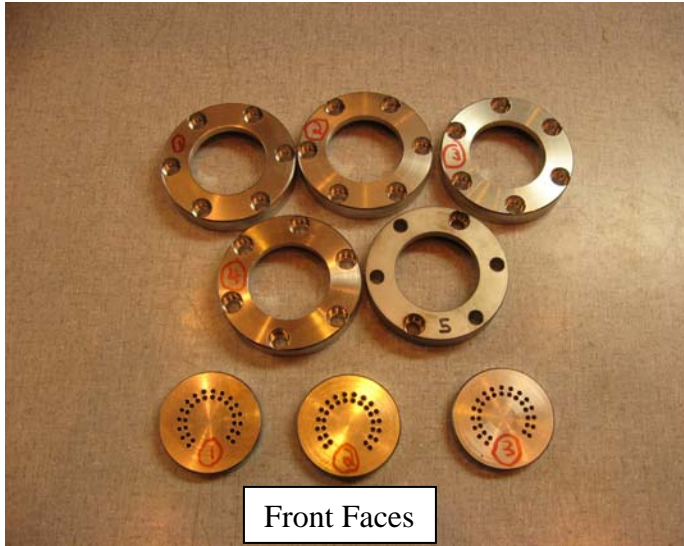
Eng. Dept. Head Concurrence _____

Other (i.e., WCO/FPE) Concurrence _____

PQA/QC Mgr Disposition Concurrence _____

QA Field Verification by _____

NCR 3733 – Attachment 1 – 10/26/07



Conflat Flanges – 2.73” OD x 0.50” thick

Sample 1 Front & Back Faces = >1.1, <1.2 Mu
Sample 2 Front & Back Faces = >1.1, <1.2 Mu
Sample 3 Front & Back Faces = >1.1, <1.2 Mu

Sample 4 Front & Back Faces = >1.1, <1.2 Mu
Sample 5 Front & Back Faces = >1.06, <1.08 Mu
 Iso. spots of >1.09, <1.1 Mu

Outer Edge = >1.1, <1.2 Mu
Outer Edge = >1.09, <1.1 Mu
Outer Edge = >1.08, <1.09 Mu
 Iso. spots of >1.09, <1.1 Mu
Outer Edge = Iso. spots of >1.06, <1.08 Mu
Outer Edge = >1.06, <1.08 Mu

Feedthrough Discs – 1.90” OD x 0.25” thick

Sample 1 Front Face & Outer Edge = <1.05 Mu
Sample 2 Front Face & Outer Edge = <1.05 Mu
Sample 3 Front Face & Outer Edge = <1.05 Mu

Back Face = >1.06, <1.08 Mu
Back Face = >1.06, <1.08 Mu
Back Face = >1.06, <1.08 Mu
 Iso. Spots of >1.08, <1.09 Mu