

**Status** 2-Disposition Needed 9-Closed **Trend** 07-Out Of Tolerance  
**Department** NCSX **Division** WBS 125  
**Source/Org** FABRICATION, OPERATIONS & MAINTENANCE  
**Item Dwg/Part#** VVSA T/C Feedthroughs **Procurement #** \_\_\_\_\_ **Cost Center** \_\_\_\_\_  
**RAP#** 3250 **Job Doc #** D-NCSX-FPA-QA1-00 **Vendor** \_\_\_\_\_  
**RAP Title** Field Period Assembly Component Receipt Inspection

HoldTag Applied

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

VVSA-1, 2, & 3 - The NCSX vacuum vessel cryostat thermocouple feedthroughs (Insulator Seal Inc. Pt# 9332024) were found to have a magnetic permeability greater than is allowed by NCSX-ASPEC-GRD-05 paragraph 3.3.1.1 b (<1.05 Mu), see attachment 1 for details.

**Lot Size Recd** 20 **Sample Size Insp** 4  Lot Rejected **# Rejected** 20  
**Reported By** Phelps C **Validated By** Boscoe J **Validated Date** 10/23/07

~~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:~~

<del>#Hours</del> _____	<del>\$Est Labor</del> _____	<del>\$G&amp;A</del> _____	
<del>\$Material</del> _____	<del>\$Burden</del> _____	<del>\$Total</del> _____	
<del>Disposition By</del> _____		<del>Date</del> _____	
<del>Supervisor's Concur</del> _____		<del>Date</del> _____	
<del>Eng. Dept. Head Concur</del> _____		<del>Date</del> _____	
<del>WCO/Other</del> _____		<del>Date</del> _____	
<del>PQA/QC Mgr Dispos Concur</del> _____		<del>Date</del> _____	
<del>QC Field Verification By</del> _____		<del>Date</del> _____	

**Distribution**

**Cog** M. Viola

**Insp** Phelps/Boscoe

Proj. Doc Control (when closed)

QC Files

Malsbury J

Boscoe J

Edwards J

Dudek L

Malinowski F

Labik G

Brooks A

Williams M

Tyrrell M

Simmons B

Disposition: Rework\_\_\_ Repair \_\_\_ Use As Is\_\_\_ Return to Vendor\_\_\_ Scrap\_\_\_

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

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

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Disposition by \_\_\_\_\_

~~Supervisor's Concurrence~~ \_\_\_\_\_

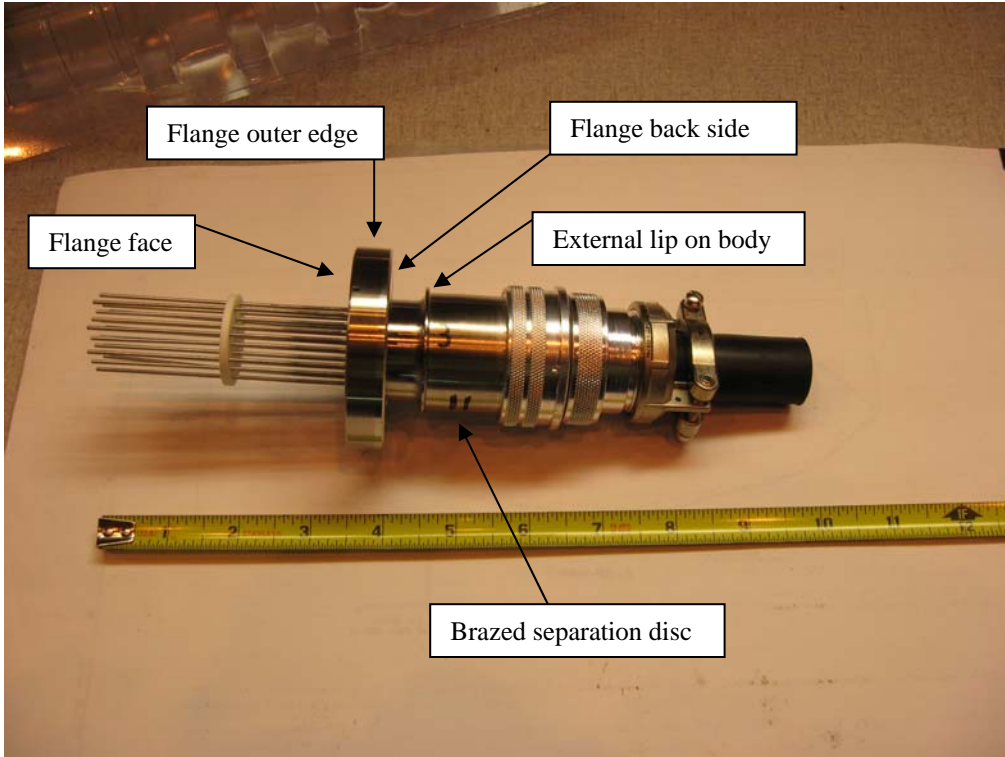
Eng. Dept. Head Concurrence \_\_\_\_\_

Other (i.e., WCO/FPE) Concurrence \_\_\_\_\_

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PQA/QC Mgr Disposition Concurrence \_\_\_\_\_

QA Field Verification by \_\_\_\_\_



Sample #1

Conflat flange is size 2.73" OD x 0.5" thick

Conflat flange knife edge = >1.3, <1.4 Mu, w/ isolated spots of >1.4, <1.5 Mu

Conflat flange face and back side = >1.2, <1.3 Mu

Conflat flange outer edge = >1.1, <1.2 Mu

External lip on body (~1.7" dia. X ~1/8" thick) = >1.06, <1.08 Mu

Brazed separation disc (~1.6" dia. x ~1/4" wide) = >5.0 Mu

Sample #2

Brazed separation disc (~1.6" dia. x ~1/4" wide) = >5.0 Mu

Sample #3 (shown above)

External lip on body (~1.7" dia. X ~1/8" thick) = >1.06, <1.08 Mu

Brazed separation disc (~1.6" dia. x ~1/4" wide) = >5.0 Mu

Sample #4

External lip on body (~1.7" dia. X ~1/8" thick) = >1.06, <1.08 Mu

Brazed separation disc (~1.6" dia. x ~1/4" wide) = >5.0 Mu