

Status	2 - Disposition Needed	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	<input checked="" type="checkbox"/> 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:~~

#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** 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~~ \_\_\_\_\_

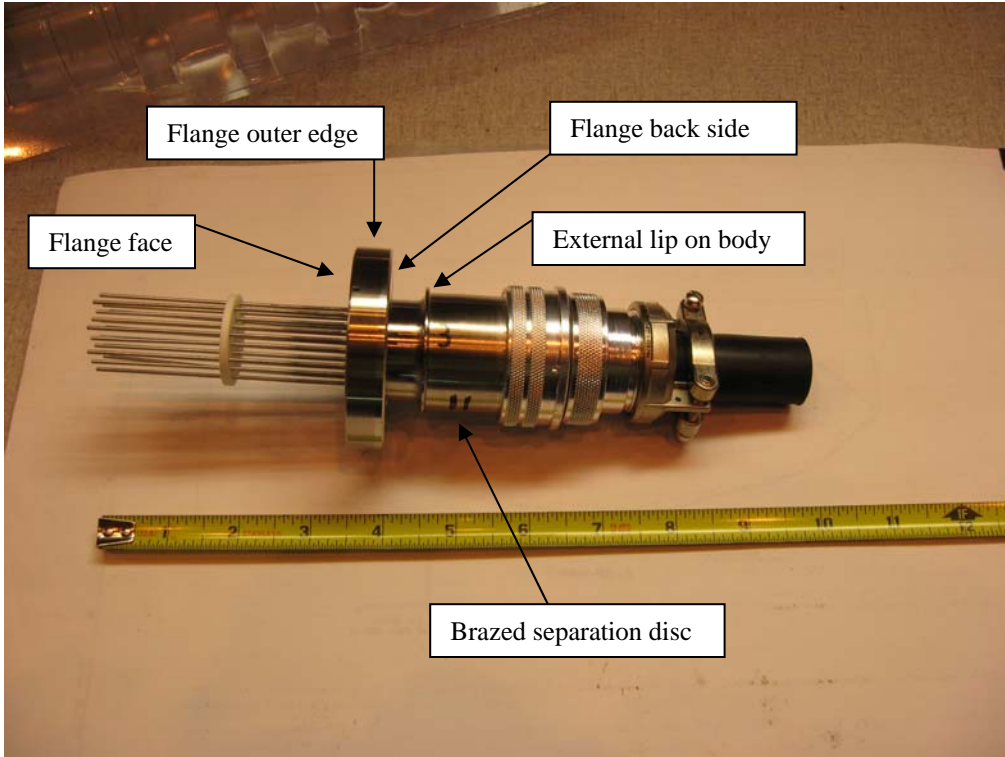
Eng. Dept. Head Concurrence \_\_\_\_\_

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