



INSPECTION DATA CHECKLIST

PPPL NCSX PVVS INSPECTION PLAN

Workorder: 64880/1-0 Sub:1 Op:10

Revision:


Part: - - SE121 PROTOTYPE VACUUM VESSEL SEGMENT

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		Verify Panel Joint Alignment (.02" Max)	VISUAL INSPECTION	MFG CWI						
*		Verify Panel / Rest Stop Position (0 - .09" Gap)	FEELER GAGE	MFG CWI						

Workorder: 64880/1-0 Sub:1 Op:20

Revision: 11/14/03 14:59


Part: - - SE121 PROTOTYPE VACUUM VESSEL SEGMENT

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		 .188" Upper Half Of Bilateral Tolerance (tack welded vessel)	SMX	QA						
*		Magnetic Permeability 1.01 Max.	PERMEABILITY GAG	QA						

Workorder: 64880/1-0 Sub:1 Op:40

Revision: 11/14/03 14:59

Part: - - SE121 PROTOTYPE VACUUM VESSEL SEGMENT

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		 .375" vessel profile after root welds are complete	SMX	QA						
*		Magnetic Permeability (1.01 Max)	PERMEABILITY GAG	QA						

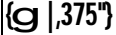
Workorder: 64880/1-0 Sub:1 Op:80

Revision: 11/14/03 15:00

Part: - - SE121 PROTOTYPE VACUUM VESSEL SEGMENT

NOTE: the recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal statutes including federal law, title 18, chapter 47.

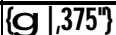
PPPL NCSX PVVS INSPECTION PLAN

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		 ,375" Welded vessel profile	SMX	QA						
*		Magnetic Permeability (1.01 Max)	PERMEABILITY GAG	QA						

Workorder: 64880/1-0 Sub:1 Op:100

Revision: 11/14/03 15:00

Part: - - SE121 PROTOTYPE VACUUM VESSEL SEGMENT

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		 ,375" Profile at / near Port Extension	SMX	QA						
*		Magnetic Permeability (1.01 Max) (Port Stub / Port Extension)	PERMEABILITY GAG	QA						
*		32 MICRO-INCH RA SURFACE FINISH (PORT EXTENSION INTERIOR)	PROFILOMETER	QA						

Workorder: 64880/1-0 Sub:1 Op:120

Revision: 11/14/03 15:02

Part: - - SE121 PROTOTYPE VACUUM VESSEL SEGMENT

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		Magnetic Permeability of all Inconel 625 Material And Weld Zones (1.01 Max)	PERMEABILITY GAG	QA						
*		Magnetic Permeability of Conflat Flange (1.02 Max)	PERMEABILITY GAG	QA						
*		Magnetic Permeability of Weld / Heat Affecte ne (Flange to Tube) (1.2 Max)	PERMEABILITY GAG	QA						

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PPPL NCSX PVVS INSPECTION PLAN

*		(g ,375) Finished part profile	SMX	QA						
*		(# d.125"p48" A B C) Port Extension position (after re-attachment)	SMX	QA						

Workorder: 64880/1-0 Sub:14 Op:10

Revision: 11/14/03 15:03

Part: - - SE121-001P-2 PANEL # 1

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY			
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
*		Magnetic Permeability 1.0 Max. (Panel Blank)	PERMEABILITY GAG	QA			TESTED 15 RANDOM LOCATIONS, MAX. MAG. PERMEABILITY =1.000	581-D.ED 09-25-03			A
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY			
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
*		.375 (+.040/-0) (Panel Blank)	ULTRASONIC THICK O.D. MICS	QA		J-160	.412	085-D.GR 10-02-03			A
*		SURFACE FINISH: SMOOTH, CLEAN, NO HEAVY SCRAPES, PITS, OR GOUGES (Panel Blank)	VISUAL INSPECTION	QA		VISUAL	GOOD	085-D.GR 10-02-03			A

Workorder: 64880/1-0 Sub:14 Op:35

Revision:

Part: - - SE121-001P-2 PANEL # 1

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY			
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
*		MAGNETIC PERMEABILITY OF ANNEALE 1.01 MAX	PERMEABILITY GAG	QA		J-1143	1.008-1.009	522-R.DU 10-29-03			A

Workorder: 64880/1-0 Sub:14 Op:40

Revision: 10/29/03 10:55

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INSPECTION DATA CHECKLIST

PPPL NCSX PVVS INSPECTION PLAN


Part: - - SE121-001P-2 PANEL # 1

Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
1		.08" Max Gap (Part Surface To gauge)	FEELER GAGE	MFG QA			FEELER GAGE .080 (GOOD) FEELER GAGE	746-G.D 10-29-03	522-R.DU 10-29-03	

Workorder: 64880/1-0 Sub:14 Op:70

Revision: 11/14/03 15:07

Part: - - SE121-001P-2 PANEL # 1

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		Magnetic Permeability 1.01 Max	PERMEABILITY GAG	QA						
*		32 MICRO-INCH SURFACE FINISH (INTERIOR (CONCAVE) SIDE)	PROFILOMETER	QA						
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		 .08" .08" Max Gap (Part Surface To gauge)	TEMPLATE FEELER GAGE	QA ENG						

Workorder: 64880/1-0 Sub:15 Op:10

Revision: 11/14/03 15:05

Part: - - SE121-001P-2 PANEL # 2

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		Magnetic Permeability 1.0 Max. (Panel Blank)	PERMEABILITY GAG	QA			TESTED 15 RANDOM LOCATIONS, MAX. MAG. PERMEABILITY =1.000	581-D.ED 09-25-03		
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		.375 (+.040/-0) (Panel Blank)	ULTRASONIC THICK O.D. MICS	QA		J-160	.405	085-D.GR 10-02-03		

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PPPL NCSX PVVS INSPECTION PLAN

*		SURFACE FINISH: SMOOTH, CLEAN, NO HEAVY SCRAPES, PITS, OR GOUGES (Panel Blank)	VISUAL INSPECTION	QA		VISUAL	GOOD	085-D.GR			A
								10-02-03			

Workorder: 64880/1-0 Sub:15 Op:35

Revision:

Part: - - SE121-001P-2 PANEL # 2

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		MAGNETIC PERMEABILITY OF ANNEALE 1.01 MAX	PERMEABILITY GAG	QA						

Workorder: 64880/1-0 Sub:15 Op:40

Revision:

Part: - - SE121-001P-2 PANEL # 2

Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
1		.08" Max Gap (Part Surface To gauge)	FEELER GAGE	MFG ENG						

Workorder: 64880/1-0 Sub:15 Op:70

Revision: 11/14/03 15:07

Part: - - SE121-001P-2 PANEL # 2

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		Magnetic Permeability 1.01 Max	PERMEABILITY GAG	QA						
*		32 MICRO-INCH SURFACE FINISH (INTERIOR (CONCAVE) SIDE)	PROFILOMETER	QA						
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		{g .08"}	TEMPLATE	QA						

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PPPL NCSX PVVS INSPECTION PLAN

	.08" Max Gap (Part Surface To gauge)	FEELER GAGE	ENG						
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Workorder: 64880/1-0 Sub:16 Op:10

Revision: 11/14/03 15:05

Part: - - SE121-001P-2 PANEL # 3

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY			
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
*		Magnetic Permeability 1.0 Max. (Panel Blank)	PERMEABILITY GAG	QA			TESTED 15 RANDOM LOCATIONS, MAX. MAG. PERMEABILITY =1.000	581-D.ED 09-25-03			A

Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY			
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
*		.375 (+.040/-0) (Panel Blank)	ULTRASONIC THICK	QA		J-160	.381	085-D.GR 10-02-03			A
*		SURFACE FINISH: SMOOTH, CLEAN, NO HEAVY SCRAPES, PITS, OR GOUGES (Panel Blank)	VISUAL INSPECTION	QA		VISUAL	GOOD	085-D.GR 10-02-03			A

Workorder: 64880/1-0 Sub:16 Op:35

Revision:

Part: - - SE121-001P-2 PANEL # 3

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		MAGNETIC PERMEABILITY OF ANNEALE 1.01 MAX	PERMEABILITY GAG	QA						

Workorder: 64880/1-0 Sub:16 Op:40

Revision:

Part: - - SE121-001P-2 PANEL # 3

Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT

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PPPL NCSX PVVS INSPECTION PLAN

1		.08" Max Gap (Part Surface To gauge)	FEELER GAGE	MFG ENG						
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Workorder: 64880/1-0 Sub:16 Op:70

Revision: 11/14/03 15:07

Part: - - SE121-001P-2 PANEL # 3

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		Magnetic Permeability 1.01 Max	PERMEABILITY GAG	QA						
*		32 MICRO-INCH SURFACE FINISH (INTERIOR (CONCAVE) SIDE)	PROFILOMETER	QA						
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		 .08" .08" Max Gap (Part Surface To gauge)	TEMPLATE FEELER GAGE	QA ENG						

Workorder: 64880/1-0 Sub:17 Op:10

Revision: 11/14/03 15:06

Part: - - SE121-001P-2 PANEL # 4

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		Magnetic Permeability 1.0 Max. (Panel Blank)	PERMEABILITY GAG	QA			TESTED 15 RANDOM LOCATIONS, MAX. MAG. PERMEABILITY =1.000	581-D.ED 09-25-03		
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		.375 (+.040/-0) (Panel Blank)	ULTRASONIC THICK O.D. MICS	QA		J-160	.396	085-D.GR 10-02-03		
*		SURFACE FINISH: SMOOTH, CLEAN, NO HEAVY SCRAPES, PITS, OR GOUGES	VISUAL INSPECTION	QA		VISUAL	GOOD	085-D.GR		

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INSPECTION DATA CHECKLIST

PPPL NCSX PVVS INSPECTION PLAN

(Panel Blank)	10-02-03
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Workorder: 64880/1-0 Sub:17 Op:35

Revision:

Part: - - SE121-001P-2 PANEL # 4

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		MAGNETIC PERMEABILITY OF ANNEALE 1.01 MAX	PERMEABILITY GAG	QA						

Workorder: 64880/1-0 Sub:17 Op:40

Revision:


Part: - - SE121-001P-2 PANEL # 4

Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
1		.08" Max Gap (Part Surface To gauge)	FEELER GAGE	MFG ENG						

Workorder: 64880/1-0 Sub:17 Op:70

Revision: 11/14/03 15:07

Part: - - SE121-001P-2 PANEL # 4

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		Magnetic Permeability 1.01 Max	PERMEABILITY GAG	QA						
*		32 MICRO-INCH SURFACE FINISH (INTERIOR (CONCAVE) SIDE)	PROFILOMETER	QA						
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		 .08" .08" Max Gap (Part Surface To gauge)	TEMPLATE FEELER GAGE	QA ENG						

Workorder: 64880/1-0 Sub:18 Op:10

Revision: 11/14/03 15:06

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PPPL NCSX PVVS INSPECTION PLAN

Part: - - SE121-001P-2 PANEL # 5

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY			
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
*		Magnetic Permeability 1.0 Max. (Panel Blank)	PERMEABILITY GAG	QA		J-1143	TESTED 15 RANDOM LOCATIONS, MAX. MAG. PERMEABILITY =1.000	581-D.ED 09-25-03			A
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY			
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
*		.375 (+.040/-0) (Panel Blank)	ULTRASONIC THICK O.D. MICS	QA		J-160	.415	085-D.GR 10-02-03			A
*		SURFACE FINISH: SMOOTH, CLEAN, NO HEAVY SCRAPES, PITS, OR GOUGES (Panel Blank)	VISUAL INSPECTION	QA		VISUAL	GOOD	085-D.GR 10-02-03			A

Workorder: 64880/1-0 Sub:18 Op:35

Revision:

Part: - - SE121-001P-2 PANEL # 5

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		MAGNETIC PERMEABILITY OF ANNEALE 1.01 MAX	PERMEABILITY GAG	QA						

Workorder: 64880/1-0 Sub:18 Op:40

Revision:

Part: - - SE121-001P-2 PANEL # 5

Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
1		.08" Max Gap (Part Surface To gauge)	FEELER GAGE	MFG ENG						

Workorder: 64880/1-0 Sub:18 Op:70

Revision: 11/14/03 15:07

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PPPL NCSX PVVS INSPECTION PLAN

Part: - - SE121-001P-2 PANEL # 5

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		Magnetic Permeability 1.01 Max	PERMEABILITY GAG	QA						
*		32 MICRO-INCH SURFACE FINISH (INTERIOR (CONCAVE) SIDE)	PROFILOMETER	QA						
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		(g .08") .08" Max Gap (Part Surface To gauge)	TEMPLATE FEELER GAGE	QA ENG						

Workorder: 64880/1-0 Sub:19 Op:20

Revision:

Part: - - SE121 PORT SUB-ASSEMBLY

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		32 Micro Surface Finish (Interior)	PROFILOMETER	QA						
*		1.2 Max Magnetic Permeability (Flange To Tube)	PERMEABILITY GAG	QA						

Workorder: 64880/1-0 Sub:24 Op:30

Revision: 10/02/03 9:44

Part: - - SURFACE FINISH TESTING TEST PIECES TO DEVELOP SURFACE FINISHING TECHNIQUES, CLEANING PROCEDURE, AND PERMEABILITY TESTING METH

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
		SURFACE FINISH: 32 MICRO ON ONE SIDE SMOOTH BLASTED SURFACE SIDE OPPOS	PROFILOMETER	QA		J-1152	22 TO 27 MICRO	139-R.S		
		CLEANLINESS PER PP475.	VISUAL INSPECTION	QA		VISUAL	ACC	139-R.S		

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PPPL NCSX PVVS INSPECTION PLAN

		MAGNETIC PERMEABILITY (1.01 MAX)		QA		J-1143	1.01	085-D.GR 10-02-03			A
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Workorder: 64880/1-0 Sub:25 Op:15

Revision: 09/22/03 9:05

Part: - - PORT EXTENSION WELD BACKING RING

Drawing ID: SE121 Rev: --			INSPECTION INSTRUCTIONS				RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
*		MAGNETIC PERMEABILITY 1.01 MAX (AFTER ROLLING / PRIOR TO WELDING)	PERMEABILITY GAG	QA			15 RANDOM LOCATION HIGH=1.007, LOW=1.006	581-D.ED 09-22-03			A

Workorder: 64880/1-0 Sub:25 Op:40

Revision:

Part: - - PORT EXTENSION WELD BACKING RING

Drawing ID: SE121 Rev: --			INSPECTION INSTRUCTIONS				RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
*		MAGNETIC PERMEABILITY 1.01 MAX	ULTRASONIC THICK	QA							

Workorder: 64880/1-0 Sub:26 Op:70

Revision: 11/06/03 10:07

Part: - - SE121-001P-2 TEST PANEL NOTE: DERRIVED FROM DIE SET # 1

Drawing ID: SE121 Rev: A			INSPECTION INSTRUCTIONS				RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
		Magnetic Permeability 1.01 Max	PERMEABILITY GAG	MFG							
		32 MICRO-INCH SURFACE FINISH (INTERIOR (CONCAVE) SIDE)	PROFILOMETER	QA							
Drawing ID: SE121-001P Rev: A			INSPECTION INSTRUCTIONS				RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT	
		.094" Max Gap (Part Surface To gauge)		QA ENG							

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INSPECTION DATA CHECKLIST

PPPL NCSX PVVS INSPECTION PLAN

Workorder: 64880/1-0 Sub:29 Op:10

Revision:

Part: - - PORT EXTENSION TUBE (TAKE 2)

Drawing ID: SE121 Rev: --			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		MAGNETIC PERMEABILITY 1.01 MAX		QA			MAX. RECORDING OF P ERM. OF PLATE 1.002 , 12 PLCS. RANDOMLY CHECKED.	581-D.ED 09-17-03		

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Workorder: 64880/1-0 Sub:29 Op:30

Revision: 09/22/03 9:03

Part: - - PORT EXTENSION TUBE (TAKE 2)

Drawing ID: SE121 Rev: --			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		MAGNETIC PERMEABILITY 1.01 MAX (AFTER ROLLING / PRIOR TO WELDING)	PERMEABILITY GAG	QA			21 RANDOM LOCATION , HIGH=1.007, LOW=1 .006	581-D.ED 09-22-03		

A

Workorder: 64880/1-0 Sub:29 Op:70

Revision:

Part: - - PORT EXTENSION TUBE (TAKE 2)

Drawing ID: SE121 Rev: --			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
*		32 MICRO-INCH RA SURFACE FINISH (PORT EXTENSION TUBE)	PROFILOMETER	QA						
*		MAGNETIC PERMEABILITY 1.01 MAX (PORT EXTENSION TUBE)	PERMEABILITY GAG	QA						

Workorder: 64880/1-0 Sub:31 Op:10

Revision:

Part: - - NAMEPLATE

Drawing ID: NAMEPLATE Rev: --			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
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NOTE: the recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal statutes including federal law, title 18, chapter 47.

INSPECTION DATA CHECKLIST

PPPL NCSX PVVS INSPECTION PLAN

SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
		MAGNETIC PERMEABILITY OF NAMEPLA 1.0 MAX	PERMEABILITY GAG	QA		J1143	9 LOC. CHECKED- HIG H 1.007, LOW 1.007.	581-D.ED 09-24-03		

A

Workorder: 64880/1-0 Sub:31 Op:20

Revision:

Part: - - NAMEPLATE

Drawing ID: Rev:			INSPECTION INSTRUCTIONS			RESULTS		INSPECTED BY		
SHEET	ZONE	CHARACTERISTIC	GAGE/EQUIP	BY	SAMPLE	SER#	DATA/REMARKS	INSP	VERFD	AUDIT
		MAGNETIC PERMEABILITY OF NAMEPLA 1.0 MAX	PERMEABILITY GAG	QA						

NOTE: the recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal statutes including federal law, title 18, chapter 47.