

Customer: 8780 - PRINCETON PLASMA PHYSICS LAB
Customer P.O.: S-04344-F
Customer Part ID: SE121 - NSCX Vacuum Vessel Prototype

Item#	Document Description / Material Description / File Name / Heat Lot
1	CERTIFICATE OF CONFORMANCE

F1000000NC4 - FLANGE, CONFLAT, NON-ROTATE, 10.00"

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
2	20	10	10	Material Certification: / F1000000NC4 - FLANGE, CONFLAT, NON-ROTATE, 10.00" - mc094399.pdf / OV104&0V105

FB1000C12S - BOLT AND NUT KIT, 12 PT, SILVER PLATED

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
3	20	10	40	Certificate of Conformance: / FB1000C12S - BOLT AND NUT KIT, 12 PT, SILVER PLATED - MC094404.PDF / C OF C

FG1000CI - GASKET KIT (10/PK), COPPER, FOR 10" CFF

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
4	20	10	20	Certificate of Conformance: / FG1000CI - GASKET KIT (10/PK), COPPER, FOR 10" CFF - Same as Item #3 / C OF C

FG1000VU - GASKET, VITON, FOR 10" CFF

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
5	20	10	30	Certificate of Conformance: / FG1000VU - GASKET, VITON, FOR 10" CFF - Same as Item #3 / C OF C

GC0275S - GASKET CLIP KIT (10/PK), FOR 10" CFF

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
6	20	10	50	Certificate of Conformance: / GC0275S - GASKET CLIP KIT (10/PK), FOR 10" CFF - Same as Item #3 / C OF C

NAMEPLATE

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
7	31	10	10	Material Certification: TRACE ID: 92220 / INCONEL 625_660 - SHEET,NICKEL ALLOY .125" THK - MC093762.TIF / 2650 3 6874

PVVS PORT EXTENSION TUBE

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
8	25	40		Inspection Data Checklist: 1 steps

SE121-001P

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
9	0	10	10	Material Certification: TRACE ID: 38561 / INCONEL625_062_GTAW - WELD WIRE/GTAW, .062 DIA - MC074409.TIF / 2653-8-4201
10	0	10	30	Material Certification: Trace ID: 41171 / INCONEL625_093_GTAW - WELD WIRE/GTAW, .093 DIA - mc075605.tif / CT7519
11	0	10	30	Material Certification: / INCONEL625_093_GTAW - WELD WIRE/GTAW, .093 DIA - mc075552.tif / CT7519
12	1	30		Test Certification: CWI CERTIFICATE -
13	1	70		Test Certification: CWI CERTIFICATE -
14	1	71		Furnace charts: FURNACE CHART -
15	1	73		Test Certification: VACUUM TEST CERTIFICATE -

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16	1	75	Test Certification: RADIOGRAPHIC CERTIFICATE -
17	1	75	Map(s): RADIOGRAPHIC INSPECTION MAP -
18	1	10	Inspection Data Checklist: 2 steps
19	1	20	Inspection Data Checklist: 2 steps
20	1	40	Inspection Data Checklist: 2 steps
21	1	80	Inspection Data Checklist: 2 steps

SE121-001P-2 PANEL # 1 - DIE FORMED PANEL

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
22	14	10	10	Material Certification: / SE121-001P-2 PANEL # 1 - PANEL BLANK .375" THK INCONEL 625 - mc094098.tif / 2650 3 6877

SE121-001P-2 PANEL 1 - DIE FORMED PANEL Qty: 1

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
23	14	30		Furnace charts: FURNACE CHART - mc094645.pdf
24	14	30		Certification: H/T CERTIFICATE - Same as Item #23
25	14	70		Test Certification: SE121-001P-10MTM -
26	14	10		Inspection Data Checklist: 3 steps
27	14	35		Inspection Data Checklist: 1 steps
28	14	70		Inspection Data Checklist: 2 steps

SE121-001P-2 PANEL 2 - DIE FORMED PANEL

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
29	15	10	10	Material Certification: / SE121-001P-2 PANEL # 2 - PANEL BLANK .375" THK INCONEL 625 - mc094096.tif / 2650 3 6877
30	15	30		Furnace charts: FURNACE CHART -
31	15	30		Certification: H/T CERTIFICATE -
32	15	70		Test Certification: SE121-001P-10MTM -
33	15	10		Inspection Data Checklist: 3 steps
34	15	35		Inspection Data Checklist: 1 steps
35	15	70		Inspection Data Checklist: 2 steps

SE121-001P-2 PANEL 3 - DIE FORMED PANEL

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
36	16	10	10	Material Certification: / SE121-001P-2 PANEL # 3 - PANEL BLANK .375" THK INCONEL 625 - mc094091.tif / 2650 3 6877
37	16	30		Furnace charts: FURNACE CHART - mc094739.pdf
38	16	30		Certification: H/T CERTIFICATE - Same as Item #37
39	16	70		Test Certification: SE121-001P-10MTM -
40	16	10		Inspection Data Checklist: 3 steps
41	16	35		Inspection Data Checklist: 1 steps
42	16	70		Inspection Data Checklist: 2 steps

SE121-001P-2 PANEL 4 - DIE FORMED PANEL

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
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43	17	10	10	Material Certification: / SE121-001P-2 PANEL # 4 - PANEL BLANK .375" THK INCONEL 625 - mc094093.tif / 2650 3 6876
44	17	30		Furnace charts: FURNACE CHART -
45	17	30		Certification: H/T CERTIFICATE -
46	17	70		Test Certification: SE121-001P-10MTM -
47	17	10		Inspection Data Checklist: 3 steps
48	17	35		Inspection Data Checklist: 1 steps
49	17	70		Inspection Data Checklist: 2 steps

SE121-001P-2 PANEL 5 - DIE FORMED PANEL

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
50	18	10	10	Material Certification: / SE121-001P-2 PANEL # 5 - PANEL BLANK .375" THK INCONEL 625 - mc094089.tif / 2650 2 6877
51	18	30		Certification: H/T CERTIFICATE -
52	18	30		Furnace charts: FURNACE CHART -
53	18	70		Test Certification: SE121-001P-10MTM -
54	18	10		Inspection Data Checklist: 3 steps
55	18	35		Inspection Data Checklist: 1 steps
56	18	70		Inspection Data Checklist: 2 steps

SE121-001P-2 TEST PANEL - DIE FORMED PANEL Qty: 1

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
57	26	70		Test Certification: SE121-001P-10MTM -

SE121-001P-3 - PORT EXTENSION TUBE

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
58	29	20	10	Material Certification: / INCONEL 625_660 - SHEET,NICKEL ALLOY .125" THK - mc093762.tif / 2650 3 6874
59	29	30		Inspection Data Checklist: 1 steps
60	29	70		Inspection Data Checklist: 2 steps

SE121-001P-4

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
61	25	15		Inspection Data Checklist: 1 steps

SE121-003P - PVVS Qty: 1

Item#	Sub	Op	Pc	Document Description / Material Description / File Name / Heat Lot
62	0	20		Test Certification: CLEANLINESS REPORT -
63	1	90		Test Certification: VISUAL INSPECTION CERT -
64	1	120		Certification: INT. SURF. FINISH CERT. -
65	1	120		Certification: MAG. PERM. CERTIFICATION -
66	1	120		Certification: CLEANLINESS CERTIFICATION -
67	1	120		Certification: PROFILE CERTIFICATION -
68	1	100		Inspection Data Checklist: 3 steps



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69 1 120 Inspection Data Checklist: 5 steps

SE121-003P-4 - WELD BACKING RING

<u>Item#</u>	<u>Sub</u>	<u>Op</u>	<u>Pc</u>	<u>Document Description / Material Description / File Name / Heat Lot</u>
70	25	10	10	Material Certification: / INCONEL 625_660 - SHEET,NICKEL ALLOY .125" THK - Same as Item #58 / 2650 3 6874