Fermilab

Date: Jan 18, 2008

EXHIBIT B
Pressure Testing Permit*

Type of Test: [ ]Hydrostatic [ ] Pneumatic

Test Pressure 90 psig **Maximum Allowable Working Pressure** 30 psig

Items to be Tested Proof test for TPC Signa Feed-through clamped between two 6" ISO Flanges. For TPC2 test. See Attached drawings of test vessel.

Location of Test PAB Calibration Shop **Date and Time** week of Jan 22, 2008

Hazards Involved Rupture and Flying debris. Total pressurized volume is relatively small.

Safety Precautions Taken Place Test vessel in Garbage can in PAB Calibration Shop. Personal Kept out of Calibration shop or behind barrier. See attached procedure and markup MP-194470

Special Conditions or Requirements

Qualified Person and Test Coordinator Dept/Date Robert Sanders or Jim Tweed

Division/Section Safety Officer Dept/Date ERIC McHUGH 13747 N PD/ES&H 2.07.08

Results Test was successful.

Witness (Safety Officer or Designee) Dept/Date PD/ES&H 2.07.08

* Must be signed by division/section safety officer prior to conducting test. It is the responsibility of the test coordinator to obtain signatures.

Pressure Testing Procedure

T962 Signal Feed-Through Assembly

NOTE: all valve numbers are listed on drawing MD-194470

(1) Use relief valve SV-123 set at 110 psi to protect the system during the pressure test.

(2) Install test vessel inside garbage can on South side of Calibration shop test stand.

(3) Connect test vessel to MV-107-H using 1/4" copper or stainless tubing or polyflow tubing (120 psig working pressure).

(4) Lock or rope off outside door to calibration shop. Post "*Pressure Test In Progress, Do Not Enter*" signs on both doors to the calibration shop, visible to the outside.

(5) During pressure test personnel to remain behind test stand or outside of Calibration shop.

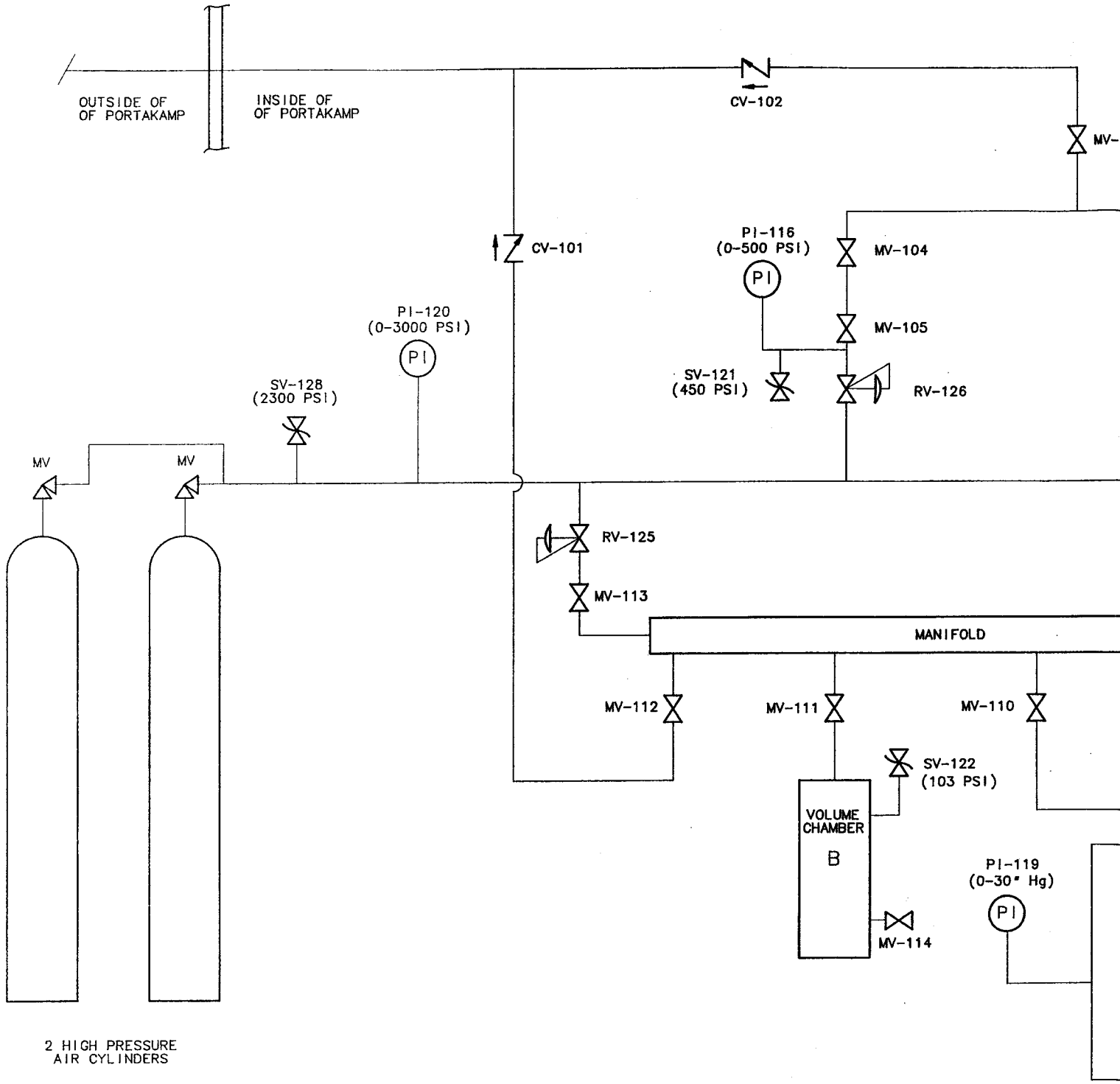
(6) Pressurize test vessel to 15 psi and see if pressure holds for 2 minutes. If pressure does not hold use snoop to leak check joints. Fix leaks and repeat. Do not pressurize more than 15 psi during this process.

(7) Pressure in order, to each of the following pressures and hold for 1 minute. If pressure fails to hold repeat step 6:

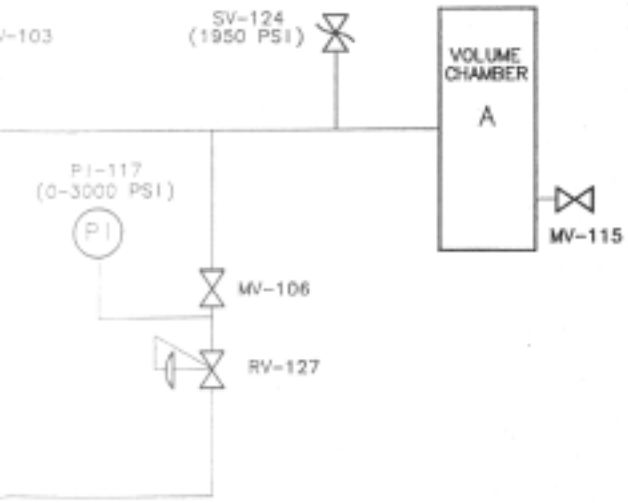
30 psi
60 psi
90 psi

(8) Bleed off pressure in test vessel to 30 psi, snoop all joints on test vessel. Inspect for deformation.

(9) Bleed off pressure to 0 psi. Remove the electronic card from test vessel and inspect for deformation or damage.

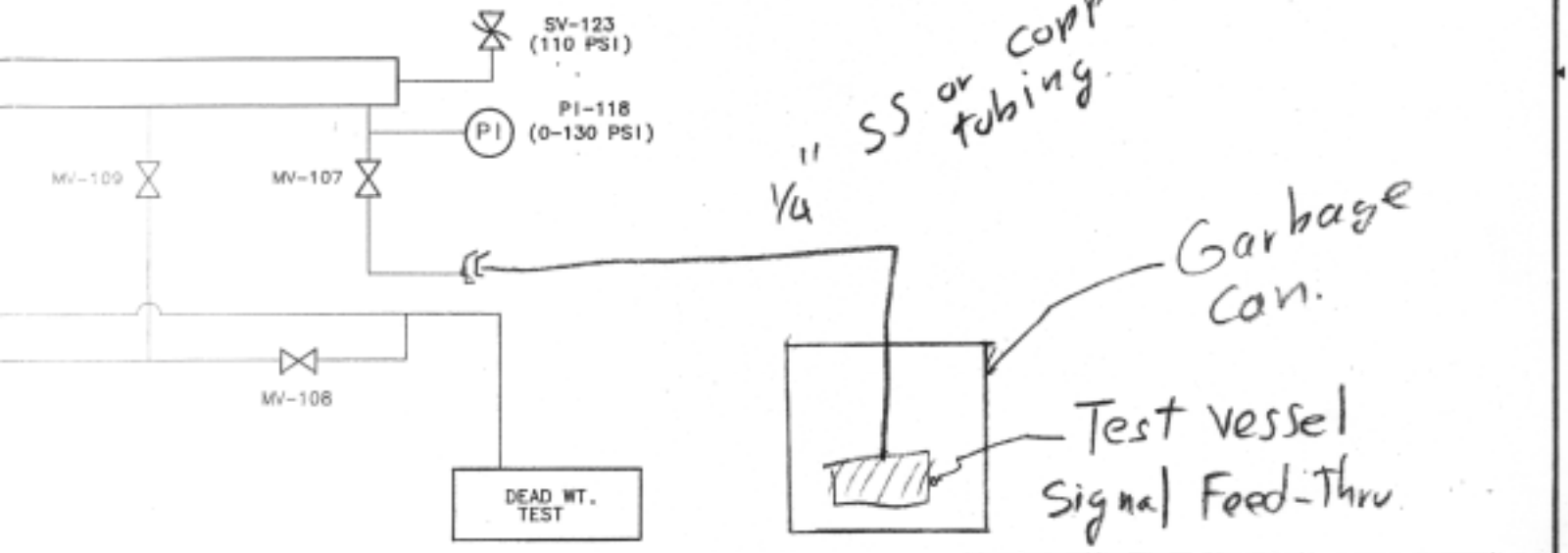

OUTSIDE OF
OF PORTAKAMP
INSIDE OF
OF PORTAKAMP
CV-102
MV-
CV-101
PI-116
(0-500 PSI)
PI
MV-104
MV-105
PI-120
(0-3000 PSI)
PI
SV-128
(2300 PSI)
SV-121
(450 PSI)
RV-126
MV
MV
RV-125
MV-113
MANIFOLD
MV-112
MV-111
MV-110
SV-122
(103 PSI)
VOLUME
CHAMBER
B
PI-119
(0-30" Hg)
PI
MV-114
2 HIGH PRESSURE
AIR CYLINDERS

REV.	DESCRIPTION	DRAWN / APPROVED	DATE
A	CHANGED VALVE DESCRIPTIONS	RGH / C NILA	6/92 / 6/29/92
B	ADDED EXTRA TANK	RGH / C NILA	7/92 / 7/02/92
C	REVISED SYMBOLS FOR VALVES CV-101, CV-102, MV-125, MV-126, MV-127, AND GAS CYL MV. ADDED NOTE TO CYL.	VIC M / [illegible]	10/22/92 / 10-22-92



Pressure Test Setup for T962

SIGNAL FEEDTHROUGH



ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
PARTS LIST			

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	J DOMOLECZNY 5/92
FRACTIONS ± / DECIMALS ± / ANGLES ±	DRAWN	R HARING 5/92
	CHECKED	C NILA 5/22/92
1. BREAK ALL SHARP EDGES 1/64 MAX. 2. DO NOT SCALE DRWG. 3. DIMENSIONING TO ACCORD WITH ANSI Y14.5 STD'S.	APPROVED	
	USED ON	
√ MAX. ALL MACHINED SURFACES	MATERIAL	D

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

RD/CRYOGENICS DEPT.
RELIEF VALVE TEST PANEL

SCALE	DRAWING NUMBER	SHEET NO.	REV.
NONE	MD-194470	1	C