

SOUTHWEST RESEARCH INSTITUTE
Department of Quality Assurance
Calibration Laboratory • 522-5215

WORK ORDER

WORK ORDER # 36236 ASSET # 007576 DATE 30 Sept. 99

ITEM DATA:

Manufacturer Unknown Model 0-30 in. Hg
Description Pressure Gauge Serial # 7576
Accessories _____

ACTION REQUESTED Cal

CUSTODIAN Del. 20, Anne Marie

Turned in by: Mark Elstrom Phone 9530

CHARGE # 20.01402.159 Date Required _____

INSTRUMENT USED ON: (DOD/NASA) (NUCLEAR) (GLP) (SPPE) (ISO)
 OTHER _____

COPY OF CALIBRATION CERTIFICATE (Yes) (No)

NEW WORK Yes No If yes, an evaluation shall be made to verify capabilities.

By mael Date 09-30-99

Work involves proprietary/confidential information or equipment (Yes) (No)

CONDITION RECEIVED: Out of tolerance
 In tolerance
 Damaged (Contact customer)
 Contact _____ Date _____
 Received into system, introduced or reactivated

ACTION TAKEN: (Calibration/Repair/Parts) Cal

CAL ENVIRONMENT:
Temperature 68 °F Humidity 42 %RH

CALIBRATED/REPAIRED:
By [Signature] Cal Procedure CCCP-PI-001
Date 10-6-99 Accuracy 2%
Cal Interval 6 mo Reliability Code _____
Next Cal Due 4-6-00 Cal Time 1.5 Repair Time _____
Standards used (Asset #) 5259

DATE COMPLETED 10-6-99

DATE PICKED UP 10-7-99 PICKED UP BY 10:45 Anne-Marie LEJEUNE

36236

PRESSURE CALIBRATION DATA SHEET

Date 10-6-99 Work Order 36236 Technician M Wood
 Inst Cust. Anne Marie Ext _____ Charge # 20-01402-159 time 1.5

A) Unit Under Test Vacuum Gage
 Model _____ Serial No. 7576 Asset No. 7576
 Range 30" Hg Vac Uncertainty 2% FS (± 0.6 "Hg) Std Unc _____

B) Calibration Standard (1) Mensor
 Model SD14 Serial No. 340119B Asset No. 5259
 Uncertainty ± 0.003 psi (± 0.006 "Hg) Std Unc _____

C) Calibration Standard (2) _____
 Model _____ Serial No. _____ Asset No. _____
 Uncertainty _____ Std Unc _____
 Comb Unc (rss B&C) ± 0.006 "Hg TUR (A Unc/Comb Unc) 100/1

If less than 4:1, Total combined calibration Unc (kXrss) _____

k= _____ Explanation _____

Env: Room Temp. 68°F Humidity 42% Baro Press. 29.18" Hg

Conversion Factor(s) "Hg @ 0°C (0.491154) = PSI

STANDARD	INCREASING	DECREASING	TOLERANCE: ± 0.6 "Hg	
UNITS: "Hg Vac	UNITS: "Hg	UNITS: "Hg	UNITS: "Hg	
AS FOUND			MIN	MAX
0	—	—	-0.6	0.6
5	5.5	5.5	4.4	5.6
10	10.5	10.5	9.4	10.6
15	15.5	15.5	14.4	15.6
20	20.6	20.6	19.4	20.6
25	25.6	—	24.4	25.6
AS DELIVERED	<u>In Tol</u>			

NOTES: