

## CERTIFICATE OF CALIBRATION

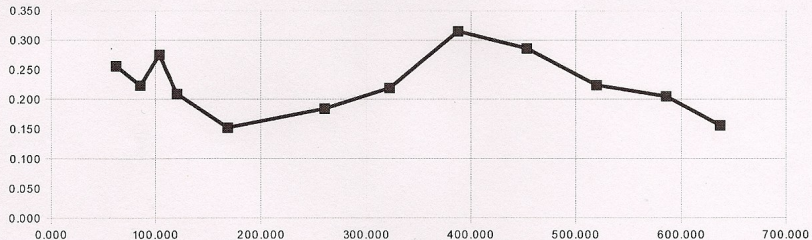
**CUSTOMER:** TEKSCO USA, HARLINGEN, TX  
**PO NUMBER:**  
**INST. MANUFACTURER:** FUJI  
**INST. DESCRIPTION:** ULTRASONIC FLOWMETER  
**MODEL NUMBER:** FLC51012  
**SERIAL NUMBER:** 01A5849T  
**RATED UNCERTAINTY:** +/- 1% RD.  
**UNCERTAINTY GIVEN:** +/- .17% RD.; K=2

**CALIBRATION DATE:** 05/20/2013  
**CALIBRATION DUE:** 05/20/2014  
**PROCEDURE:** NAVAIR-17-20MG-28  
**CALIBRATION FLUID:** H2O @ 70F  
**STANDARD(S) USED:** A33, A14 DUE 9-2013  
**NIST TRACE # 'S':** 1219670781, 1222859163  
**AMBIENT CONDITIONS:** 761 mmHGA, 43% RH, 73F  
**CERTIFICATE FILE #:** 439219.2013

**NOTES:** AS REC./AS LEFT WITHIN SPECS. \*\* CALIBRATED ON 3" SCH. 40 STEEL PIPE \*\*  
 \*\*TRANSDUCERS FLW410Y2-YBY; S/N: A1C2199; #'S 1-0689 & 1-0690 \*\*

TEST POINT NUMBER	UUT INDICATED GPM	DM.STD. ACTUAL GPM	% RD. ERROR
1	62.3	62.459	0.256
2	85.5	85.691	0.223
3	103.4	103.684	0.275
4	120.1	120.351	0.209
5	168.1	168.356	0.152
6	259.6	260.078	0.184
7	321.4	322.104	0.219
8	386.5	387.717	0.315
9	452.2	453.493	0.286
10	518.7	519.862	0.224
11	584.5	585.698	0.205
12	635.9	636.892	0.156

% ERROR



All instruments used in the performance of the shown calibration have traceability to the National Institute of Standards and Technology (NIST). The uncertainty ratio between the calibration standards (DM.STD.) used and the unit under test (UUT) is a minimum of 4:1, unless otherwise noted. Calibration has been performed per the shown procedure number, in accordance with ISO 10012:2003, ISO 17025:2005, ANSI/NCSL-Z-540.3, and/or MIL-STD-45662A. Test methods: API2530-92 & ASME MFC-3M-1989.

**Dick Munns Company** • 10572 Calle Lee #138 • Los Alamitos, CA 90720  
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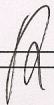
This Calibration Certificate shall not be reproduced except, in full, without approval by DICK MUNNS COMPANY. The data shown applies only to the instrument being calibrated and under the stated conditions of calibration.

Date:

Approved By:

Calibration Technician:

5-20-2013



JA