

FIELD TEST RESULTS MARYMOUNT CALIFORNIA UNIVERSITY DORMS 6-4-20 Female
Dorm #19

			HOT	COLD	HOT	COLD	TOTAL
WITHOUT ITOUCHFAUCETS					USAGE		WEEKLY
WEEK 0.	MON	2-03-20	136	176			
WEEK 1	MON	2-10-20	238	211	102	35	137
WEEK 2.	MON	2-17-20	347	238	109	27	136
WEEK 3.	MON	2-24-20	442	268	95	30	125

WITH ITOUCHFAUCETS

			Timer Default AT 12 seconds				
WEEK 4.	MON	3-2-20	470	350	28	82	110
WEEK 4.	WED	3-4-20	Timer Adjusted TO 4 SECONDS*				
			490	361			
WEEK 5.	MON	3-9-20	529	404	59	43	102
WEEK 5.	MON	3-16-20	LOCKDOWN				

SAVINGS WITH ITOUCHFAUCETS

WEEK 1 – WEEK 5 = 137-102 GALLS = 40 GALLS ESTIMATE x 52 WEEKS
 = 2000 GALS PER YEAR
 = 40% = 2000 GALS SAVINGS PER YEAR
 = 50% = 2500 GALS SAVINGS WITH COVID 19 (estimate only)
 = 60% = 3000 GALS SAVINGS WITH COVID 19 (estimate only)

APPROVED BY MR ROBERT ROOKER, DIRECTOR of FACILITIES

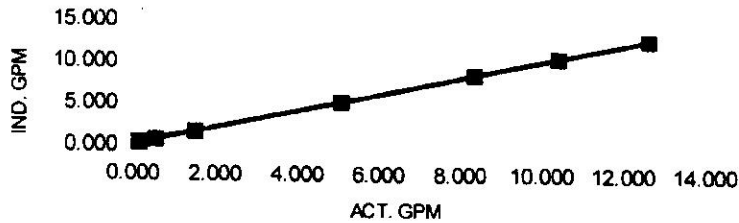
DATE 6-22-20


MARYMOUNT CALIFORNIA UNIVERSITY

CERTIFICATE OF CALIBRATION

CUSTOMER:	I TOUCH FAUCETS	CALIBRATION DATE:	06/16/20
PO NUMBER:	N/A	CALIBRATION DUE:	06/16/21
INST. MANUFACTURER:	DLJ METER	PROCEDURE:	NAVAIR17-20MG,NIST250
INST. DESCRIPTION:	P.D. METER	CALIBRATION FLUID:	H2O @ 70°F
MODEL NUMBER:	DLJSJ50	ARRIVAL CONDITIONS:	WITHIN MFG. SPEC.
SERIAL NUMBER:	08 011268	RETURNED CONDITIONS:	WITHIN MFG. SPEC.
RATED UNCERTAINTY:	+/- 1.5 % RD	AMBIENT CONDITIONS:	761mmHGA 58%RH 72°F
UNCERTAINTY GIVEN:	TOTAL measurement uncertainty +/- .152 RD K=2	CERTIFICATE FILE #:	499126.2020
NOTES:			

TEST POINT NUMBER	UUT	DM.STD.	INDICATED	ACTUAL	ACTUAL
	INDICATED	ACTUAL	UUT	DM.STD.	RD
	TOTAL GAL.	TOTAL GAL.	GPM	GPM	% ERROR
1	2.0	1.9870	0.154	0.153	-0.649
2	2.0	1.9892	0.556	0.553	-0.540
3	4.0	3.9697	1.519	1.508	-0.757
4	4.0	4.0294	5.047	5.084	0.735
5	10.0	10.0288	8.331	8.355	0.288
6	10.0	10.0241	10.395	10.420	0.241
7	15.0	15.0417	12.591	12.626	0.278
8	15.0	15.0251	14.319	14.343	0.168
9	20.0	20.1289	18.151	18.268	0.645
10	20.0	20.1007	20.264	20.366	0.503



STANDARDS USED:

A28 (VOLUME PROVER DOUBLE BURETT 5-15GPM) +/- .02% BY VOLUME CMC .168% RD TRACE# 1446135470,1453296155	DUE	03/14/21
A33 (VOLUME PROVER DOUBLE BURETT 5-25GPM) +/- .19% RD k=2 FOR FLOWRATE TRACE# 1446135470,1453296155	DUE	01/31/21

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/NCIS-7-540.3, and/or MIL-STD-45662A. Test methods: API2530-92 & ASME MFC-3M-1989

Dick Munns Company • 11133 Winners Circle • 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 _____

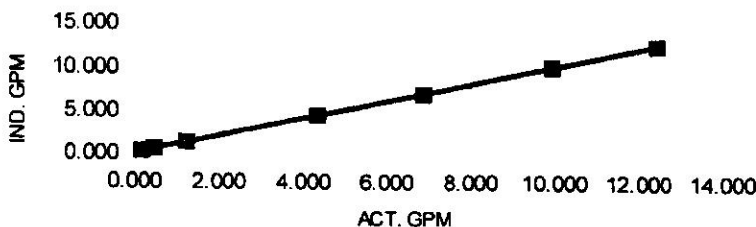
Approved By _____

Calibration Technician _____

CERTIFICATE OF CALIBRATION

CUSTOMER:	I TOUCH FAUCETS	CALIBRATION DATE:	06/16/20
PO NUMBER:	N/A	CALIBRATION DUE:	06/16/21
INST. MANUFACTURER:	DLJ METER	PROCEDURE:	NAVAIR17-20MG,NIST250
INST. DESCRIPTION:	P.D. METER	CALIBRATION FLUID:	H2O @ 70°F
MODEL NUMBER:	DLJSJ50	ARRIVAL CONDITIONS:	WITHIN MFG. SPEC.
SERIAL NUMBER:	08 002058	RETURNED CONDITIONS:	WITHIN MFG. SPEC.
RATED UNCERTAINTY:	+/- 1.5 % RD	AMBIENT CONDITIONS:	761mmHGA 58%RH 72°F
UNCERTAINTY GIVEN:	TOTAL measurement uncertainty +/- .152 RD K=2	CERTIFICATE FILE #:	499127.2020
NOTES:			

TEST POINT NUMBER	UUT	DM.STD.	INDICATED	ACTUAL	ACTUAL
	INDICATED	ACTUAL	UUT	DM.STD.	RD
	TOTAL GAL.	TOTAL GAL.	GPM	GPM	% ERROR
1	2.0	1.9881	0.168	0.167	-0.595
2	2.0	1.9872	0.468	0.465	-0.641
3	4.0	3.9677	1.240	1.230	-0.806
4	4.0	3.9674	4.379	4.343	-0.815
5	10.0	9.9422	6.918	6.878	-0.578
6	10.0	9.9143	10.033	9.947	-0.857
7	15.0	14.8554	12.556	12.435	-0.964
8	15.0	14.8909	14.436	14.331	-0.727
9	20.0	19.8197	18.306	18.141	-0.901
10	20.0	19.8275	20.526	20.349	-0.862



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Date: _____ Approved By: _____ Calibration Technician: _____