

26 Feb 2009 FAM SPRING

SECTION LO1 1PM Thurs

## DP METER CALIBRATION

LAB STATION	PSI as a function of mA	Initials
1	$P(\text{psi}) = 0.2349(I) - 1.0966$	JA
2	$P(\text{psi}) = 2.2966(I) - 9.0708$	CW
3	$P(\text{psi}) = .2365 I(\text{mA}) - 1.028$	JL
4	$PSI = 0.2294 \text{ MA} - 0.9776$	KW
5	$P = .2471 \text{ mA} - .8264$	JM
6	$P = .233 \text{ mA} - .935$	TST
7	$P = 0.0769 \text{ mA} - 0.3129$	TD
8	$P = 0.235(\text{mA}) - 0.9425$	K.R.W.

26 FEB 2009 FAN

SPRING

SECTION LO1

1 PM THURS

## ROTAMETER CALIBRATION

LAB STATION	Q (gpm) as a function of R (%)	INITIALS
1	$Q = 0.0509(R\%) - 0.0861$	JG
2	$Q (\text{gal}/\text{min}) = 0.0495 \times R(\%) - 0.052$	CW
3	$0.0493 R(\%) - 0.957$	PMH
4	$Q = 0.50 R(\%) - 0.034$	KEW
5	$Q = .0498 \cdot R\% - .1021$	JM
6	$Q = .0501 \times R\% - .1094$	TST
7	$Q = 0.0512x - 0.0929$	TD
8	$Q = 0.0495(\%) - 0.0741$	KRW

26 FEB 2009 AM

SPRING

SECTION 401

1PM Thurs

ORIFICE CALIBRATION

LAB STATION	Q (gpm) as a function of (mA) I	Initials
1	$Q = -0.0429(\text{psi})^2 + 0.7016(\text{psi}) + 0.6367$	JA
2	$Q = 0.3018(P) \text{ psi} + 1.0399$	CW
3	$2.3214 \Delta P(\text{psi}) - 1.9817$	PH
4	$Q = 0.35 \text{ MA} + 0.943$	Kew
5	$Q = .3045 \text{ mA} + 1.0314$	JM
6	$Q = .4879 \text{ mA} + .7307$	TST
7	$Q = -0.0466x^2 + 0.7358x + 0.5392$ $x = \text{psi}$	TD
8	$-0.0052(\text{mA})^2 + 0.244(\text{mA}) - 0.3264$	KRW

CM 3215  
LABORATORY  
DR. FAITH MORRISON

100 sheets • 200 pages  
9.75 x 7.5 in / 24.7 x 19.0 cm  
wide ruled

no boundaries