29 Sept 09 PAM

SECTION L01 9AM TUES

ORIFICE CALIBRATION

LAB STATION	Q(gpm) as a function of pressure (psi)	Initials
1	$Q(gpm) = -.0257(PSI)^2 + .5409 Psi + .752$	BD
2		
3	$Q = 2.120(\Delta P PSI) - 0.851$	BK
4	$Q(gpm) = 0.0777\ I(mA) + 1.0137$	JF
5	$Q(gpm) = -.0235(Psi)^2 + .5013(Psi) + .7739$	MJC
6	$Q(gpm) = .3169\ P(PSI) + 1.0171$	KRM
7	$Q(gpm) = .3908(psi) + .6123$	CAS
8	$Q(gpm) = 2.3951(P_{psi}) - 2.0992$	AJ

29 Sept 09 PAM

SECTION C02 IPM TUES

ORIFICE CALIBRATION

LAB STATION	Q (gpm) as a function of ΔP (psi)	INITIALS
1	$Q(gpm) = 0.3243\ \Delta P(psi) + 0.9806$	SoD JD
2	$Q(gpm) = -0.0272\ \Delta P^2_{(psi)} + 0.5526\ \Delta P(psi) + 0.5278$	DR
3	$Q_{(GPM)} = -0.0216\ \Delta P^2(psi) + 0.5336\ \Delta P(psi) + 0.613$	ML (PAM)
4	$Q(gpm) = 0.3192 \Delta P(psi) + 0.8986$	JB
5	$Q(gpm) = -0.018 \Delta P(psi)^2 + 0.4575\ \Delta P(psi) + 0.18629$	QMP
6	$Q(gpm) = -0.0453(psi)^2 + 0.7139(psi) + .6534$	
7	$Q(gpm) = -.0365(\Delta P_{psi})^2 + .6749(\Delta P_{psi}) + .5589$	MP
8	$Q(gpm) = .4431(\Delta P) + .8014$	KWH

29 Sept 09 FAM

SECTION 103 3PM NES

ORIFICE CALIBRATION

LAB STATION	Q(gpm) as a function of ΔP(psi)	INITIALS
1		
2	$Q(gpm) = -0.029\,\Delta P_{orifice}^{2}(psi) - 0.60\,\Delta P_{orifice}(psi) + 0.63$	JCR
3	~~$Q = -0.0216\Delta P^{2}(psi) + 0.5536\,P(psi) + 0.613$~~ $Q(gpm) = -0.028\,P^{2}(psi) + 0.5567\,P(psi) + 1.0011$	~~MC~~ SLP (FAM)
4	$Q(gpm) = .2752 \cdot \Delta P(psig) + 1.168$	NB RW
5		
6	~~0.5305 x 2.1429~~ $Q(gpm) = -0.0286\,P^{2}(psi) + 0.5546\,P(psi) + 0.7072$	SAM DE
7		
8		

1 OCT 09 BC

SECTION LO4 10AM THRS

ORIFICE CALIBRATION

LAB STATION	Q(gpm) as a function of ΔP(psi)	INITIALS
1	$Q(gpm) = 0.3585\Delta P(psi) + 0.8673$	DK
2	$Q = 13781(\Delta P) + 0.7555$	RJG
3	$Q = 0.4016 \cdot \Delta P(psi) + 1.1375$	JM
4	$Flow\ Rate(gpm) = .2346(\Delta P) + 1.3576$	LB
5	$Q = .6929x^2 + .6959x - .1518$	SW
6	$Q = 0.3094\left(\frac{\Delta P}{psi}\right) + 0.9838$	JF
7	$Q = 0.419(\Delta P) + 0.7156$	RS
8	$Q = -.0344(\Delta P)^2 + .5469(\Delta P) + .623$	AM

#1

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