

High-Volume TSP Sampler
5-Point Calibration Record

Location : A1, Yuet Wu Villa (24 hr Monitoring)
 Calibrated by : P.F. Yeung
 Date : 4/07/08

Sampler

Model : GMWS-2310 ACCU-VOL
 Serial Number : S/N 0890

Calibration Orifice and Standard Calibration Relationship

Serial Number : CM-A1R-43
 Service Date : 2 July 2007
 Slope (m) : 0.057452
 Intercept (b) : -0.026137
 Correlation Coefficient(r) : 0.999910

Standard Condition

Pstd (hpa) : 1013
 Tstd (K) : 298.18

Calibration Condition

Pa (hpa) : 1012
 Ta(K) : 302

Zero Error of Sampler Flow Rate Indication ...

IO : 0.0

Resistance Plate	dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC (indicated flow)	Y
1 18 holes	9.3	3.104	1.512	54	55.0
2 13 holes	7.5	2.788	1.359	49	49.9
3 10 holes	5.7	2.430	1.186	42	42.8
4 7 holes	3.6	1.931	0.945	34	34.6
5 5 holes	2.1	1.475	0.724	26	26.5

Sampler Calibration Relationship

Slope(m): 36.327 Intercept(b): 0.1381 Correlation Coefficient(r): 0.9963

Checked by: Magnum Fan Date: 5/07/08