

# Intertek Testing Services NA Inc.

Middleton, Wisconsin

Calibration Date: 4/28/2016 Next Calibration Due: 10/28/2016

Calibrated By: BZ Reviewed By: KS

Meter Number 189157 Inventory Number: 1414

Reference: Dry Gas Meter # 1268 Cal Factor: 1.007 Last Cal. Date 12/30/2015

Cal. Due Date: 6/30/2016

Baro: 28.92 in. Hg

Ambient Temp: 68.1 F

UUT Correction Factor 0.9852

## Trial 1

Unit Under Test		Reference Meter	
Time	Flow (scfm) Indicated	DGM Volume	Meter Temp (F)
0	0.2484644	980.115	65.1
1	0.2483258	981.365	65.3
2	0.2482965	(end timing at time in B23)	
3	0.2482767	Volume	1.25 ft <sup>3</sup>
4	0.2481932	Corrected	1.223 Std ft <sup>3</sup>
5	0.2482698	Flow Rate	0.245 SCFM
Average	0.2483 SCFM	Correction Factor:	0.985
		Deviation	0.0037 %
			1.5%

## Trial 2

Time	Flow (scfm) Indicated	DGM Volume	Meter Temp (F)
0	0.2514677	970.273	65.7
1	0.2517982	971.55	65.6
2	0.252282		
3	0.2526159	Volume	1.277 ft <sup>3</sup>
4	0.2529516	Corrected	1.249 Std ft <sup>3</sup>
5	0.2532641	Flow Rate	0.250 SCFM
Average	0.2524 SCFM	Correction Factor:	0.989
		Deviation	0.0027 %
			1.1%

## Trial 3

Time	Flow (scfm) Indicated	DGM Volume	Meter Temp (F)
0	0.2501894	971.8	65.6
1	0.2505087	973.065	65.4
2	0.2507575		
3	0.2510424	Volume	1.265 ft <sup>3</sup>
4	0.2512344	Corrected	1.237 Std ft <sup>3</sup>
5	0.2515158	Flow Rate	0.247 SCFM
Average	0.2509 SCFM	Correction Factor:	0.986
		Deviation	0.0034 %
			1.4%

## Trial 4

Time	Flow (scfm) Indicated	DGM Volume	Meter Temp (F)
0	0.1822942	973.29	65.4
1	0.1825679	974.21	65.5
2	0.1827134		
3	0.1829372	Volume	0.92 ft <sup>3</sup>
4	0.1831266	Corrected	0.900 Std ft <sup>3</sup>
5	0.1833125	Flow Rate	0.180 SCFM
Average	0.1828 SCFM	Correction Factor:	0.984
		Deviation	0.0029 %
			1.6%

## Trial 5

Flow (scfm)	
Time	Indicated
0	0.1833125
1	0.1834089
2	0.1835053
3	0.1835974
4	0.1837722
5	0.1837911
Average	0.1836 SCFM

	DGM Volume	Meter Temp (F)
Start	974.21	65.5
End	975.135	65.4

Volume 0.925 ft<sup>3</sup>  
Corrected 0.905 Stnd ft<sup>3</sup>

Flow Rate 0.181 SCFM  
Correction Factor: 0.986  
Deviation 0.0026 % 1.4%

## Trial 6

Flow (scfm)	
Time	Indicated
0	0.1837911
1	0.1838849
2	0.1838832
3	0.1840235
4	0.1840691
5	0.1841673
Average	0.1840 SCFM

	DGM Volume	Meter Temp (F)
Start	975.135	65.4
End	976.064	65.2

Volume 0.929 ft<sup>3</sup>  
Corrected 0.909 Stnd ft<sup>3</sup>

Flow Rate 0.182 SCFM  
Correction Factor: 0.988  
Deviation 0.0022 % 1.2%

## Trial 7

Flow (scfm)	
Time	Indicated
0	0.1226798
1	0.1227762
2	0.1228683
3	0.1229569
4	0.1230576
5	0.1231076
Average	0.1229 SCFM

	DGM Volume	Meter Temp (F)
Start	976.197	65.3
End	976.814	65.1

Volume 0.617 ft<sup>3</sup>  
Corrected 0.604 Stnd ft<sup>3</sup>

Flow Rate 0.121 SCFM  
Correction Factor: 0.982  
Deviation 0.0022 % 1.8%

## Trial 8

Flow (scfm)	
Time	Indicated
0	0.1236327
1	0.1237222
2	0.1237067
3	0.1237248
4	0.1237807
5	0.1238289
Average	0.1237 SCFM

	DGM Volume	Meter Temp (F)
Start	978.182	65
End	978.805	65.1

Volume 0.623 ft<sup>3</sup>  
Corrected 0.610 Stnd ft<sup>3</sup>

Flow Rate 0.122 SCFM  
Correction Factor: 0.986  
Deviation 0.0018 % 1.5%

## Trial 9

Flow (scfm)	
Time	Indicated
0	0.1238289
1	0.1238246
2	0.1238255
3	0.1238255
4	0.1238255
5	0.1238272
Average	0.1238 SCFM

	DGM Volume	Meter Temp (F)
Start	978.805	65.1
End	979.425	65.1

Volume 0.62 ft<sup>3</sup>  
Corrected 0.607 Stnd ft<sup>3</sup>

Flow Rate 0.121 SCFM  
Correction Factor: 0.980  
Deviation 0.0025 % 2.0%