



Metering Flow... Naturally!

ACCURACY SUBSTANTIATION FOR STATIC TAP UNIVERSAL VENTURI TUBES						
NO.	TUBE SIZE ACTUAL ID	BETA RATIO	CALIBRATION			
			WHERE	HOW	'C'	DEVIATION %
1	6.000	0.3172	BIF	VT	0.9770	-0.28
2	5.998	0.6000	ALDEN NEW	WT	0.9782	-0.15
3	6.000	0.7500	BIF	VT	0.9790	-0.07
4	6.052	0.5946	BIF	VT	0.9775	-0.22
5	8.046	0.3169	BIF	VT	0.9784	-0.13
6	5.995	0.6002	ALDEN OLD	WT	0.9816	+0.19
7	10.022	0.5785	BIF	VT	0.9799	+0.02
8	5.980	0.6019	BIF	VT	0.9827	+0.30
9	4.003	0.4494	BIF	VT	0.9812	+0.15
10	4.003	0.4494	BIF	VT	0.9822	+0.26
11	10.065	0.4769	ALDEN OLD	WT	0.9833	+0.37
12	19.545	0.5935	ALDEN OLD	WT	0.9810	+0.13
13	19.973	0.5087	ALDEN OLD	WT	0.9807	+0.10
14	15.968	0.6356	ALDEN OLD	WT	0.9771	-0.27
15	29.937	0.5812	ALDEN OLD	UVT	0.9752	-0.46
16	24.000	0.4832	ALDEN OLD	UVT	0.9784	-0.13
17	16.066	0.6316	ALDEN OLD	WT	0.9790	-0.07
18	13.645	0.4619	ALDEN OLD	WT	0.9842	+0.46
19	36.145	0.4806	ALDEN OLD	WT	0.9790	-0.07
20	15.9556	0.1882	BIF	VT	0.9803	+0.06
21	29.937	0.2496	ALDEN OLD	UVT	0.9823	+0.27
22	42.590	0.4438	ALDEN OLD	UVT	0.9756	-0.42
23	36.025	0.6041	ALDEN OLD	WT	0.9810	+0.13
24	8.001	0.6000	BIF	VT	0.9775	-0.23
25	12.000	0.6039	ALDEN OLD	WT	0.9836	+0.40
26	4.009	0.5982	ALDEN OLD	WT	0.9751	-0.47
27	11.938	0.6070	ALDEN OLD	WT	0.9795	-0.02
28	11.9278	0.7300	ALDEN OLD	WT	0.9829	+0.33
29	23.760	0.6102	ALDEN OLD	WT	0.9771	-0.27
30	29.780	0.7302	ALDEN OLD	UVT	0.9780	-0.17
31	30.000	0.5803	ALDEN NEW	WT	0.9763	-0.35
32	36.000	0.6041	ALDEN OLD	UVT	0.9814	+0.17
33	48.018	0.4530	ALDEN OLD	UVT	0.9771	-0.27
34	47.936	0.4537	ALDEN OLD	UVT	0.9811	+0.14
35	48.000	0.4531	ALDEN OLD	UVT	0.9773	-0.25
36	24.000	0.7250	ALDEN NEW	WT	0.9800	+0.03
37	3.0005	0.4829	BIF	WT	0.9780	-0.17
38	15.938	0.6369	ALDEN NEW	WT	0.9837	+0.41
39	29.985	0.7254	ALDEN OLD	UVT	0.9810	+0.13
40	42.000	0.6214	ALDEN OLD	UVT	0.9772	-0.26
41	47.790	0.7282	ALDEN OLD	UVT	0.9746	-0.52
42	11.985	0.4837	BIF	VT	0.9768	-0.30

ALDEN NEW = Building No. 1

ALDEN OLD = Building No. 2

WT = WEIGH TANK

VT = VENTURI WHEN AT ALDEN, VOLUME TANK WHEN AT BIF

UVT = UNIVERSAL VENTURI TUBE IN PERMANENT INSTALLATION

STANDARD 'C' = 0.9797

2 X STANDARD DEVIATION = 0.5%

ACCURACY GUARANTEE = ±0.5%

J.M. MOTTA.
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