

file name: 94100245

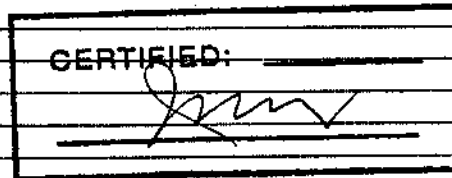
sized: 11/21/1994

meter identification: 94100245 tag:
 application customer: ARGONNE LABS
 V-Cone model number: V000A-44

fluid: Water/water comments: _____

fluid boiling point: 671.800 R

Operating Conditions:
 temperature: 75.000 F
 pressure: 150.000 psiG
 fluid mass: 62.098#/ft3
 viscosity: 0.834 cP
 Z-factor: 0.003



Meter Specifications:
 inside diameter: 0.438in
 cone diameter: 0.299in
 beta ratio: 0.7307
 Fa: 1.0001

turndown: 10.0 to 1 Cf: 0.7620
 - Cf is linear to flowrate -

FLOWRATE (GPM)	DIFF-PRESS (inWC)	VELOCITY (f/s)	REYNOLDS NUMBER	COEFFICIENT OF FLOW
4.0002	58.097	8.52	34394.	0.76200
3.4512	43.246	7.35	29675.	0.76200
3.1964	37.095	6.80	27483.	0.76200
2.9861	32.375	6.36	25675.	0.76200
2.7966	28.396	5.95	24046.	0.76200
2.6183	24.890	5.57	22512.	0.76200
2.4459	21.721	5.21	21030.	0.76200
2.2759	18.806	4.85	19569.	0.76200
2.1053	16.093	4.48	18102.	0.76200
1.9315	13.545	4.11	16607.	0.76200
1.7513	11.135	3.73	15058.	0.76200
1.5606	8.8431	3.32	13419.	0.76200
1.3537	6.6530	2.88	11639.	0.76200
1.1198	4.5524	2.38	9627.9	0.76200
0.83495	2.5312	1.78	7179.1	0.76200
0.40000	0.58092	0.852	3439.3	0.76200

sized by Carey G. Fisher, 11/21/94 approval: _____