

file name:94102213

sized:12/21/1994

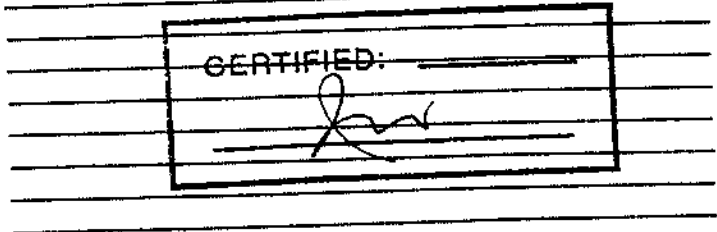
meter identification: 94102213 tag:
 application customer: ARGONNE LABS
 V-Cone model number: V000B-44

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: 0.656in
 cone diameter: 0.419in
 beta ratio: 0.7694
 Fa: 1.0001

turndown: 10.0 to 1 Cf: 0.7740
 - Cf is linear to flowrate -

FLOWRATE (GPM)	DIFF-PRESS (inWC)	VELOCITY (f/s)	REYNOLDS NUMBER	COEFFICIENT OF FLOW
10.000	51.695	9.49	57410.	0.77400
8.6279	38.481	8.19	49532.	0.77400
7.9908	33.007	7.58	45874.	0.77400
7.4651	28.807	7.08	42856.	0.77400
6.9913	25.267	6.64	40136.	0.77400
6.5455	22.147	6.21	37577.	0.77400
6.1146	19.327	5.80	35103.	0.77400
5.6896	16.734	5.40	32663.	0.77400
5.2632	14.320	5.00	30216.	0.77400
4.8286	12.053	4.58	27721.	0.77400
4.3781	9.9083	4.16	25134.	0.77400
3.9015	7.8687	3.70	22398.	0.77400
3.3841	5.9199	3.21	19428.	0.77400
2.7993	4.0508	2.66	16071.	0.77400
2.0873	2.2523	1.98	11983.	0.77400
0.99997	0.51691	0.949	5740.8	0.77400

sized by: Carol Fisher, 12/21/94 approval: _____