

Appendix C1

Flow Meter Calibration Datasheets

Production Flow Facility Calibration Data

Ave. Miguel de Cervantes 111, Complejo Industrial Chihuahua, Chihuahua, Mexico 31100

Model number: 8705PHA120C1W0N0DT

Calibration Date: Aug 07, 2009

Serial Number: 870176848

Calibration Number: 1139505211101005

Trace Number: 364334401

Transmitter: 8712D

Sales Order: 2384973

Customer Tag: SO 1015736BC

Run #	Flow rate % FS ¹	Velocity ft/s	Velocity m/s	Flow rate US gpm	Flow rate m ³ /hr	Deviation % rate
1	102.7%	10.3	3.13	3,621	822.5	-0.06%
2	102.7%	10.3	3.13	3,621	822.4	-0.12%
3	102.6%	10.3	3.13	3,617	821.4	-0.02%
4	33.3%	3.3	1.02	1,176	267.0	-0.25%
5	33.1%	3.3	1.01	1,166	264.7	-0.17%
6	32.8%	3.3	1.00	1,157	262.8	-0.17%
7	12.1%	1.2	0.37	426	96.7	-0.05%
8	12.1%	1.2	0.37	425	96.6	-0.08%
9	12.1%	1.2	0.37	425	96.6	-0.07%

Calibration conditions:

Water temperature = 83.9 °F (28.8 °C) Water conductivity > 200 µMho
¹100% flow rate = 10 ft/sec (3.05 m/s) in schedule 40 pipe.

Measuring and test equipment used in the manufacture and inspection of the above flowmeter are directly traceable to the National Institute of Standards and Technology to meet the intent of