



VeriMaster - Flow Meter Verification Report

Customer Information		Meter Information	
Customer	Castle Environmental	Meter Owner	Discharge Flowmeter
Verification Download	30 Jun 2016	Meter Type	WaterMaster
		Sensor Size	DN80
		Pipe Status	Fluid Present
		Sensor Type	Fullbore
		Sensor Serial No	3K220000320932
		Transmitter Serial No	3K220000320932
		Tag	DISCHARGE FLOW
		Location	?

Overall Status: Pass

The flowmeter has passed its internal continuous verification and automatic self calibration. It is working within +/-1% of its original factory calibration

Summary of Results		Verification History	
Coil Group	Passed	OIML Accuracy Alarms	0
Electrode Group	Passed	Totaliser Information	
Sensor Group	Passed		
Transmitter Signal	Passed		
Transmitter Driver	Passed		
Output Group	Passed	Forward	6.50 m3
Configuration	Passed	Reverse	0.00 m3
		Net	6.50 m3
Sensor Information		Sensor Data	
Q3	44.44 l/s	Coil Current	179.9 mA
Calibration Accuracy	OIML Class 2	Coil Inductance	36.0 mH
Sensor Calibration Factors	147.4%; -0.47 mm/s; 11	Coil Inductance Shift	0.1%
Date of Manufacture	24 Sept 2015	Coil / Loop Resistance	29.5 ohm
Run Hours	0days 2hrs 10mins	Transmitter Data	
Transmitter Information		Tx Gain - Adjustment	-0.0%
		VeriMaster Information	
		Version	01.00.03
		Limit Version	01.00.01
Current Output		Pulse Output	
4mA Value	Pass : 4.000 mA ; 0.00%	Output 1: 10.0Hz	Not tested
12mA Value	Pass : 12.000 mA ; 0.00%	Output 1: 5.0Hz	Not tested
20mA Value	Pass : 20.000 mA ; 0.00%	Output 2: 10.0Hz	Not tested
		Output 2: 5.0Hz	Not tested

Installation Comments / Equipment used:	Configuration Settings
Calibrated into SM500 Chart Recorder	Mains Frequency 50 Hz
	Qmax 10.00 l/s
	Pulses/Unit 1.000000
	Pulses Limit Frequency 10.0 Hz
	Sensor User Span/Zero 100.0%; 0.00 mm/s
	User Flow Cutoff/Hysteresis 1.00%; 20%
	Meter Mode Forward Flow

Date 30 Jun 2016

Operator Signature

Print Paul Bick

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