


MagFlux® Verification Sheet

1	Date / Time	/
2	Verification performed by	
3	Customer	
4	Contact person	
5	Installation site address	
6	Sensor part no. / DN serial no. cal. code	/
7	Converter part no. serial no.	
8	Totalizer	
9	Current flow	


Enter check marks in the “Yes” or “No” check boxes as seen appropriate, and finish with a check mark in the third column to ensure and visualize that all questions have been investigated and answered. Any “No”-answer must be noted and explained in the “Comments / recommendations” frame on page 3.

Sensor Installation Checks

		Yes	No	
10	Is the sensor installed correctly according to the instructions in the Installation and User Manual?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Has the sensor been earthed correctly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Does the pipe work allow the sensor to be always full?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Is the sensor sized correctly for the application? Nominal velocity: _____ (more than 0,5 m/s / 0.6 ft./s.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Is the flow sensor centred on the pipe?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Are all bolts fitted and evenly tensioned?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


Flow Sensor Checks

Important: Disconnect the L1 and L2 coil wires before proceeding with checks 16 - 20 incl.

		Yes	No	
16	Check insulation integrity of L1 coil circuit: _____ MΩ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Check insulation integrity of L2 coil circuit: _____ MΩ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Check coil resistance and integrity between L1 and L2 with a multimeter: _____ Ω	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Check contact between electrodes and liquid.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	E1 to earth: _____ MΩ, E2 to earth: _____ MΩ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Is the specified signal cable used between sensor and converter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Are all connections correct and tight?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Re-connect the coil wires.

System Checks

		Yes	No	
21	Correct power supply voltage? _____ V AC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Confirm correct sensor calibration code (For units produced prior to February 1, 2007: Sensor No.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Sensor Calibration Code: _____			
23	Check the 4 - 20 mA output	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4 mA: _____ , 12 mA: _____ , 20 mA: _____			
24	Is the noise acceptable? _____ % (must be less than 5%)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

MagFlux Converter Setup



25	Minimum flow		<input type="checkbox"/>
26	Averaging		<input type="checkbox"/>
27	Unit		<input type="checkbox"/>
28	mA output (direction/20mA)	/	<input type="checkbox"/>
29	Digital output DO1	Function: _____ Electronic relay unit: _____ On-time: _____ Setting: _____	<input type="checkbox"/>
30	Digital output DO2	Function: _____ Mechanical relay unit: _____ On-time: _____ Setting: _____	<input type="checkbox"/>
31	Digital input DI	Function: _____	<input type="checkbox"/>

Comments / recommendations

Checked by: (in capital letters)	Signed:
Date	Next check

This document is intended to report the installation, performance and correct operation of the MagFlux flow meter. During the comprehensive tests the flow meter's integrity can be verified.

Customers are reminded that a flow meter cannot be calibrated whilst a meter is in service. An actual calibration of a flowmeter can only be done at a certified calibration facility.