



FLOWMETER - MAGNETIC DATA SHEET

DATA SHEET No. 1 OF 2	
SPEC. No.	25 31 01
Prj No.	111216000
REQ.	P.O.

PLANT: North End Sewage Treatment Plant	REV	DESCRIPTION	DATE	BY	CHK'D	APPR.
	3	Issued for Addendum 4	20160405	DR	AM	DR
LOCATION : Winnipeg, MB	2	Issued for Tender	20160301	SAL	DR	DR
	1	Issued for 95% Review	2E+07	SAL	DR	DR

1 TAG NO. : SEE SHEET 2	VENDOR :
2 SERVICE : SEE SHEET 2	MANUFACTURER : Siemens

General	
3 Description	<input type="checkbox"/> Recorder <input type="checkbox"/> Indicator <input type="checkbox"/> Blind <input type="checkbox"/> Controller <input checked="" type="checkbox"/> Transmitter <input type="checkbox"/> Integ Other _____
4 Case	<input checked="" type="checkbox"/> Mfr.Std Nominal Size _____ (mm) Colour: _____ <input type="checkbox"/> Mfr.Std Other _____
5 Mounting	<input checked="" type="checkbox"/> Flush <input type="checkbox"/> Surface <input type="checkbox"/> Yoke Other _____
6 Enclosure Class	<input type="checkbox"/> Gen.Purp <input type="checkbox"/> Weath.Prf <input type="checkbox"/> Exp.Proof Class <u>C1 Z2 Grps ABCD</u> <input type="checkbox"/> IS System Other _____
7 Power Supply	<input type="checkbox"/> 120V 60Hz <input type="checkbox"/> Other <input type="checkbox"/> AC <input checked="" type="checkbox"/> DC Volts <u>24VDC</u>
8 Chart Type	<input type="checkbox"/> Strip <input type="checkbox"/> Roll <input type="checkbox"/> Fold <input type="checkbox"/> 12" Circular <input type="checkbox"/> Time Marks Range _____ No. _____
9 Chart Drive	<input type="checkbox"/> Spring <input type="checkbox"/> Electric <input type="checkbox"/> Pneumatic Chart Speed _____
10 Scales	Wind _____ Power _____ Air Pressure _____ (kPa) Type _____ Range 1 _____ 2 _____ 3 _____ 4 _____
11 CSA Approved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> NO

Transmitter	
12 Transmitter Output	<input checked="" type="checkbox"/> 4 - 20 mA <input type="checkbox"/> 10 - 50 mA <input type="checkbox"/> 20 - 100 kPa (3 - 15 psig) Other _____ For Receiver See Spec. Sheet _____

Controller	
13 Control Modes	P=Prop (Gain), I=Integral (Auto Reset), D=Derivative (Rate), Sub: S=Slow F=Fast <input type="checkbox"/> P <input type="checkbox"/> PI <input type="checkbox"/> PD <input type="checkbox"/> IF <input type="checkbox"/> DF <input type="checkbox"/> DS Other _____
14 Action	On Measurement Increase Output: <input type="checkbox"/> Increases <input type="checkbox"/> Decreases
15 Auto-Man Switch	No. Positions _____ <input type="checkbox"/> External <input type="checkbox"/> Internal <input type="checkbox"/> Integral <input type="checkbox"/> Bumpless <input type="checkbox"/> Balance Gauge
16 Set Point Adj.	<input type="checkbox"/> Manual <input type="checkbox"/> Extnal <input type="checkbox"/> Remote Other _____
17 Manual Regulator	<input type="checkbox"/> None <input type="checkbox"/> Mfr Std Other _____
18 Output	<input type="checkbox"/> 4 - 20 mA <input type="checkbox"/> 10 - 50 mA <input type="checkbox"/> 20 - 100 kPa (3 - 15 psig) Other _____

Differential Unit	
19 Service	<input checked="" type="checkbox"/> Flow <input type="checkbox"/> Level <input type="checkbox"/> Diff. Pressure Other _____
20 Element Type	<input type="checkbox"/> Diaphragm <input type="checkbox"/> Bellows <input type="checkbox"/> Mercury Other _____
21 Material	Body _____ Element _____ Drain/Vent _____
22 Rating	Body Rating _____ (kPa) Overrange _____ (kPa)
23 Diff. Range	<input type="checkbox"/> Fixed Adj. Range _____ (kPa) Calibrated Range _____ (kPa) Elevation _____ Suppression _____
24 Process Data	Fluid _____ Flow Unit _____ Flow Normal _____ Full Scale _____ Max. Pressure _____ (psig) Max. Temperature _____ (deg. F)
25 Process Conn.	<input type="checkbox"/> 1/2" NPT Other _____

Accessories	
26 Alarm Switches	Quant. _____ Form _____ Rating _____
27 Function	<input type="checkbox"/> Meas.Var. <input type="checkbox"/> Deviation On Measurement Increase Contacts: <input type="checkbox"/> Open <input type="checkbox"/> Close
28 Options	<input type="checkbox"/> Pressure Element Range _____ (kPa) Material _____ <input type="checkbox"/> Temp. Element Range _____ (deg. C) Type _____ <input type="checkbox"/> Filt.-Reg. <input type="checkbox"/> Supply Gauge <input type="checkbox"/> Output Gauge <input type="checkbox"/> Chart & Inkset <input type="checkbox"/> Valve Manifold <input type="checkbox"/> Cond. Pots <input type="checkbox"/> Adj. Damper <input type="checkbox"/> Integral Sq.Rt. Ext. <input type="checkbox"/> Integrator <input type="checkbox"/> Mounting Yoke Other _____

Notes :



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DATA SHEET No.	2 OF 2
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	3	Issued for Addendum 4	20160405	DR	AM	DR
	LOCATION : Winnipeg, MB					
	2	Issued for Tender	20160301	SAL	DR	DR
	1	Issued for 95% Review	20160127	SAL	DR	DR
TAG NO. : SEE SHEET 1		VENDOR : SEE SHEET 1				
SERVICE : SEE SHEET 1		MANUFACTURER : SEE SHEET 1				

Rev.	Tag No.	P&ID No.	Operating Flow (litres/sec)	Calibrated Range (litres/sec)	Model No.	SOUR Service	SERVICE	Notes
		Meter Size	FLUID					
2	X151-FIT	I-0101X-A0009-001		0-200		Y	Leachate	
		200	Leachate					
2	X113-FIT	I-0101Y-A0001-001		0-50		N	Water	
		75	Water					

NOTES :

SEE SHEET 1