



Certificate No.	10763
Work Order:	23-542-002-03
Test Date:	13-Apr-23

Applicant:	LETD Technologies
Manufacturer:	Tancy/Insight
Model:	iSonic-8-16
Serial Number:	01222120003573
Meter Id:	0.3551 (m)
Pipe Id:	0.3635 (m)
Witness:	WebEx: Don Augenstien, Paul Van Rooy
Tag/Inspection Number:	N/A
Pipe Spool S/N:	N/A
Run Configuration:	UST 12710mm, UST 4000mm, METER, DST 3332mm
Flow Conditioner:	None
Flow Conditioner S/N:	N/A
Comments:	Firing rate adjusted at 1mps test point.

	as found	as left
Pulses/m3:	250.00	250.00
Adjust Factor:	1.0000	1.0000
Qmax:	14253	m3/h
Qmin:	214	m3/h
Direction:	Unidirectional	
Meter output tested:	Frequency	

Average error	-0.05	Test Points	12
Adjusting	0.00	Tested by	A. de Klerk, J. Lambert, J.Dahlin

Before adjusting						After adjusting		
MUT Flow (m3/hr)	Ref. Flow (m3/hr)	Vel. Meter (m/s)	Vel. Pipe (m/s)	Deviation (%)	Stdev (2σ)	Deviation (%)		Verification Pt. (%)
17077.14	17063.00	47.87	45.67	0.08	0.05	0.08		
14240.06	14254.05	39.99	38.15	-0.10	0.05	-0.10		
9937.29	9942.83	27.89	26.61	-0.06	0.05	-0.06		
7163.57	7168.27	20.11	19.18	-0.07	0.05	-0.07		
5724.45	5728.27	16.07	15.33	-0.07	0.06	-0.07		
3604.18	3606.97	10.12	9.65	-0.08	0.06	-0.08		
1418.81	1420.88	3.99	3.80	-0.15	0.07	-0.15		
724.87	723.46	2.03	1.94	0.20	0.08	0.20		
549.83	547.53	1.54	1.47	0.42	0.09	0.42		
354.87	356.69	1.00	0.95	-0.51	0.10	-0.51		
PRELIMINARY DATA ONLY NOT AN OFFICIAL CERTIFICATE								
Pressure:	5882.06 (kPa)	Density:	46.01 (kg/m3)	Medium:	Natural Gas			
Temp:	20.15 (°C)	Compress:	0.8854	Site:	TCPL Str. 41			

