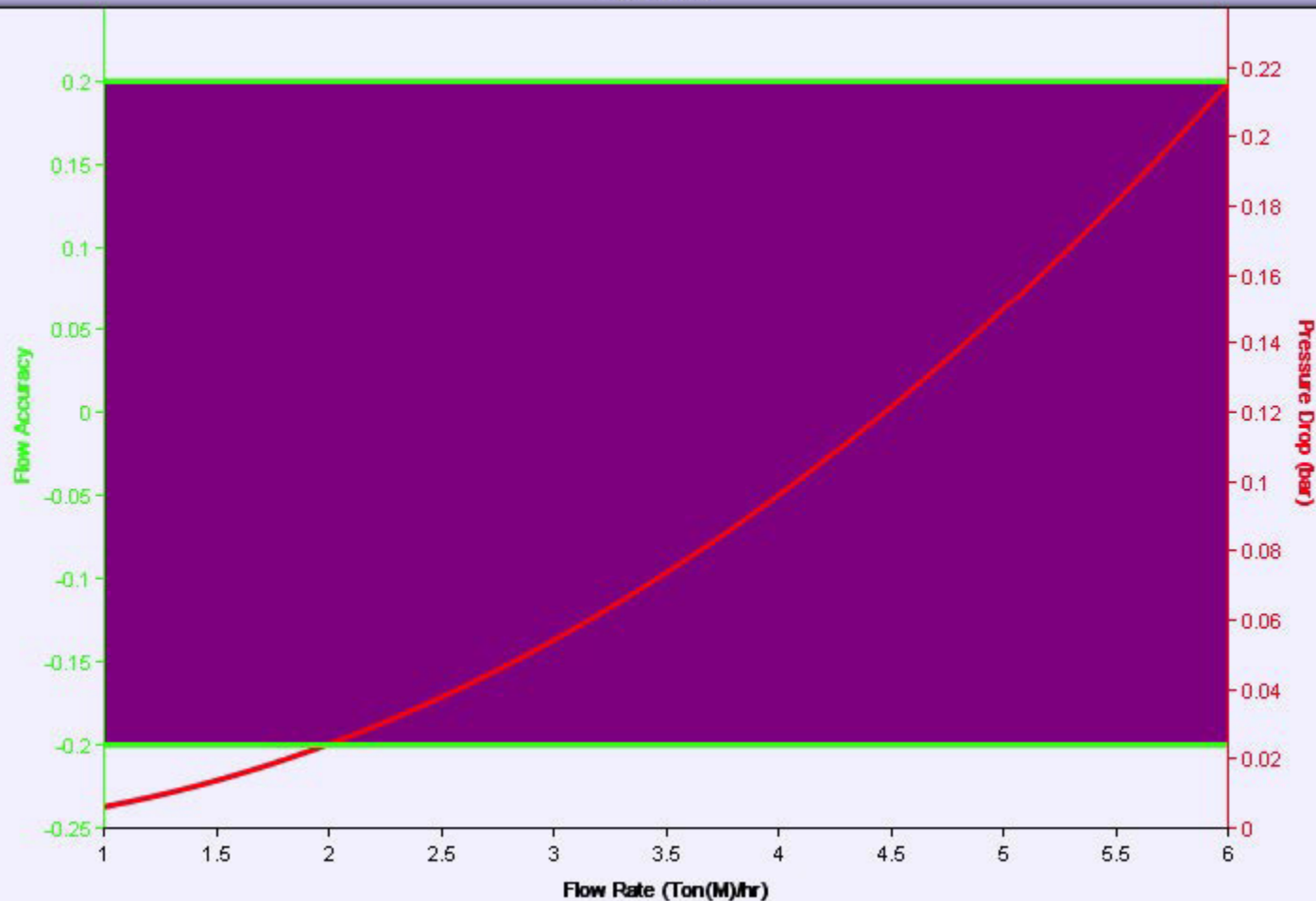


Micro Motion Calculation Summary

Date:	08.23.18				
Company:					
Project Name:					
Service:					
Sensor Model #:	F100S179CFAZEZZZ				
Sensor Tag(s):					
Transmitter Model #:	5700I12AEFAZZAZZZZ				
Transmitter Tag(s):					
Wetted Material:	316L stainless steel				
Fluid:	LPG				
Fluid State:	Liquid				
Mass Flow Accuracy at Operating Flow (+/- % of Rate):	0.20000				
Density Accuracy at all Rates (+/- %):	0.00200 kg/L				
Pressure Drop at Operating Flow:	0.09605 bar				
Sensor Minimum Pressure at operating conditions:	bar-g				
Velocity at Operating Flow:	4.76211 m/sec				
	Min	Operating*	Max	Design	Units
Flow Rate:	1,000	4,000	6,000		Ton(M)/hr
Pressure:		10,000			bar-g
Process Fluid Temperature:		20,000			C
Ambient Temperature:		20,000			C
Density:		0.550			kg/L
Viscosity:		0.010			cP
Gas only	Base Reference Temperature:	C			Density:
	Base Reference Pressure:	kPa-a			
	Base Reference Density:	kg/L			
Process Connection:	DN25 PN40 EN 1092-1 F316/F316L Weld neck flange Form B1				
Process Connection Pressure Rating:	39.990 bar-g				
@ Temperature:	20.000 C				
Flow Rate Ton(M)/hr	Mass Flow Accuracy +/- % of Rate	Pressure Drop* bar	Velocity* m/sec	Re	
6,000	0.200	0.215	7.143	6456406,637	
5,500	0.200	0.181	6.548	5918372,751	
5,000	0.200	0.150	5.953	5380338,864	
4,500	0.200	0.121	5.357	4842304,978	
4,000	0.200	0.096	4.762	4304271,091	
3,500	0.200	0.074	4.167	3766237,205	
3,000	0.200	0.054	3.572	3228203,319	
2,500	0.200	0.038	2.976	2690169,432	
2,000	0.200	0.024	2.381	2152135,546	
1,500	0.200	0.014	1.786	1614101,659	
1,000	0.200	0.006	1.191	1076067,773	
*All pressure drop and velocity results are based on the process conditions (except flow rate) that are entered in the Operating column.					
Notes:					
Prepared by:	Version: 3.0 (Build209C)		Project ID:	001-20180730-170148	
Instrument Toolkit			Application:	LPG DN25	

F100S



Coriolis detailed results						
Base Model #:		F100S				
		Min	Operating*	Max	Design	Units
Flow Rate:		0.001	1.000			Ton(M)/hr
Pressure:			10.000			bar-g
Temperature:			25.0			C
Density:			0.01292			kg/L
Viscosity:			0.02			cP
Gas only	Base Reference Temperature:	C 0.0				
	Base Reference Pressure:	kPa-a 101.325				
	Base Reference Density:	kg/L 0.00129				
Flow Rate	Ton(M)/hr	Mass Flow Accuracy +/- % of Rate		Pressure Drop* bar	Velocity* m/sec	Re
		Digital (MVD)	Analog (9700)			
1.000		0.50		0.189	50.68	582955.27
0.900		0.50		0.154	45.62	524718.04
0.800		0.50		0.123	40.55	466480.81
0.700		0.50		0.095	35.49	408243.58
0.600		0.50		0.070	30.43	350006.35
0.501		0.50		0.050	25.37	291769.12
0.401		0.50		0.032	20.30	233531.88
0.301		0.50		0.019	15.24	175294.65
0.201		0.68		0.009	10.18	117057.42
0.101		1.35		0.003	5.11	58820.19
0.001		136.08		0.000	0.05	582.96
*All pressure drop and velocity results represent the highest possible values, based on the operating simultaneously occurring conditions of flow rate, temperature, and pressure.						
Prepared by:		Version: 3.0 (Build213A)		Project ID:	001-20190716-880341	
Instrument Toolkit				Application:	AIR	