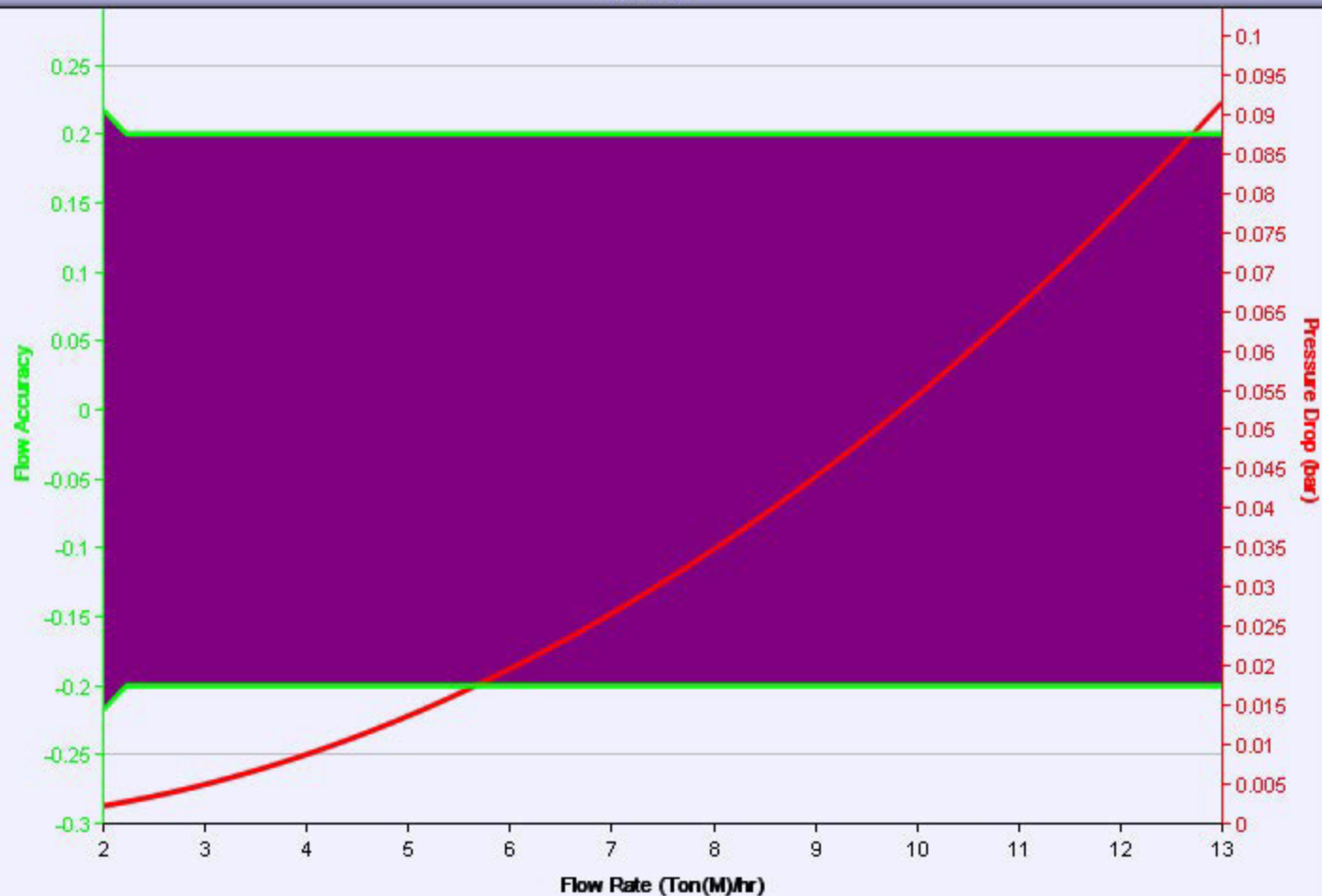


Micro Motion Calculation Summary

Date:	08.23.18				
Company:					
Project Name:					
Service:					
Sensor Model #:	F200S368CFAZEZZZ				
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:	0.03480 bar				
Sensor Minimum Pressure at operating conditions:	bar-g				
Velocity at Operating Flow:	3,56183 m/sec				
	Min	Operating*	Max	Design	Units
Flow Rate:	2,000	8,000	13,000		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:	DN40 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	
13,000	0,200	0,092	5,788	8554700,754	
11,900	0,200	0,077	5,298	7830841,459	
10,800	0,200	0,063	4,808	7106982,165	
9,700	0,200	0,051	4,319	6383122,870	
8,600	0,200	0,040	3,829	5659263,576	
8,000	0,200	0,035	3,562	5264431,233	
6,400	0,200	0,022	2,849	4211544,986	
5,300	0,200	0,015	2,360	3487685,692	
4,200	0,200	0,010	1,870	2763826,397	
3,100	0,200	0,005	1,380	2039967,103	
2,000	0,218	0,002	0,890	1316107,808	
*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 DN40	

F200S



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		