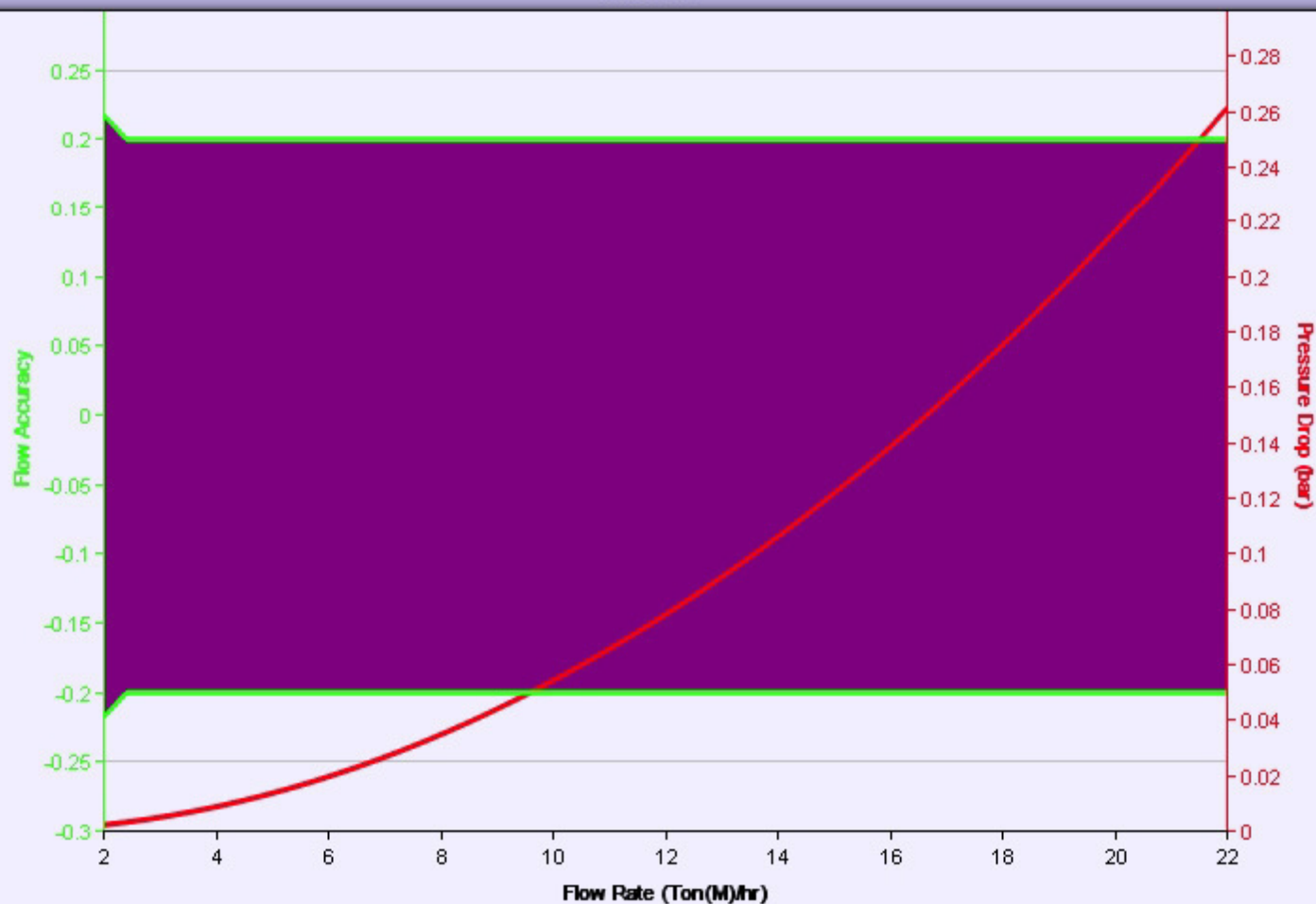


Micro Motion Calculation Summary					
Date:	08.23.18				
Company:					
Project Name:					
Service:					
Sensor Model #:	F200S369CFAZEZZZ				
Sensor Tag(s):					
Transmitter Model #:	5700I12AEFAZZAZZZZ				
Transmitter Tag(s):					
Wetted Material:	316L stainless steel				
Fluid:	LPG				
Fluid State:	Liquid				
Mass Flow Accuracy at Operating Flow (+/- % of Rate):	0.20000				
Density Accuracy at all Rates (+/-):	0.00200 kg/L				
Pressure Drop at Operating Flow:	0.13853 bar				
Sensor Minimum Pressure at operating conditions:	bar-g				
Velocity at Operating Flow:	7,12365 m/sec				
	Min	Operating*	Max	Design	Units
Flow Rate:	2,000	16,000	22,000		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:	DN50 PN40 EN 1092-1 F316/F316L Weld neck flange Type 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	
22,000	0,200	0,262	9,795	14477185,890	
20,000	0,200	0,216	8,905	13161078,080	
18,000	0,200	0,175	8,014	11844970,270	
16,000	0,200	0,139	7,124	10528862,470	
14,000	0,200	0,106	6,233	9212754,658	
12,000	0,200	0,078	5,343	7896646,850	
10,000	0,200	0,054	4,452	6580539,041	
8,000	0,200	0,035	3,562	5264431,233	
6,000	0,200	0,020	2,671	3948323,425	
4,000	0,200	0,009	1,781	2632215,617	
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 DN50	

F200S



Coriolis detailed results						
Base Model #:		F200S				
		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		0.028	18.95	356497.99
0.900		0.50		0.023	17.06	320883.84
0.800		0.54		0.019	15.17	285269.69
0.700		0.62		0.015	13.27	249655.54
0.600		0.73		0.011	11.38	214041.39
0.501		0.87		0.008	9.49	178427.24
0.401		1.09		0.005	7.59	142813.09
0.301		1.45		0.003	5.70	107198.94
0.201		2.17		0.001	3.81	71584.80
0.101		4.32		0.000	1.91	35970.65
0.001		435.45		0.000	0.02	356.50
*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		