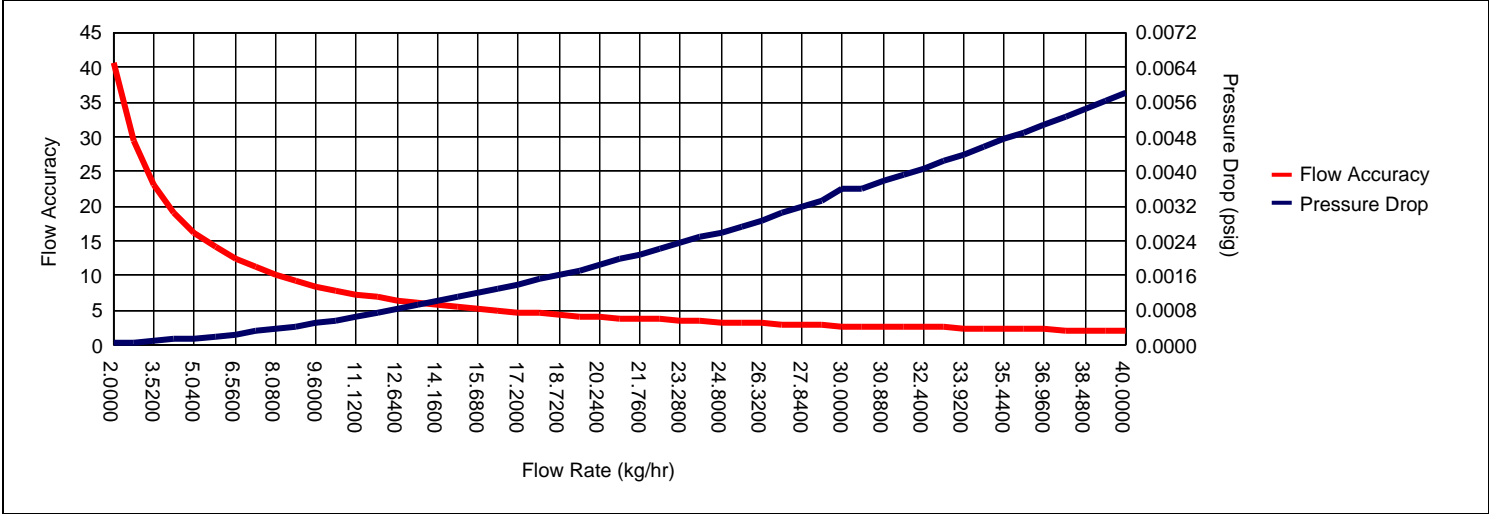


Coriolis Flowmeter Calculation Summary				Quote/Rev No:		-/-		
Date:			2023-02-01					
Company:			-					
Project Name:			Error uptill 2%					
Service:			-					
Sensor Model Name :			CMFS150M					
Sensor Model #:			-					
Sizing Name:			Baby					
Transmitter Model Name :			-					
Transmitter Model #:			-					
Transmitter Tag(s):			-					
Wetted Material:			316L					
Fluid:			GULF COAST NATURAL GAS					
Fluid State:			Gas					
K(Flow Consistency Index)			-					
n(Flow Behavior)			-					
Mass Flow Accuracy (+/- % of Rate)			2.7152					
Pressure Drop at Operating Flow			0.0036	psig				
Velocity at Operating Flow			1.6378	m/sec				
			Min	Operating*	Max	Design	Units	
Flow Rate:			2.0000	30.0000	40.0000	-	kg/hr	
Pressure:			-	150.0000	-	-	psig	
Process Fluid Temperature:			-	50.0000	-	-	F	
Ambient Temperature:			-	68.0000	-	-	F	
Density:			-	0.5192	-	0.0000	lb/ft3	
Viscosity:			-	0.0103	-	-	cP	
Gas Only	Base Reference Temperature:		F	60.0000				
	Base Reference Pressure:		psia	14.6960				
	Base Reference Density:		lb/ft3	0.0440				
Process Connection:			-					
Process Connection Pressure Rating:			-					
@ Temperature:			50.0000 F					
Flow Rate	kg/hr	Mass Flow Accuracy (+/- % of Rate)	Pressure Drop*	psig	Velocity at Operating Flow	m/sec	Re	
40.0000		2.0364	0.0058		2.1837		34904.6250	
36.2000		2.2502	0.0049		1.9763		31588.6856	
32.4000		2.5141	0.0041		1.7688		28272.7462	
28.6000		2.8481	0.0033		1.5614		24956.8069	
24.8000		3.2845	0.0026		1.3539		21640.8675	
21.0000		3.8789	0.0020		1.1464		18324.9281	
17.2000		4.7358	0.0014		0.9390		15008.9887	
13.4000		6.0788	0.0009		0.7315		11693.0494	
9.6000		8.4850	0.0005		0.5241		8377.1100	
5.8000		14.0442	0.0002		0.3166		5061.1706	
2.0000		40.7280	0.0000		0.1092		1745.2312	



* All pressure drop and velocity results are based on the process conditions (except flow rate) that are entered in the Operating column.