Coriolis I	Flowmeter Cal	culation Summary			Quote/Rev No:		-/-			
Date:	2023-02-01									
Company:	-									
Project Name:			Error uptill 2%							
	L1101 upull 270									
Service:			- Lourseau							
Sensor Model	CMF050M									
Sensor Model	-									
Sizing Name:	Baby									
Transmitter M	odel Name :		-							
Transmitter M	odel #:		-							
Transmitter Ta	au(e).		-							
Wetted Materi	316L									
Fluid:	GULF COAST NATURAL GAS									
Fluid State:	Gas									
K(Flow Consis	-									
n(Flow Behav	ior)		-							
Mass Flow Ac	2.5873									
Pressure Drop	0.0019	0.0019 psig								
Velocity at Op	0.8307 m/sec									
	g : 1011		Min		ting*	Max Des		sign	Units	
				Operating*				orgi i		
Flow Rate:			0.5000	3.0000		3.9000	3.9000		kg/hr	
Pressure:			-	150.0		-			psig	
Process Fluid Temperature:			-	50.0000				-	F	
Ambient Temp	perature:		-	68.00	000	-	-		F	
Density:			-	0.5192		-	- 0.0000		lb/ft3	
Viscosity:			-	0.0103		-			cР	
	Base Reference Tem	perature: F	60.0000	0.0100						
Gas Only			44.0000							
Gas Uniy	Base Reference Pres	· · · · · · · · · · · · · · · · · · ·	14.6960							
	Base Reference Den	sity: lb/ft3	0.0440							
Process Conn	ection:		-							
Process Conn	ection Pressure Rating	g:	-							
@Temperatur	e:		50.0000 F							
Flow Rate	kg/hr	Mass Flow Accuracy (+/- % of Rate)	Pressure Drop*	psig	Op	ocity at erating i Flow	n/sec		Re	
3.9000		1.9902	0.0029			1.0799		7664.6004		
			0.0025		0.9858			6996.4044		
		ı 2 1803	0.00							
		2.1803				0.0017				
	3.2200	2.4105	0.00	021		0.8917			328.2085	
	3.2200 2.8800	2.4105 2.6951	0.00	021 018		0.7975		50	660.0126	
	3.2200	2.4105	0.00	021 018				50		
	3.2200 2.8800	2.4105 2.6951	0.00	021 018 015		0.7975		50	660.0126	
	3.2200 2.8800 2.5400	2.4105 2.6951 3.0559	0.00	021 018 015 012		0.7975 0.7034		56 49 43	660.0126 991.8166	
	3.2200 2.8800 2.5400 2.2000	2.4105 2.6951 3.0559 3.5281	0.00 0.00 0.00	021 018 015 012		0.7975 0.7034 0.6092		50 49 43 30	660.0126 991.8166 323.6207	
	3.2200 2.8800 2.5400 2.2000 1.8600	2.4105 2.6951 3.0559 3.5281 4.1731	0.00 0.00 0.00 0.00	021 018 015 012 009		0.7975 0.7034 0.6092 0.5151		50 49 43 30 29	660.0126 991.8166 323.6207 655.4248	
	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779	0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268		56 49 44 30 29 23	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329	
	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326		56 49 43 36 29 20 10	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370	
	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779	0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268		56 49 43 36 29 20 10	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329	
	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326	36	56 49 43 36 29 20 10	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370	
	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385	32	56 49 43 36 29 20 10	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370	
18	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385	32	56 49 43 36 29 20 10	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370	
18 16 14	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385	32	56 49 43 36 29 20 10	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370	
18 16 14	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385 0.003 0.002 0.002	32	56 49 41 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370	
18 16 14	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385 0.003 0.003 0.002 0.002 0.002	32	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370	
18 16 14	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385 0.003 0.002 0.002 0.002 0.002	32	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370 982.6411	
18 16 14 12 10 8 8 6 6	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385 0.003 0.002 0.002 0.002 0.002 0.002	Pressure Drop (psig)	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370 982.6411	
18 16 14 12 10 8 8 6 6 4 4 1	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385 0.003 0.002 0.002 0.002 0.002 0.004	Pressure Drop (psig)	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370 982.6411	
18	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385 0.003 0.002 0.002 0.002 0.001 0.0000 0.0000 0.0000 0.0000	Pressure Drop (psig)	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370 982.6411	
18 16 14 12 10 8 8 6 6 4 2 0	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800 0.5000	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403 15.5237	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004 002		0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385  0.003 0.002 0.002 0.002 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000	Pressure Drop (psig)	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370 982.6411	
18 16 14 12 10 8 8 6 6 4 2 0	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800 0.5000	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403 15.5237	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004 002	3.49	0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385  0.003 0.002 0.002 0.002 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000	Pressure Drop (psig)	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370 982.6411	
18 16 14 12 10 8 8 6 6 4 2 0	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004 002	3.4920	0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385 0.003 0.002 0.002 0.002 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000	Pressure Drop (psig)	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370 982.6411	
18 16 14 12 10 8 8 6 6 4 2 0	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800 0.5000	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403 15.5237	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004 002	3.4920	0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385  0.003 0.002 0.002 0.002 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000	Pressure Drop (psig)	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370 982.6411	
18 16 14 12 10 10 10 10 10 10 10 10 10 10 10 10 10	3.2200 2.8800 2.5400 2.2000 1.8600 1.5200 1.1800 0.5000	2.4105 2.6951 3.0559 3.5281 4.1731 5.1065 6.5779 9.2403 15.5237	0.00 0.00 0.00 0.00 0.00 0.00 0.00	021 018 015 012 009 006 004 002	3.4920	0.7975 0.7034 0.6092 0.5151 0.4209 0.3268 0.2326 0.1385  0.003 0.002 0.002 0.002 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000	Pressure Drop (psig)	56 49 43 30 29 20 10 9	660.0126 991.8166 323.6207 655.4248 987.2289 319.0329 650.8370 982.6411	

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