Coriolis I			Quote/Rev No:		-/-	-/-				
Date:	2023-02-01									
Company:	-									
Project Name:				Error uptill 2%						
Service:	Litor uptill 2/0									
				CMECATOM						
Sensor Model Name :				CMFS150M						
Sensor Model #:				-						
Sizing Name:				Baby						
Transmitter M	-									
Transmitter M	-									
Transmitter Ta	-									
Wetted Materi	316L									
Fluid:										
Fluid State:	GULF COAST NATURAL GAS									
	Gas									
K(Flow Consis	-									
n(Flow Behav	-									
Mass Flow Ac	2.7152									
Pressure Drop	0.0036 psig									
Velocity at Op	1.6378	6378 m/sec								
<u> </u>				Min	Operating*		Max Des		sign	Units
Flow Rate:			2.0000	30.0000		40.0000		-	kg/hr	
				2.0000					_	-
Pressure:				<u> </u>	150.0000		-	-	-	psig
Process Fluid Temperature:				-	50.00		- -		-	F
Ambient Temperature:				-	68.0000				-	F
Density:				-	0.5192		- 0.00		0000	lb/ft3
Viscosity:	-	0.01	03			-	сР			
	Base Reference Tem	60.0000	60.0000							
Gas Only	Base Reference Pres	14.6960								
,	Base Reference Dens	0.0440								
				-						
Process Conn										
Process Conn	ection Pressure Rating	g:		-						
	ection Pressure Rating	g:								
Process Conn	ection Pressure Rating		ıracy (+/- % of Rate)	-	psig	Op	ocity at erating Flow	m/sec		Re
Process Conn @Temperatur Flow Rate	ection Pressure Rating	Mass Flow Accu	uracy (+/- % of Rate)	- 50.0000 F Pressure		Op	erating	m/sec	3	Re 4904.6250
Process Conn @Temperatur Flow Rate	e: kg/hr	Mass Flow Accu		50.0000 F Pressure Drop*	058	Op	erating Flow	m/sec		
@Temperatur Flow Rate	e: kg/hr 40.0000	Mass Flow Accu	.0364	- 50.0000 F Pressure Drop*	058	Op	erating Flow 2.1837	m/sec	3	4904.6250
Process Conn @Temperatur Flow Rate	e: kg/hr 40.0000 36.2000	Mass Flow Accu	.0364	- 50.0000 F Pressure Drop* 0.00) 058 049 041	Op	2.1837 1.9763	m/sec	3	4904.6250 1588.6856
Process Conn @ Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000	Mass Flow Accu 2. 2. 2. 2.	.0364 .2502 .5141 .8481	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00	D58 D49 D41	Op	2.1837 1.9763 1.7688 1.5614	m/sec	3 2 2	4904.6250 1588.6856 8272.7462 4956.8069
Process Conn @ Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000	2. 2. 2. 3.	.0364 .2502 .5141 .8481 .2845	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00	058 049 041 033	Op	2.1837 1.9763 1.7688 1.5614 1.3539	m/sec	3 2 2 2	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 24.8000 21.0000	2. 2. 2. 3. 3.	.0364 .2502 .5141 .8481 .2845	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00	0558 049 041 033 026	Op	2.1837 1.9763 1.7688 1.5614 1.3539	m/sec	3 2 2 2 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 24.8000 21.0000	2. 2. 2. 3. 3. 4.	.0364 .2502 .5141 .8481 .2845 .8789	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0558 049 041 033 026 020	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390	m/sec	3 2 2 2 1 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887
Process Conn @ Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 24.8000 21.0000 17.2000	2. 2. 2. 3. 3. 4. 6.	.0364 .2502 .5141 .8481 .2845 .8789 .7358	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315	m/sec	3 2 2 2 1 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494
Process Conn @ Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 24.8000 21.0000	2. 2. 2. 3. 3. 4. 6.	.0364 .2502 .5141 .8481 .2845 .8789	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390	m/sec	3 2 2 2 1 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 24.8000 21.0000 17.2000	2. 2. 2. 3. 3. 4. 6. 8.	.0364 .2502 .5141 .8481 .2845 .8789 .7358	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0558 049 041 033 026 020 014	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315	m/sec	3 2 2 2 1 1 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 24.8000 21.0000 17.2000 13.4000 9.6000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315	m/sec	3 2 2 2 1. 1. 1. 1. 8	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092		3 2 2 2 1. 1. 1. 1. 8	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706
Process Conn @ Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092	0072	3 2 2 2 1. 1. 1. 1. 8	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092	072	3 2 2 2 1. 1. 1. 1. 8	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092	072	3 2 2 2 1. 1. 1. 1. 8	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092	072 064 Pressure 056 200	3 2 2 2 1 1 1 1 8 5	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092	072 064 Pressure 056 200	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706 1745.2312
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092	072 064 Pressure 056 200	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092	072 064 Pressure Dro 048 0040	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706 1745.2312
Process Conn @Temperatur Flow Rate	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092 0.0 0.0 0.0 0.0 0.0 0.0 0.0	072 064 Pressure 056 200	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706 1745.2312
Process Conn @Temperatur Flow Rate 45 40 35 40 35 40 35 40 35 15	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	D558 D49 D41 D33 D26 D20 D14 D09 D05 D02	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	072 064 Pressure Drop (psig) 040 032 024	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706 1745.2312
Process Conn @Temperatur Flow Rate 45 40 35 40 35 10 15 10 5	kg/hr 40.0000 36.2000 32.4000 24.8000 21.0000 17.2000 13.4000 9.6000 2.0000	Mass Flow Accu 2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850 .0442 .0.7280	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0000 0000 0000 0000 0000 0000 0000 0000 0000	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0772 0064 Pressure Drop (psig) 0048 0040 0032 0024 0016	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706 1745.2312
Process Conn @Temperatur Flow Rate 45 40 35 40 35 40 15 10 5	kg/hr 40.0000 36.2000 32.4000 24.8000 21.0000 17.2000 13.4000 9.6000 2.0000	Mass Flow Accu 2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850 .0442 .0.7280	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0000 0000 0000 0000 0000 0000 0000 0000 0000	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	072 064 Pressure Drop (psig) 048 040 032 024 016 0008	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706 1745.2312
Process Conn @Temperatur Flow Rate 45 40 35 40 35 10 15 10 5	kg/hr 40.0000 36.2000 32.4000 24.8000 21.0000 17.2000 13.4000 9.6000 2.0000	Mass Flow Accu 2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850 .0442 .0.7280	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0000 0000 0000 0000 0000 0000 0000 0000 0000	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	072 064 Pressure Drop (psig) 048 040 032 024 016 0008	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706 1745.2312
Process Conn @Temperatur Flow Rate 45 40 35 40 35 10 15 10 5	kg/hr 40.0000 36.2000 32.4000 28.6000 21.0000 17.2000 13.4000 9.6000 5.8000	Mass Flow Accu 2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850 .0442 .0.7280	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0000 0000 0000 0000 0000 0000 0000 0000 0000	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	072 064 Pressure Drop (psig) 048 040 032 024 016 0008	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706 1745.2312
Process Conn @Temperatur Flow Rate 45 40 35 30 25 10 10 5 0	kg/hr 40.0000 36.2000 32.4000 24.8000 21.0000 17.2000 13.4000 9.6000 2.0000	Mass Flow Accu 2. 2. 2. 3. 3. 4. 6. 8. 14	.0364 .2502 .5141 .8481 .2845 .8789 .7358 .0788 .4850 .0442 .0.7280	- 50.0000 F Pressure Drop* 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0000 0000 0000 0000 0000 0000 0000 0000 0000	Op	2.1837 1.9763 1.7688 1.5614 1.3539 1.1464 0.9390 0.7315 0.5241 0.3166 0.1092 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	072 064 Pressure Drop (psig) 048 040 032 024 016 0008	3 2 2 2 1 1 1 1 8 5 1	4904.6250 1588.6856 8272.7462 4956.8069 1640.8675 8324.9281 5008.9887 1693.0494 3377.1100 5061.1706 1745.2312

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