

TEST DATE AND CONDITIONS			
Date	04/04/19		
Atmospheric Pressure	973	mB	
Ambient Temperature	21.1	°C	
Envionics Serial No.	5089		

**GFM426 Final Inspection & Calibration
Check Certificate**

GAS DATA LTD

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Customer	Taylor Drilling Services Ltd
Certificate Number	120916
Order Number	322420

Serial Number	12122
Software Version	G426-00.0027/0011

Recalibration DUE Date
04/04/2020

Instrument Checks					
Keyboard	✓		Display Contrast	✓	
Pump Flow In	400	Accept > 200 cc/min	Pump Flow @ -200mB	200	Accept > 200 cc/min
Clock Set / Running	✓		Labels Fitted	✓	

Gas Checks						
Sensor	CH ₄		CO ₂		O ₂	
	Instrument Gas	True Gas Value %	Instrument Gas	True Gas Value %	Instrument Gas	True Gas Value %
	Readings %		Readings %		Readings %	
	59.6	60	40	40	20.9	20.9
	Accept ±3.0		Accept ±3.0		Accept ±0.5	
	5	5	5	5	6	6
	Accept ±0.3		Accept ±0.3		Accept ±0.3	
Zero Reading	0	0	0	0	0	0
100% N2	Accept ±0.0		Accept ±0.0		Accept ±0.1	

Pressure Checks						
Atmospheric Pressure [AP] (mB)				Static Pressure [SP] (mB)		
Current Atmospheric	Instrument Atmospheric			Applied Pressure (mB)	Instrument Pressure (mB)	
Pressure (mB)	Pressure Reading (mB)					
All Ports	Open Ports	973	Accept ±2.0	0.0mB	0	Accept ±0.0
AP Port (Internal)	+800 mB	800	Accept ±5.0	+400mB	400	Accept ±2.0
AP Port (Internal)	+1200mb	1200	Accept ±5.0	-400mB	-400	Accept ±2.0

Differential Pressure [DP] (mB)			
Applied Pressure (mB)		Instrument DP Reading(mB)	
All Ports	Open Ports	0	Accept ± 0.02
DP Port	+ 25 mB	25	Accept ± 0.5
DP Port	- 25mB	-25	Accept ± 0.5

Temperature Checks		
Calibration Temperature	Instrument Temperature Reading °C	
Applied Temperature °C		
-10	-10	Accept ± 2.0
0	0	Accept ± 1.0
30	30	Accept ± 1.0
60	60	Accept ± 1.0
100	100	Accept ± 1.0

Technician:
<i>Jack Rutland</i>

Date Tested:
<i>05/04/19</i>

The instrument identified by the serial number stated above has been tested by Gas Data personnel for calibration accuracy on the date and under the ambient conditions stated. Gas Data Ltd internal BS EN ISO9001:2015 compliant workshop procedures were followed to apply known calibration test gases, gas flow rates, pressures and temperatures of the values stated. The results displayed on the instrument at each stage are recorded above.

Gas Data Ltd is certified to BS EN ISO9001:2015. Certificate NQA 8374. Valid until 22/03/2019