

TEST DATE AND CONDITIONS			
Date		18/10/2024	
Atmospheric Pressure		995	mB
Ambient Temperature		21.9	°C
EnviroNics Serial No.		5089	

**GFM430 Final Inspection & Calibration
Check Certificate**

GAS DATA LTD	
Unit D	
Earlplace Business Park	
Fletchamstead Highway	
Coventry	
CV4 9XL	
Tel 02476303311	Fax 02476307711



GAS DATA
LISTEN • ANALYSE • INFORM

Customer	ARC Environmental Ltd
Certificate Number	125617
Order Number	339922

Serial Number	10044
Software Version	G430-00.0024/0013

Recalibration DUE Date
18/10/25

Instrument Checks					
Keyboard	✓		Display Contrast	✓	
Pump Flow In	500	Accept > 200 cc/min	Pump Flow @ -200mB	300	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 %	
	60.3	60	39.5	40	20.9	20.9
	Accept ±3.0		Accept ±3.0		Accept ±0.5	
	5.0	5	5.0	5	6.0	6
	Accept ±0.3		Accept ±0.3		Accept ±0.3	
Zero Reading 100% N ₂	0.0	0	0.0	0	0.0	0
	Accept ±0.0		Accept ±0.0		Accept ±0.1	

Optional Gas Checks						
Applied Gas & Range		Concentration Tested @ (ppm)	Instrument Readings (ppm)			
Toxic Gas	Range (ppm)		Zero Reading		Instrument Gas Reading	
H ₂ S	2000	1500	0	Accept ±0.0	1500	Accept ±5.0%
CO	2000	1000	0	Accept ±0.0	1001	Accept ±5.0%

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Unit D
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Coventry
CV4 9XL
UK +44 (0) 24 7630 3311



GFM430 -1 OUTWARD INSPECTION & QUALITY CHECK SHEET

INSTRUMENT DETAILS			
SO Number	Instrument Type	Instrument Serial Number + SW Version	Job Number(s)
339922	GFM430	10044 G430-24/13	128617

Calibration Technician *[Signature]*

Date 18.10.24

Inspection Technician *[Signature]*

Date 21.10.24

INSTRUMENT CHECKS			Pass (P), Fail (F) or not applicable (NA)	INSTRUMENT PACKING LIST		Tick if included
Function Tests	Dust Caps Fitted		P	Instrument		✓
	Keyboard Test (All Keys)		P	Leather Case		✓
	Backlight		P	Instrument Strap		✓
	Clock Set / Running		P	AC Battery Charger (UK)		✓
	Comms Test		P	AC Battery Charger (EURO)		X
	Pump Flow Test (In & Out)		P	AC Battery Charger (US)		X
	Overall Leak Test (30mB)		n/a	AC Battery Charger (AUS)		X
	Battery Charge Test		P	Hard Carry Case		✓
	Service Date set to?		18.10.25	Gas Sample Tube – (new issue)		✓
Channel Test	Data Logging Enabled?		P	Flow Sample Tube – (new issue)		✓
	Verify CH4/LEL		P	Spares Pot		X
	Verify CO2		P	Allen Key		X
	Verify O2		P	Temperature Probe		X
	Verify LEL		P	Vane Anemometer		X
	Verify 1 st Option Gas	H2S	P	USB Cable		X
	Verify 2 nd Option Gas	CO	P	USB Memory stick		X
	Verify 3 rd Option Gas		N/A	SiteMan Software	Ver 4.15	X
	Verify 4 th Option Gas		N/A	Internal Filter Pack	Qty	X
	Verify Atmospheric pressure		P	External Filter Pack	Qty	X
	Verify static pressure		N/A	Field Guide		X
	Verify differential pressure		P	Operation Manual (hard copy)		X
	Verify flow		P	Extra Items: Sample Tube		
	Verify temperature probe input		P			
	Verify vane anemometer input		P			
DataBase Checks	Jobcard(s) completed and signed		P	Comments:		
	Jobcard(s) booked off database		P			
	Calibration certificate completed		P			
	Complete & print QI record		n/a			
Label Checks	No. of Calibration label fitted		GDC	13582		
	Warranty label fitted		P			
H2S Range	H2S Range from Sales Order		2000	ppm		
	H2S Range from Cal Cert		2000	ppm		
	Over-range value correct?		P			
QA Cylinders Used	No. of High Range CH4/CO2		57487			
	No. of Low Range CH4/CO2/O2		56982			
	No. of H2S		6037292			
	No. of CO		58346			
	No. of Optional Cylinder		N/A			
	No. of Optional Cylinder		N/A			