| TEST DATE AND CONDITIONS | |
|---|---|
| Date | 09/03/15 |
| Atmospheric Pressure | 1018mB |
| Ambient Temp | 21.9°C |
| Environics Serial No. | 2518 |

**GAS DATA LTD**
Pegasus House
Seven Stars Estate
Wheler Rd
Coventry
CV3 4LB
Tel 02476303311 Fax 02476307711

# GFM426-1 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

| INSTRUMENT DETAILS | |
|---|---|
| Serial No | Customer |
| 12122 | Taylor Drilling Services Ltd |

| INSTRUMENT CHECKS | | | |
|---|---|---|---|
| Keyboard | ✓ | Pump Flow | 500cc/min |
| Display Contrast | ✓ | Pump Flow @ -200mB | 300cc/min |
| Clock Set / Running | ✓ | S/W Version | G426.0027/0009 |
| Labels Fitted | ✓ | Recalibration Date | 09/03/16 |

| GAS CHECKS | | | | | | | |
|---|---|---|---|---|---|---|---|
| Calibration Gas | | Instrument Gas Channels Read | | | | | |
| Gas Type | Applied Conc. | CH4 ( % ) | tol. ( % vol. ) | CO2 ( % ) | tol. ( % vol. ) | O2 ( % ) | tol. ( % vol. ) |
| N2 | 100% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | +/-0.1 |
| CH4 | 5 % | 4.9 | +/-0.3 | 0.0 | 0.0 | 0.0 | +/-0.1 |
| | 60% | 60.1 | +/-3.0 | 0.0 | 0.0 | 0.0 | +/-0.1 |
| CO2 | 5% | 0.0 | 0.0 | 4.9 | +/-0.3 | 0.0 | +/-0.1 |
| | 40% | 0.0 | 0.0 | 39.9 | +/-3.0 | 0.0 | +/-0.1 |
| O2 | 20.9% | 0.0 | 0.0 | 0.1 | +0.1 | 20.9 | +/-0.5 |

| OPTIONAL GAS CHECKS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Calibration Gas | | Instrument Gas Channels Read | | | | | | |
| Gas Type | Applied Conc. | Label | H2S | CO | | | | tol. (% vol.) |
| | | Range | 5000ppm | 2000ppm | | | | |
| N2 | 100% | | 0 | 0 | | | | +/- 5.0 |
| H2S | 1500ppm | | 1500 | 0 | | | | +/- 5.0 |
| CO | 1000ppm | | 80 | 1000 | | | | +/- 5.0 |

| PRESSURE CHECKS | | | | | | | |
|---|---|---|---|---|---|---|---|
| Calibration Pressure | | Instrument Pressure Channels Read | | | | | |
| Pressure @ | Applied Pressure | Atmospheric [Ap] ( mB ) | tol. ( mB ) | Static [Sp] ( mB ) | tol. ( mB ) | Differential [Dp] ( mB ) | tol. ( mB ) |
| All Ports | Current Atmospheric | 1018 | +/-2.0 | 0.0 | 0.0 +/-0.5 | 0.00 | 0.00 +/-0.02 |
| Ap Port (Internal) | +800mB(a) | 799 | +/-5.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| | +1200mB(a) | 1201 | +/-5.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Gas IN Port | +400mB(g) | | | 399.5 | +/-2.0 | | |
| | -400mB(g) | | | -400.0 | +/-2.0 | | |
| DP Port | +25mB(g) | | | 0.0 | 0.0 +/-0.5 | 25.17 | +/-0.5 |
| | -25mB(g) | | | 0.0 | 0.0 +/-0.5 | -24.77 | +/-0.5 |

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|---|---|
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## GFM426-1 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

| TEMPERATURE CHECK | | |
|---|---|---|
| Calibration Temperature | Instrument Temperature Channel Read | |
| Applied Equivalent Temperature (°C) | Temperature [Temp] ( °C ) | tol. ( °C ) |
| -10.0 | -10.5 | +/- 2.0 |
| 0.0 | 0.0 | +/- 1.0 |
| 30.0 | 30.0 | +/- 1.0 |
| 60.0 | 60.0 | +/- 1.0 |
| 100.0 | 99.5 | +/- 1.0 |

**Notes:**

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 ISO9001:2008 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 ISO9001:2008. Certificate NQA 8374. Valid until 20/03/2016