

Certificate of Calibration

Date of Issue: December 16, 2024

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| REF NUMBER : By Contract | APPROVED BY CALIBRATION LAB IN CHARGE OC  Asjad Rafiq |
| Job No # : QC-YB-240123 | |
| CERTIFICATE NUMBER : QC-YB-240123-14 | |


CUSTOMER DETAILS

 Name : Daqing Drilling Company IRAQ
 Address : Basra, South Iraq
 Department : DQ022

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

 Description : Fixed H2S/LEL Gas Detection System
 Manufacturer : Status Scientific Controls Ltd
 Serial Number for Control Panel : **G0001719** (7 Channel)-G0001063 (1 Channel)
 Type : Digital
 Calibrated Range : 25 PPM H2S 50% LEL
 Resolution : 1 ppm And 1 %
 Calibrated By : Hussein Alaa
 Calibration Date : December 16, 2024
 Calibration Due : **March 15, 2025** 3 Months Validity from the date of Calibration

| H2S S/N | LEL S/N | Location |
|---------|---------|--------------|
| 10696 | 11928 | Cellar |
| 4049 | 13836 | Shale Shaker |
| 4407 | 11929 | Bell Nipple |
| 12656 | 12869 | Rigfloor |


ENVIRONMENTAL CONDITIONS DURING TEST

 Ambient Temperature : 22 °C ± 2 °C
 Relative Humidity : 20 %RH ± 5 %RH

CALIBRATION METHOD

Reference cylinders consisting of gases LEL, H2S is used, which are detected by gas detector by diffusion.

TRACEABILITY

The measurements made by Quality Control, realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by QC.

REFERENCE EQUIPMENT USED :

| DESCRIPTION | SERIAL NO. | Make | Valid Until |
|------------------------------------|------------|---------|-------------|
| Multigas Calibration cylinder | 950-106554 | CALGAZ | 18-Aug-2026 |
| Calibration Gas Cylinder (50% LEL) | 140135 | Bristol | 18-Oct-2026 |

CALIBRATION TEST RESULTS

| Applied Gas | Values of UUC | Values on Reference Standard | Error in Reading of UUC | Uncertainty of Measurement |
|------------------------------|---------------|------------------------------|-------------------------|----------------------------|
| Methane(LEL)% (Cellar) | 50.0 | 50 | 0 | ± 1 |
| Methane(LEL)% (Shale Shaker) | 51.0 | 50 | 1 | ± 1 |
| Methane(LEL)% (Rig Floor) | 51.2 | 50 | 1 | ± 1 |
| Methane(LEL)% (Bell Nipple) | 49.0 | 50 | -1 | ± 1 |
| H2S PPM (Cellar) | 25.0 | 25 | 0 | ± 1 |
| H2S PPM (Shale Shaker) | 24.7 | 25 | 0 | ± 1 |
| H2S PPM (Rig Floor) | 25.1 | 25 | 0 | ± 1 |
| H2S PPM (Bell Nipple) | 25.0 | 25 | 0 | ± 1 |

| Alarms Detail | first Alarm | Second Alarm |
|---------------|--------------|---------------|
| H2S | 5 PPM(Low) | 10 PPM(High) |
| LEL | 10% LEL(Low) | 20% LEL(High) |

Results :

The above Value Indicates That the Instrument complies with the Specified Maximum Permissible error tolerance.