



## Certificate of Calibration

Iraq- Basra- Jaza'ir, Field : North Rumela

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Date of Issue: July 31, 2023

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|                    |                  |                                         |
|--------------------|------------------|-----------------------------------------|
| REF NUMBER         | : By contract    | APPROVED BY CALIBRATION LAB INCHARGE QC |
| CERTIFICATE #      | : QC/JN/23/00266 |                                         |
| CERTIFICATE NUMBER | : QC230731-10    |                                         |

### CUSTOMER DETAILS

Name DPAB Co.Ltd Iraq Branch Block-9  
Address Basra - Iraq, Block 9  
Rig DQ43

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

|                  |                       |                                       |     |      |
|------------------|-----------------------|---------------------------------------|-----|------|
| Description      | Portable H2S Detector | Alarm Details                         | Low | High |
| Manufacturer     | BW                    | H2S                                   | 10  | 15   |
| Model            | BW Extreme            |                                       |     |      |
| Location         | DQ43 Location         |                                       |     |      |
| Serial Number    | J620-H822886          |                                       |     |      |
| Type             | Digital               |                                       |     |      |
| Calibrated Range | 25 PPM H2S            |                                       |     |      |
| Calibrated By    | Mahdi Haleem          |                                       |     |      |
| Calibration Date | July 31, 2023         |                                       |     |      |
| Calibration Due  | January 30, 2024      | 180 days from the date of Calibration |     |      |
| Calibration Site | DQ43                  |                                       |     |      |



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 19.3 °C ± 0.1 °C  
Relative Humidity 42.3 %RH ± 0.5 %RH

### CALIBRATION METHOD

A reference cylinder consisting of gas (H2S) is used , which are detected by gas detector by diffusion.

### TRACEABILITY

The measurements made by QC Calibration & Testing Labs are traceable to NIST, vide Intermountain Speciality Gases Certificate of Analysis  
The measurements made by QC Calibration & Testing Labs, 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   | GAS EXPIRY DATE |
|-------------|------------|--------|-----------------|
| H2S Gas     | 955-545316 | CALGAZ | 1/3/2025        |

### CALIBRATION TEST RESULTS

| Gas Name | Values of UUC | Values on Reference Standard | Error in Reading of UUC | Uncertainty of Measurement |
|----------|---------------|------------------------------|-------------------------|----------------------------|
| H2S Gas  | 26            | 25.00                        | -1.00                   | ± 1                        |

Result : The above Value Indicates That the Instrument complies with the Specified Maximum Permissible error tolerance.  
At The Time of Calibration it's ready for use .

End of the certificate

