

Customer Name : **Aberdeen Technical Services Iraq**
 Address : **District Zubair-South Iraq**
 Request No : **By Mail**
 Job No : **QC-CAL-25128**

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS:

CERTIFICATE NUMBER : **QC-CAL-25128-10**
 Calibration Date : **March 26, 2025**
 Calibration Due: : **July 25, 2025**
 Unit Under Calibration:

| DESCRIPTION | MAKE | MODEL / TYPE | Identity No | SERIAL # | ACCURACY |
|-------------|-----------|--------------|-------------|---------------|--------------------------------------|
| LEAD GAGE | GAGEMAKRE | LG-5003 | AH27DG0026 | ATS.I.LG 001B | As per Manufacturer's specifications |

Comments:
 Gagemaker Quality Procedure GQCP007 REV H.
 Latest API specification 5B,6A,7-2 where applicable.
 Procedure # GQCP007 REV H.

We certify the equipment used for this calibration is traceable to NIST through one or more of the following numbers.

Reference Standard Serial #: E4C99
 MT-3012-50, Traceable to renishaw Reference HeNe Laser GOLDSTD5, CertNo. H52176-141205-00
 Traceable to NIST via NAMAS certification no: H19098 -150527 -00

Gage Status: PASS

Certified By:

This certificate is not valid unless all 1 page(s) are present.
 Measurements were recorded at the environmental conditions of 68 F. +/- 2 F. RH 20% - 60%
 All measurements are in inches unless otherwise stated.

CALIBRATION METHOD:

Calibration Standard : **ASME B1.3**

TRACEABILITY:

Traceability : The measurements made by Quality Contro Company for Technical services , realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by QC LAB. Reference equipment used is/are traceable to National / International standards through other prestigious calibration laboratories, details given below:

Reference Equipment :

| DESCRIPTION | MAKE | MODEL # | SERIAL # | CAL. CERTIFICAT | TRACEABILITY |
|-----------------|----------|---------|----------|-----------------|--------------|
| GAUGE BLOCK SET | Mitutoyo | GARDE 0 | 1400039 | 350213 | NPL ENGLAND |
| - | - | - | - | - | - |

CALIBRATION TEST RESULTS :

| Positive Reading | Deviation | Negative Reading | Deviation |
|------------------|-----------|------------------|-----------|
| 0.002" | 0.000" | -0.002 | 0.000 |
| 0.003" | 0.000" | -0.003 | 0.000 |
| 0.005" | 0.000" | -0.005 | 0.000 |
| 0.008" | 0.000" | -0.008 | 0.000 |
| 0.010" | 0.000" | -0.010 | 0.000 |



"The reported expanded uncertainty is based on standard uncertainty multiplied by a coverage factor k=2, providing a coverage probability of approximately 95%".

Disclaimer / Remarks:

- Values were rounded in computation.
- * Values not covered in accredited scope
- Over load test was not performed
- No Accessories were fitted during calibration.

Calibrated by Hussain Alaa


End of calibration results

This certificate is issued in accordance with the requirements of ISO/IEC 17025:2017 Standard, General Requirements for the competence of testing and calibration laboratories. All measurement recorded in this certificate are traceable to national / international standards. The reference listed above are subjected to regular periodic calibration. This certificate may not be reproduced other than in full, except with the permission of the issuing laboratory. Website: www.al-takamul.com