

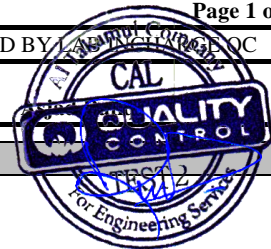
Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-07	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : WIKA
 Model : EN837-1
 Serial Number : HH250119-04
 Location : Mud Tank
 Type : Analog
 Range : 0 to 350 psi
 Calibrated Range : 0 to 350 psi
 Resolution : 10 psi
 Accuracy Class : 1.6
 Tolerance : 1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure : 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
50.0	49.88	0.12	0.0
150.0	149.97	0.03	0.0
250.0	250.20	-0.20	-0.1
350.0	350.50	-0.50	-0.1

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
- The results are post adjustment.

Certificate of Calibration

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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-08	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : WIKA
 Model : EN837-1
 Serial Number : HH250119-05
 Location : Mud Tank
 Type : Analog
 Range : 0 to 350 psi
 Calibrated Range : 0 to 350 psi
 Resolution : 10 psi
 Accuracy Class : 1.6
 Tolerance : 1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
50.0	50.11	-0.11	0.0
150.0	150.16	-0.16	0.0
250.0	250.23	-0.23	-0.1
350.0	350.28	-0.28	-0.1

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
- The results are post adjustment.

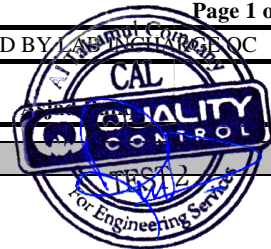
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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-09	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : WIKA
 Model : EN837-1
 Serial Number : HH250119-06
 Location : Mud Tank
 Type : Analog
 Range : 0 to 350 psi
 Calibrated Range : 0 to 350 psi
 Resolution : 10 psi
 Accuracy Class : 1.6
 Tolerance : 1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
50.0	49.85	0.15	0.0
150.0	149.96	0.04	0.0
250.0	250.16	-0.16	0.0
350.0	350.22	-0.22	-0.1

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
 The results are post adjustment.

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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-10	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : WIKA
 Model : EN837-1
 Serial Number : HH250119-07
 Location : Mud Tank
 Type : Analog
 Range : 0 to 350 psi
 Calibrated Range : 0 to 350 psi
 Resolution : 10 psi
 Accuracy Class : 1.6
 Tolerance : 1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure : 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
50.0	49.82	0.18	0.1
150.0	149.85	0.15	0.0
250.0	249.93	0.07	0.0
350.0	350.16	-0.16	0.0

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
 The results are post adjustment.

Certificate of Calibration

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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-11	

CUSTOMER DETAILS

Name : Honghua Oil & Gas Engineering Services Limited
Address : Basra, South Iraq
Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
Manufacturer : WIKA
Model : EN837-1
Serial Number : HH250119-08
Location : Mud Tank
Type : Analog
Range : 0 to 350 psi
Calibrated Range : 0 to 350 psi
Resolution : 10 psi
Accuracy Class : 1.6
Tolerance : 1.6 % of Full Scale
As found : In Tolerance
Calibrated By : Hussein Alaa
Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C **Humidity** : 44.0 ± 5 % RH **Atm. Pressure** : 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
50.0	50.09	-0.09	0.0
150.0	150.18	-0.18	-0.1
250.0	250.22	-0.22	-0.1
350.0	350.30	-0.30	-0.1

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
 The results are post adjustment.

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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-12	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : WIKA
 Model : EN837-1
 Serial Number : HH250119-47
 Location : Mud Tank
 Type : Analog
 Range : 0 to 350 psi
 Calibrated Range : 0 to 350 psi
 Resolution : 10 psi
 Accuracy Class : 1.6
 Tolerance : 1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure : 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
50.0	50.09	-0.09	0.0
150.0	150.18	-0.18	-0.1
250.0	250.20	-0.20	-0.1
350.0	350.30	-0.30	-0.1

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
- The results are post adjustment.

Certificate of Calibration

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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-13	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : WIKA
 Model : EN837-1
 Serial Number : HH250119-48
 Location : Mud Tank
 Type : Analog
 Range : 0 to 350 psi
 Calibrated Range : 0 to 350 psi
 Resolution : 10 psi
 Accuracy Class : 1.6
 Tolerance : 1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure : 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
50.0	50.09	-0.09	0.0
150.0	150.14	-0.14	0.0
250.0	250.19	-0.19	-0.1
350.0	350.32	-0.32	-0.1

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
- The results are post adjustment.

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-14	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : WIKA
 Model : EN837-1
 Serial Number : HH250119-49
 Location : Mud Tank
 Type : Analog
 Range : 0 to 350 psi
 Calibrated Range : 0 to 350 psi
 Resolution : 10 psi
 Accuracy Class : 1.6
 Tolerance : 1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure : 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
50.0	50.16	-0.16	0.0
150.0	150.19	-0.19	-0.1
250.0	250.25	-0.25	-0.1
350.0	350.35	-0.35	-0.1

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
- The results are post adjustment.

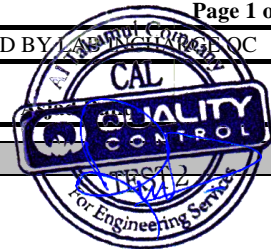
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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-15	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : NOSHOK
 Model : EN837-1
 Serial Number : HH250119-09
 Location : Mud Cleaner
 Type : Analog
 Range : 0 to 100 psi
 Calibrated Range : 0 to 100 psi
 Resolution : 2 psi
 Accuracy Class : 1.0
 Tolerance : 1.0 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure : 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
25.0	24.91	0.09	0.1
50.0	49.96	0.04	0.0
75.0	75.06	-0.06	-0.1
100.0	100.21	-0.21	-0.2

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
 The results are post adjustment.

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-16	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : WIKA
 Model : EN837-1
 Serial Number : HH250119-50
 Location : Mud Cleaner
 Type : Analog
 Range : 0 to 100 psi
 Calibrated Range : 0 to 100 psi
 Resolution : 2 psi
 Accuracy Class : 1.6
 Tolerance : 1.6 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure : 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
25.0	25.02	-0.02	0.0
50.0	50.09	-0.09	-0.1
75.0	75.18	-0.18	-0.2
100.0	100.25	-0.25	-0.3

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
 The results are post adjustment.

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: January 18, 2025

Page 1 of 1

REQUEST NUMBER	: By Contract	APPROVED BY: 
JOB NUMBER	: QC-CAL-25030	
CERTIFICATE NUMBER	: QC-CAL-25030-58	

CUSTOMER DETAILS

Name : **Honghua Oil & Gas Engineering Services Limited**
 Address : Basra, South Iraq
 Department : HH008

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Pressure Gauge
 Manufacturer : NA
 Model : NA
 Serial Number : KC-J15
 Location : Degasser
 Type : Analog
 Range : 0 to -1 psi
 Calibrated Range : 0 to -1 psi
 Resolution : 0.02 psi
 Accuracy Class : 1.0
 Tolerance : 1.0 % of Full Scale
 As found : In Tolerance
 Calibrated By : Hussein Alaa
 Calibration Date : January 18, 2025
Calibration Due : 17 January 2026
 Last Calibration Date : NA



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. Overload test was not performed.
3. No accessories were fitted.
4. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 25.0 ± 2°C Humidity : 44.0 ± 5 % RH Atm. Pressure : 1011.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/03 Rev. 01
 The above instrument has been calibrated in increasing and decreasing pressure mode using a Digital Pressure Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Digital Pressure Gauge	468802	AMETEK / XP2i	5 Nov, 2024	4 Nov, 2025

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Error Percentage
psi	psi	psi	±
0	0	0.00	0.0
-0.20	-0.201	0.00	-0.1
-0.40	-0.401	0.00	-0.1
-0.80	-0.803	0.00	-0.3
-1.00	-1.002	0.00	-0.2

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
- The results are post adjustment.