

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-01	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 119
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1204.0	-4.00	-0.1
2500	2507.0	-7.00	-0.1
3700	3710.0	-10.00	-0.2
5000	5012.0	-12.00	-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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-02	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 120
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 3000 psi
 Calibrated Range : 0 to 3000 psi
 Resolution : 50 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
750	755.0	-5.00	-0.2
1500	1507.0	-7.00	-0.2
2250	2259.0	-9.00	-0.3
3000	3012.0	-12.00	-0.4

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 ASJAD RAFIQ LAB INCHARGE	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-03	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 121
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1187.0	13.00	0.3
2500	2488.0	12.00	0.2
3700	3684.0	16.00	0.3
5000	4986.0	14.00	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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-04	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 122
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1204.0	-4.00	-0.1
2500	2507.0	-7.00	-0.1
3700	3710.0	-10.00	-0.2
5000	5014.0	-14.00	-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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-05	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 123
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1208.0	-8.00	-0.2
2500	2511.0	-11.00	-0.2
3700	3714.0	-14.00	-0.3
5000	5019.0	-19.00	-0.4

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-06	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 124
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1213.0	-13.00	-0.3
2500	2518.0	-18.00	-0.4
3700	3724.0	-24.00	-0.5
5000	5028.0	-28.00	-0.6

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-07	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 125
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 3000 psi
 Calibrated Range : 0 to 3000 psi
 Resolution : 50 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
750	755.0	-5.00	-0.2
1500	1506.0	-6.00	-0.2
2250	2260.0	-10.00	-0.3
3000	3012.0	-12.00	-0.4

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-08	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 126
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1208.0	-8.00	-0.2
2500	2512.0	-12.00	-0.2
3700	3715.0	-15.00	-0.3
5000	5019.0	-19.00	-0.4

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-09	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 127
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1187.0	13.00	0.3
2500	2483.0	17.00	0.3
3700	3685.0	15.00	0.3
5000	4987.0	13.00	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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-10	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 128
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1217.0	-17.00	-0.3
2500	2519.0	-19.00	-0.4
3700	3725.0	-25.00	-0.5
5000	5030.0	-30.00	-0.6

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-11	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 129
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 600 psi
 Calibrated Range : 0 to 600 psi
 Resolution : 10 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
150	152.0	-2.00	-0.3
300	302.0	-2.00	-0.3
450	453.0	-3.00	-0.5
600	605.0	-5.00	-0.8

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-12	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 130
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 600 psi
 Calibrated Range : 0 to 600 psi
 Resolution : 10 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
150	148.0	2.00	0.3
300	297.0	3.00	0.5
450	447.0	3.00	0.5
600	595.0	5.00	0.8

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 ASJAD RAFIQ LAB INCHARGE	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-13	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 131
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 200 psi
 Calibrated Range : 0 to 200 psi
 Resolution : 5 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
50	50.2	-0.20	-0.1
100	100.4	-0.40	-0.2
150	150.5	-0.50	-0.3
200	200.7	-0.70	-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.

CALIBRATED BY	REVIEWED & APPROVED BY LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-14	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 132
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 600 psi
 Calibrated Range : 0 to 600 psi
 Resolution : 10 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
150	153.0	-3.00	-0.5
300	304.0	-4.00	-0.7
450	454.0	-4.00	-0.7
600	606.0	-6.00	-1.0

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-15	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 134
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 3000 psi
 Calibrated Range : 0 to 3000 psi
 Resolution : 50 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
750	753.0	-3.00	-0.1
1500	1505.0	-5.00	-0.2
2250	2256.0	-6.00	-0.2
3000	3008.0	-8.00	-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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-16	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 135
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 3000 psi
 Calibrated Range : 0 to 3000 psi
 Resolution : 50 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
750	757.0	-7.00	-0.2
1500	1511.0	-11.00	-0.4
2250	2263.0	-13.00	-0.4
3000	3017.0	-17.00	-0.6

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.

CALIBRATED BY	REVIEWED & APPROVED BY LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-17	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 136
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 3000 psi
 Calibrated Range : 0 to 3000 psi
 Resolution : 50 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
750	762.0	-12.00	-0.4
1500	1513.0	-13.00	-0.4
2250	2265.0	-15.00	-0.5
3000	3019.0	-19.00	-0.6

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-18	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 137
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 3000 psi
 Calibrated Range : 0 to 3000 psi
 Resolution : 50 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
750	753.0	-3.00	-0.1
1500	1505.0	-5.00	-0.2
2250	2257.0	-7.00	-0.2
3000	3010.0	-10.00	-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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-19	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 138
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 3000 psi
 Calibrated Range : 0 to 3000 psi
 Resolution : 50 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
750	757.0	-7.00	-0.2
1500	1511.0	-11.00	-0.4
2250	2263.0	-13.00	-0.4
3000	3017.0	-17.00	-0.6

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 ASJAD RAFIQ LAB INCHARGE	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-20	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 139
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1217.0	-17.00	-0.3
2500	2521.0	-21.00	-0.4
3700	3724.0	-24.00	-0.5
5000	5028.0	-28.00	-0.6

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-21	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 140
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1206.0	-6.00	-0.1
2500	2510.0	-10.00	-0.2
3700	3713.0	-13.00	-0.3
5000	5017.0	-17.00	-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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-22	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 141
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1208.0	-8.00	-0.2
2500	2510.0	-10.00	-0.2
3700	3713.0	-13.00	-0.3
5000	5016.0	-16.00	-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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-23	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 142
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 100 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1200	1183.0	17.00	0.3
2500	2480.0	20.00	0.4
3700	3678.0	22.00	0.4
5000	4979.0	21.00	0.4

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-24	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 143
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 1000 psi
 Calibrated Range : 0 to 1000 psi
 Resolution : 20 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : **28 October 2025**
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
240	243.0	-3.00	-0.3
500	505.0	-5.00	-0.5
740	744.0	-4.00	-0.4
1000	1007.0	-7.00	-0.7

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-25	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 149
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 3000 psi
 Calibrated Range : 0 to 3000 psi
 Resolution : 50 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
750	753.0	-3.00	-0.1
1500	1505.0	-5.00	-0.2
2250	2257.0	-7.00	-0.2
3000	3011.0	-11.00	-0.4

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-26	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 301
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 600 psi
 Calibrated Range : 0 to 600 psi
 Resolution : 10 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
150	152.0	-2.00	-0.3
300	303.0	-3.00	-0.5
450	453.0	-3.00	-0.5
600	604.0	-4.00	-0.7

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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-27	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV Hydra Rig
 Model : NA
 Serial Number : 8101RNXZ
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 50 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
1250	1257.0	-7.00	-0.1
2500	2509.0	-9.00	-0.2
3750	3762.0	-12.00	-0.2
5000	5014.0	-14.00	-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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER : By Contract	CUSTOMER DETAILS
JOB NUMBER : QC-YB-240015	Name Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER : QC-YB-240015-28	Address Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV MD Totco
 Model : B10092A-000029
 Serial Number : 310
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 15000 psi
 Calibrated Range : 0 to 15000 psi
 Resolution : 100 psi
 Actual F/S Pressure : 3750 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
3700	3720.0	-20.00	-0.1
7500	7522.0	-22.00	-0.1
11200	11226.0	-26.00	-0.2
15000	15029.0	-29.00	-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.

CALIBRATED BY	REVIEWED & APPROVED BY LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-29	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : NOV MD Totco
 Model : B10092A-000029
 Serial Number : 311
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : 0 to 15000 psi
 Calibrated Range : 0 to 15000 psi
 Resolution : 100 psi
 Actual F/S Pressure : 3750 psi
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

1. No adjustments were made prior to calibration.
2. No accessories were fitted.
3. Values were rounded in computation.

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure : 1013.0 ± 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	20 Nov, 2023	19 Nov, 2024

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Full Scale Error %
psi	psi	psi	%
0	0.00	0.00	0.0
3700	3725.0	-25.00	-0.2
7500	7531.0	-31.00	-0.2
11200	11235.0	-35.00	-0.2
15000	15042.0	-42.00	-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.

CALIBRATED BY	REVIEWED & APPROVED BY LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue: October 29, 2024

Page 1 of 1

REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC-YB-240015	Name	Halliburton Worldwide IRAQ (HPS)
CERTIFICATE NUMBER	: QC-YB-240015-37	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Weight Indicator**
 Manufacturer : Halliburton
 Model : NA
 Serial Number : **312**
 Type : Analog
 Location : CTU-1 Control Cabin (SAP 11397531)
 Range : -40000 to 100000 lbs
 Calibrated Range : -40000 to 100000 lbs
 Input Current : 4 to 20 mA
 Resolution : 2000 lbs
 Accuracy : NA
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : October 29, 2024
Calibration Due : 28 October 2025
 Last Calibration : November 7, 2023



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 35.0 ± 2°C Humidity : 15.0 ± 5 % RH Atm. Pressure 1013.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated in accordance with Calibration Procedure QC/CP/R/07 Rev. 01
 The above instrument has been calibrated in increasing and decreasing milliamperes by using a Process Calibrator as the reference standard having traceability to Internationally recognised standards.

REFERENCE EQUIPMENT USED

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	CALIBRATION DUE DATE
Process Calibrator	22564482	FLUKE / 725	15-Nov-23	14-Nov-24

CALIBRATION TEST RESULTS

Applied Current	Expected Value or Ref Standard Value(A)	Actual Measured Value (M)	Deviation (D=M-A)	Tolerance Limit
mA	lbs	lbs	lbs	%
4.002	-39973.75	-40000.0	-26.25	-0.03
9.250	-5935.70	-6000.0	-64.30	-0.06
12.007	30061.25	30000.0	-61.25	-0.06
15.450	60187.50	60000.0	-187.50	-0.19
20.013	100113.75	100000.00	-113.75	-0.11

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.

CALIBRATED BY  Abdulrahman Loay	REVIEWED & APPROVED BY LAB INCHARGE  LAB INCHARGE Asjad Rafiq	CLIENT
--	--	--------