

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: July 1, 2024

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262	Name	Halliburton Worldwide IRAQ (BAROID)
CERTIFICATE NUMBER	: QC240701-01	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : Pressure Gauge
 Manufacturer : USG
 Model : NA
 Serial Number : BAR-G-01
 Type : Analog
 Range : 0 to 200 psi
 Calibrated Range : 0 to 200 psi
 Resolution : 5 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
 Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
50	49.6	0.40	0.2
100	100.3	-0.30	-0.1
150	150.6	-0.60	-0.3
200	200.5	-0.50	-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
 Hussein Alaa	 LAB INCHARGE Asjad Rafiq	

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262	Name	Halliburton Worldwide IRAQ (BAROID)
CERTIFICATE NUMBER	: QC240701-02	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : Pressure Gauge
Manufacturer : MC
Model : NA
Serial Number : BAR-G-02
Type : Analog
Range : 0 to 200 psi
Calibrated Range : 0 to 200 psi
Resolution : 10 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
Last Calibration Date : NA



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 $\pm$ 2°C Humidity : 30.0 $\pm$ 5 % RH Atm. Pressure 1011.0 $\pm$ 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	$\pm$ psi
0	0	0	0
50	50.1	-0.10	-0.1
100	100.1	-0.10	0.0
150	150.5	-0.50	-0.3
200	200.3	-0.30	-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
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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS Name Halliburton Worldwide IRAQ (BAROID) Address Western Burjesia, Oil Street, District Zubair-South Iraq	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-03		

Description : **Pressure Gauge**
 Manufacturer : USG
 Model : NA
 Serial Number : **BAR-G-03**
 Type : Analog
 Range : 0 to 200 psi
 Calibrated Range : 0 to 200 psi
 Resolution : 5 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
 Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
50	50.2	-0.20	-0.1
100	100.4	-0.40	-0.2
150	150.3	-0.30	-0.2
200	201.0	-1.00	-0.5

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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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262	Name	Halliburton Worldwide IRAQ (BAROID)
CERTIFICATE NUMBER	: QC240701-04	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : Pressure Gauge
Manufacturer : USG
Model : NA
Serial Number : BAR-G-04
Type : Analog
Range : 0 to 200 psi
Calibrated Range : 0 to 200 psi
Resolution : 5 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
Last Calibration Date : NA



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 $\pm$ 2°C Humidity : 30.0 $\pm$ 5 % RH Atm. Pressure 1011.0 $\pm$ 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	$\pm$ psi
0	0	0	0
50	50.2	-0.20	-0.1
100	100.4	-0.40	-0.2
150	151.0	-1.00	-0.5
200	200.8	-0.80	-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.

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS Name Halliburton Worldwide IRAQ (BAROID) Address Western Burjesia, Oil Street, District Zubair-South Iraq	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-05		

Description : **Pressure Gauge**
 Manufacturer : USG
 Model : NA
 Serial Number : **BAR-G-05**
 Type : Analog
 Range : 0 to 200 psi
 Calibrated Range : 0 to 200 psi
 Resolution : 5 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
 Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
50	49.4	0.60	0.3
100	99.7	0.30	0.1
150	150.2	-0.20	-0.1
200	200.6	-0.60	-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.

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS Name Halliburton Worldwide IRAQ (BAROID) Address Western Burjesia, Oil Street, District Zubair-South Iraq	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-06		

Description : **Pressure Gauge**
 Manufacturer : USG
 Model : NA
 Serial Number : **BAR-G-06**
 Type : Analog
 Range : 0 to 30 psi
 Calibrated Range : 0 to 30 psi
 Resolution : 1 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
 Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
5	4.95	0.05	0.2
10	9.93	0.07	0.2
20	19.99	0.01	0.0
30	30.04	-0.04	-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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-07		
		Name	Halliburton Worldwide IRAQ (BAROID)
		Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : Pressure Gauge
Manufacturer : UL
Model : NA
Serial Number : **BAR-G-07**
Type : Analog
Range : 0 to 1500 psi
Calibrated Range : 0 to 1500 psi
Resolution : 50 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : **30 June 2025**
Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
300	301	-1.00	-0.1
600	603	-3.00	-0.2
1200	1205	-5.00	-0.3
1500	1507	-7.00	-0.5

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
 Hussein Alaa	 LAB INCHARGE Asjad Rafi	

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS Name Halliburton Worldwide IRAQ (BAROID) Address Western Burjesia, Oil Street, District Zubair-South Iraq	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-08		

Description : **Pressure Gauge**
 Manufacturer : MC
 Model : NA
 Serial Number : **BAR-G-08**
 Type : Analog
 Range : 0 to 160 psi
 Calibrated Range : 0 to 160 psi
 Resolution : 5 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
 Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
30	30.2	-0.20	-0.1
60	60.4	-0.40	-0.2
120	120.2	-0.20	-0.1
160	160.5	-0.50	-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
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Date of Issue: July 1, 2024

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-09		
		Name	Halliburton Worldwide IRAQ (BAROID)
		Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
Manufacturer : **USG**
Model : **NA**
Serial Number : **BAR-G-09**
Type : **Analog**
Range : 0 to 200 psi
Calibrated Range : 0 to 200 psi
Resolution : 5 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : **30 June 2025**
Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
50	50.2	-0.20	-0.1
100	100.4	-0.40	-0.2
150	150.3	-0.30	-0.2
200	201.0	-1.00	-0.5

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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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262	Name	Halliburton Worldwide IRAQ (BAROID)
CERTIFICATE NUMBER	: QC240701-10	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : Pressure Gauge
Manufacturer : USG
Model : NA
Serial Number : BAR-G-10
Type : Analog
Range : 0 to 200 psi
Calibrated Range : 0 to 200 psi
Resolution : 5 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
Last Calibration Date : NA



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 $\pm$ 2°C Humidity : 30.0 $\pm$ 5 % RH Atm. Pressure 1011.0 $\pm$ 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	$\pm$ psi
0	0	0	0
50	49.7	0.30	0.1
100	99.9	0.10	0.0
150	150.2	-0.20	-0.1
200	200.4	-0.40	-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.

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 Hussein Alaa	 LAB INCHARGE Asjad Rafi	

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-11		
		Name	Halliburton Worldwide IRAQ (BAROID)
		Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : Pressure Gauge
Manufacturer : UL
Model : NA
Serial Number : **BAR-G-11**
Type : Analog
Range : 0 to 1500 psi
Calibrated Range : 0 to 1500 psi
Resolution : 50 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : **30 June 2025**
Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
300	297.0	3.00	0.2
600	601.0	-1.00	-0.1
1200	1203.0	-3.00	-0.2
1500	1506.0	-6.00	-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.

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 Hussein Alaa	 LAB INCHARGE Asjad Rafi	

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS Name Halliburton Worldwide IRAQ (BAROID) Address Western Burjesia, Oil Street, District Zubair-South Iraq	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-12		

Description : **Pressure Gauge**
 Manufacturer : USG
 Model : NA
 Serial Number : **BAR-G-12**
 Type : Analog
 Range : 0 to 200 psi
 Calibrated Range : 0 to 200 psi
 Resolution : 5 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
 Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
50	50.1	-0.10	-0.1
100	99.8	0.20	0.1
150	149.6	0.40	0.2
200	199.4	0.60	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
 Hussein Alaa	 LAB INCHARGE Asjad Rafi	

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-13		
		Name	Halliburton Worldwide IRAQ (BAROID)
		Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
Manufacturer : **USG**
Model : **NA**
Serial Number : **BAR-G-13**
Type : **Analog**
Range : 0 to 200 psi
Calibrated Range : 0 to 200 psi
Resolution : 5 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : **30 June 2025**
Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
50	50.2	-0.20	-0.1
100	99.7	0.30	0.1
150	149.5	0.50	0.3
200	199.8	0.20	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.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262	Name	Halliburton Worldwide IRAQ (BAROID)
CERTIFICATE NUMBER	: QC240701-14	Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : Pressure Gauge
Manufacturer : MC
Model : NA
Serial Number : BAR-G-14
Type : Analog
Range : 0 to 160 psi
Calibrated Range : 0 to 160 psi
Resolution : 5 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
Last Calibration Date : NA



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 $\pm$ 2°C Humidity : 30.0 $\pm$ 5 % RH Atm. Pressure 1011.0 $\pm$ 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	$\pm$ psi
0	0	0	0
30	29.5	0.50	0.3
60	59.8	0.20	0.1
120	120.2	-0.20	-0.1
160	160.3	-0.30	-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
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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS Name Halliburton Worldwide IRAQ (BAROID) Address Western Burjesia, Oil Street, District Zubair-South Iraq	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-15		

Description : **Pressure Gauge**
 Manufacturer : MC
 Model : NA
 Serial Number : **BAR-G-15**
 Type : Analog
 Range : 0 to 200 psi
 Calibrated Range : 0 to 200 psi
 Resolution : 10 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
 Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
50	49.8	0.20	0.1
100	99.6	0.40	0.2
150	150.1	-0.10	0.0
200	200.4	-0.40	-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
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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS Name Halliburton Worldwide IRAQ (BAROID) Address Western Burjesia, Oil Street, District Zubair-South Iraq	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-16		

Description : **Pressure Gauge**
 Manufacturer : MC
 Model : NA
 Serial Number : **BAR-G-16**
 Type : Analog
 Range : 0 to 1500 psi
 Calibrated Range : 0 to 1500 psi
 Resolution : 50 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : July 1, 2024
Calibration Due : 30 June 2025
 Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
300	297	3.00	0.2
600	599	1.00	0.1
1200	1202	-2.00	-0.1
1500	1504	-4.00	-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
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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-17		
		Name	Halliburton Worldwide IRAQ (BAROID)
		Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
Manufacturer : **USG**
Model : **NA**
Serial Number : **BAR-G-17**
Type : **Analog**
Range : 0 to 200 psi
Calibrated Range : 0 to 200 psi
Resolution : 5 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : **30 June 2025**
Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
50	49.8	0.20	0.1
100	100.2	-0.20	-0.1
150	150.4	-0.40	-0.2
200	200.3	-0.30	-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
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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-18		
		Name	Halliburton Worldwide IRAQ (BAROID)
		Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : Pressure Gauge
Manufacturer : MC
Model : NA
Serial Number : **BAR-G-18**
Type : Analog
Range : 0 to 160 psi
Calibrated Range : 0 to 160 psi
Resolution : 5 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : **30 June 2025**
Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
30	30.5	-0.50	-0.3
60	60.2	-0.20	-0.1
120	120.3	-0.30	-0.2
160	159.8	0.20	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.

CALIBRATED BY	REVIEWED & APPROVED BY LAB INCHARGE	CLIENT
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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-19		
		Name	Halliburton Worldwide IRAQ (BAROID)
		Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : Pressure Gauge
Manufacturer : USG
Model : NA
Serial Number : **BAR-G-19**
Type : Analog
Range : 0 to 200 psi
Calibrated Range : 0 to 200 psi
Resolution : 5 psi
Accuracy : 1.0
Tolerance : ± 1.0 % of Full Scale
As found : In Tolerance
Calibration Date : July 1, 2024
Calibration Due : **30 June 2025**
Last Calibration Date : NA



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 : 30.0 ± 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	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	±psi
0	0	0	0
50	49.4	0.60	0.3
100	99.7	0.30	0.1
150	150.2	-0.20	-0.1
200	200.4	-0.40	-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
 Hussein Alaa	 LAB INCHARGE Asjad Rafi	

Certificate of Calibration

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Date of Issue: July 1, 2024

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REQUEST NUMBER	: By Contract	CUSTOMER DETAILS	
JOB NUMBER	: QC/JN/24/00262		
CERTIFICATE NUMBER	: QC240701-20		
		Name	Halliburton Worldwide IRAQ (BAROID)
		Address	Western Burjesia, Oil Street, District Zubair-South Iraq

Description : **Pressure Gauge**
 Manufacturer : REOTEMP
 Model : NA
 Serial Number : **BAR-G-20**
 Type : Analog
 Range : 0 to 5000 psi
 Calibrated Range : 0 to 5000 psi
 Resolution : 10 psi
 Accuracy : 1.0
 Tolerance : ± 1.0 % of Full Scale
 As found : In Tolerance
 Calibration Date : July 1, 2024
Calibration Due : **30 June 2025**
 Last Calibration Date : NA



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 $\pm$ 2°C Humidity : 30.0 $\pm$ 5 % RH Atm. Pressure : 1011.0 $\pm$ 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	$\pm$psi
0	0	0	0
1000	1003	-3.00	-0.1
2000	2010	-10.00	-0.2
3000	3008	-8.00	-0.2
5000	5021	-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
 Hussein Alaa	 LAB INCHARGE Asjad Rafi	