

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**

Basra, North Rumaila, Quality Control Yard - Iraq

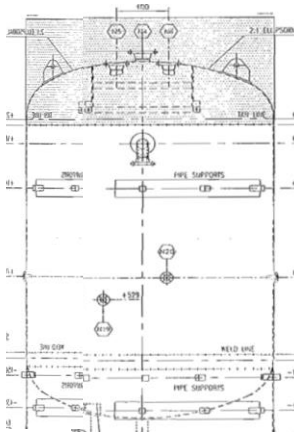


CERTIFICATE OF QUALIFICATION VISUAL AND WITNESS PRESSURE TEST

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK AL SALEM	REPORT No.:	QC-25-03-TAS-NDT-SGT-001
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	28032025
WORK ORDER #	****	SPECIFICATION:	ASME B31.1-2024 LATEST EDITION / CUSTOMER SPECIFICATION
DATE OF INSPECTION :	Friday, March 28, 2025		
TYPE OF INSPECTION:	VISUAL INSPECTION AND WITNESS PRESSURE TEST		

DESCRIPTION:	SURGE TANK 50 PSI 33 BBL	SURGE TANK S.NO	2082400
Pump NO.:	EQ.NO:13119220	CAL DUE DATE:	19.AUG.2025
Pressure Gauge NO.:	218230280019	CAL DUE DATE:	28.FEB.2026



ONLINE TRACEABILITY

PRESSURE TEST WITNESS RESULT

PRESSURE TEST 1:	The Above SurgeTank Body Was Tested Up to 50 PSI Maximum Working pressure, Hold For 15 min no Leak was Found while testing & Pressure Was Stable According To Chart Recorder
PRESSURE TEST 2:	The Above Valve Was Tested Up to 50 PSI Maximum Working pressure, Hold For 15 min no Leak was Found while testing & Pressure Was Stable According To Chart Recorder
PRESSURE TEST 3:	The Above Valve Was Tested Up to 50 PSI Maximum Working pressure, Hold For 15 min no Leak was Found while testing & Pressure Was Stable According To Chart Recorder
PRESSURE TEST 4:	The Above Surge Tank Body With PRV Set Point Was Tested Up to 40 PSI Maximum Working pressure, Hold For 15 min no Leak was Found while testing & Pressure Was Stable According To Chart Recorder
PRESSURE TEST 5:	The Above Inlet And Bypass Valve Was Tested Up to 100 PSI A low Pressure Hold for 5 min And 1440 PSI Maximum Working pressure, Hold For 15 min no Leak was Found while testing & Pressure Was Stable According To Chart Recorder

PERSON DETAILS		REVIEW BY		
INSPECTOR NAME:	M. Shabaz Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:
QUALIFICATION:	ASNT CP-105, MP, PC, IA	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN
SIGNATURE & STAMP:				DATE:

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AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



MAJOR INSPECTION CERTIFICATE

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK AL SALEM	REPORT No.:	QC-25-03-TAS-NDT-SGT-002
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
INSPECTION DATE:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	SURGE TANK 33BBL 50PSI	SURGE TANK SERIAL NO:	2082400
TOP & BOTTOM MINIMUM THICKNESS	6 MM	TOP & BOTTOM CORROSION ALLOWANCE	3 MM
SHELL NOMINAL THICKNESS	8 MM	SHELL CORROSION ALLOWANCE	3 MM

INSPECTION DETAILS

(a) Normal condition
Underbead
Hatched area indicates echo signal from diffused reflectors caused by non-spherical random surface.

ONLINE TRACEABILITY

* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER

THICKNESS POINTS AREA	WALL THICKNESS RESULT			MINIMUM THICKNESS	CORROSION ALLOWANCE	FINAL REMARKS		
	120°	240°	360°					
SURGE TANK TOP A1	9.47	9.56	9.58	6 MM	3 MM	SATISFACTORY		
SURGE TANK TOP A2	9.61	9.62	9.65					
SURGE TANK TOP A3	9.74	9.81	9.57					
SURGE TANK BOTTOM B1	9.47	9.48	9.56					
SURGE TANK BOTTOM B2	9.62	9.63	9.62					
SURGE TANK BOTTOM B3	9.88	9.87	9.83					
THICKNESS POINTS AREA	WALL THICKNESS RESULT			NOMINAL THICKNESS				
	120°	240°	360°					
SURGE TANK SHELL C	9.45	9.50	9.56	8 MM				
SURGE TANK SHELL D	9.56	9.57	9.64					
SURGE TANK SHELL E	9.65	9.72	9.51					
SURGE TANK SHELL F	9.45	9.46	9.54					
SURGE TANK SHELL G	9.57	9.58	9.57					
SURGE TANK SHELL H	9.69	9.47	9.38					

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709-21
UT	Accepted	ACCORDING TO ASTM E 797-21
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Standard Acceptance Criteria

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According To ASTM E709-21
 U.T-The Above Item Was Found Acceptable As Per ASTM E 797-21

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS

AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25	2	Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink	MANUFACTUR E	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25	7HF	Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink	7HF 1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3670 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M. Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ISNTI VERIFICATION	INSPECTION SUPERVISOR:	HANI ALI	HS&SIGN	
SIGNATURE & STAMP:				DATE:	

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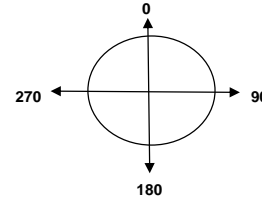
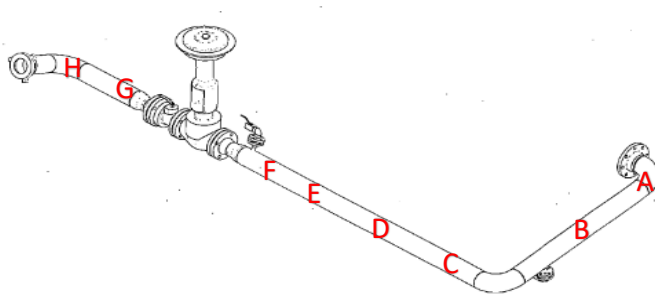
MAJOR INSPECTION CERIFICATE

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK AL SALEM	REPORT No.:	QC-25-03-TAS-NDT-SGT-003
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
INSPECTION DATE:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

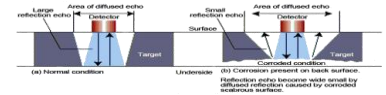
DESCRIPTION:	SURGE TANK GAS OUTLET LINE	SURGE TANK SERIAL NO:	2082400
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INSPECTION DETAILS



ONLINE TRACEABILITY

* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	6.65	6.73	6.78	6.90	3 MM	SATISFACTORY
B	6.74	6.81	6.83	6.88		
C	6.80	6.88	6.80	6.68		
D	6.69	6.78	6.81	6.74		
E	6.87	6.95	6.86	6.93		
F	6.83	6.89	6.85	6.97		
G	6.61	6.65	6.83	6.74		
H	6.59	6.61	6.65	6.58		

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709-21
UT	Accepted	ACCORDING TO ASTM E 797-21
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Standard Acceptance Criteria

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According To ASTM E709-21

U.T-The Above Item Was Found Acceptable As Per ASTM E 797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3670 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:		INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



MAJOR INSPECTION CERTIFICATE

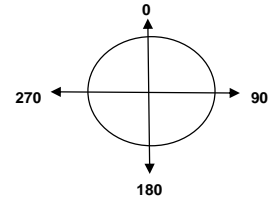
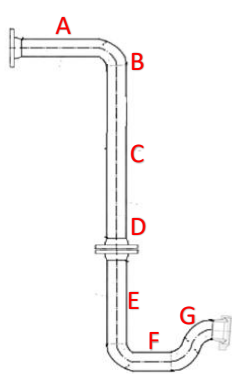
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK AL SALEM	REPORT No.:	QC-25-03-TAS-NDT-SGT-004
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
INSPECTION DATE:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026

TYPE OF INSPECTION: VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING

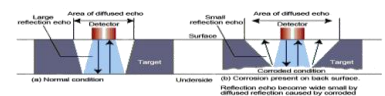
DESCRIPTION:	SURGE TANK RELIEF LINE	SURGE TANK SERIAL NO:	2082400
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INSPECTION DETAILS



ONLINE TRACEABILITY

* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	6.92	7.01	7.06	7.18	3 MM	SATISFACTORY
B	6.88	6.95	6.97	7.02		
C	6.91	6.99	7.08	6.96		
D	7.00	7.09	7.12	6.89		
E	6.95	7.03	7.00	7.07		
F	6.94	7.00	6.96	7.08		
G	7.07	7.11	7.14	7.05		

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709-21
UT	Accepted	ACCORDING TO ASTM E 797-21
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Standard Acceptance Criteria

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According To ASTM E709-21

U.T-The Above Item Was Found Acceptable As Per ASTM E 797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3670 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	UT Level 2	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

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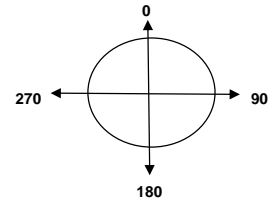
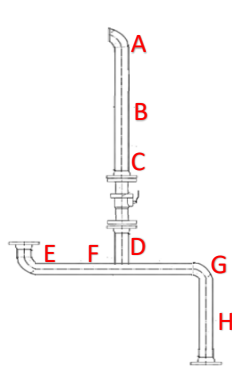


MAJOR INSPECTION CERIFICATE

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

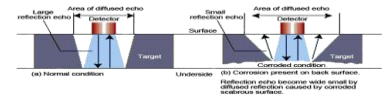
CLIENT:	TAREEK AL SALEM	REPORT No.:	QC-25-03-TAS-NDT-SGT-005
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
INSPECTION DATE:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SURGE TANK INLET LINE	SURGE TANK SERIAL NO:	2082400

INSPECTION DETAILS



ONLINE TRACEABILITY

* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	7.23	7.32	7.37	7.49	3 MM	SATISFACTORY
B	7.16	7.23	7.25	7.30		
C	7.22	7.30	7.39	7.27		
D	7.27	7.36	7.39	7.32		
E	7.29	7.37	7.28	7.35		
F	7.25	7.31	7.27	7.39		
G	7.31	7.34	7.37	7.30		
H	7.34	7.38	7.41	7.37		

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709-21
UT	Accepted	ACCORDING TO ASTM E 797-21
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Standard Acceptance Criteria

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According To ASTM E709-21

U.T-The Above Item Was Found Acceptable As Per ASTM E 797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3670 lux						

PERSON DETAILS

REVIEW BY

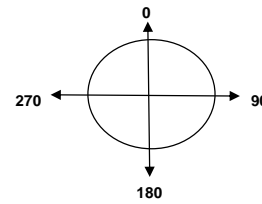
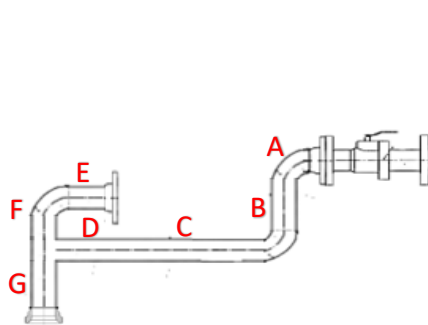
INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:		INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

MAJOR INSPECTION CERTIFICATE

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

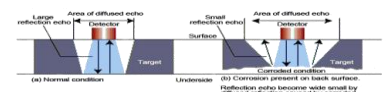
CLIENT:	TAREEK AL SALEM	REPORT No.:	QC-25-03-TAS-NDT-SGT-006
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
INSPECTION DATE:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SURGE TANK BYPASS LINE	SURGE TANK SERIAL NO:	2082400

INSPECTION DETAILS



ONLINE TRACEABILITY

* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	7.49	7.58	7.63	7.75	3 MM	SATISFACTORY
B	7.37	7.44	7.46	7.51		
C	7.43	7.51	7.65	7.53		
D	7.33	7.42	7.45	7.38		
E	7.50	7.58	7.49	7.56		
F	7.65	7.71	7.67	7.79		
G	7.50	7.54	7.51	7.63		

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709-21
UT	Accepted	ACCORDING TO ASTM E 797-21
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Standard Acceptance Criteria

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According To ASTM E709-21

U.T-The Above Item Was Found Acceptable As Per ASTM E 797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3670 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	NDT Level 2	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

Original - Client Files Copy - Area Office Online: QC/FN/PT/077 Rev.00 DATED 07.NOV. 2021



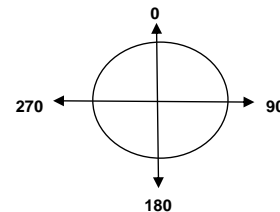
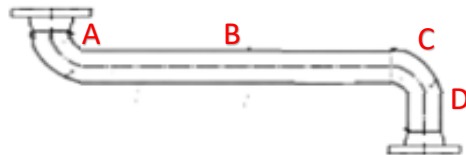
MAJOR INSPECTION CERIFICATE

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK AL SALEM	REPORT No.:	QC-25-03-TAS-NDT-SGT-007
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
INSPECTION DATE:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

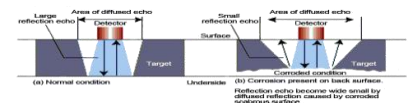
DESCRIPTION:	SURGE TANK OIL OUTLET LINE	SURGE TANK SERIAL NO:	2082400
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INSPECTION DETAILS



ONLINE TRACEABILITY

* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTMER



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	7.14	7.18	7.23	7.35	3 MM	SATISFACTORY
B	7.05	7.12	7.14	7.19		
C	7.11	7.19	7.25	7.13		
D	7.26	7.35	7.38	7.31		

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709-21
UT	Accepted	ACCORDING TO ASTM E 797-21
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Standard Acceptance Criteria

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According To ASTM E709-21

U.T-The Above Item Was Found Acceptable As Per ASTM E 797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3670 lux						

PERSON DETAILS

REVIEW BY

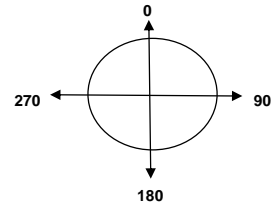
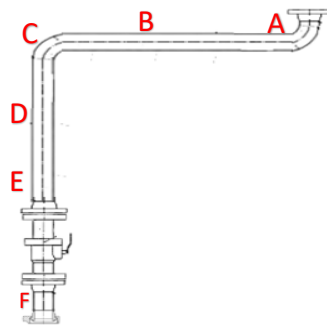
INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	S. A. L. 2025	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

MAJOR INSPECTION CERTIFICATE

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

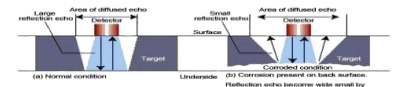
CLIENT:	TAREEK AL SALEM	REPORT No.:	QC-25-03-TAS-NDT-SGT-008
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
INSPECTION DATE:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SURGE TANK DRAIN LINE	SURGE TANK SERIAL NO:	2082400

INSPECTION DETAILS



ONLINE TRACEABILITY

* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	7.63	7.72	7.77	7.61	3 MM	SATISFACTORY
B	7.49	7.56	7.58	7.63		
C	7.55	7.63	7.79	7.67		
D	7.67	7.76	7.79	7.72		
E	7.62	7.70	7.61	7.68		
F	7.58	7.64	7.60	7.72		

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709-21
UT	Accepted	ACCORDING TO ASTM E 797-21
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Standard Acceptance Criteria

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According To ASTM E709-21

U.T-The Above Item Was Found Acceptable As Per ASTM E 797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3670 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	S. A. L. 25032025	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

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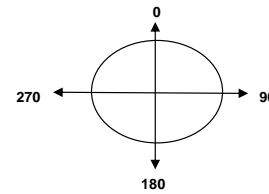
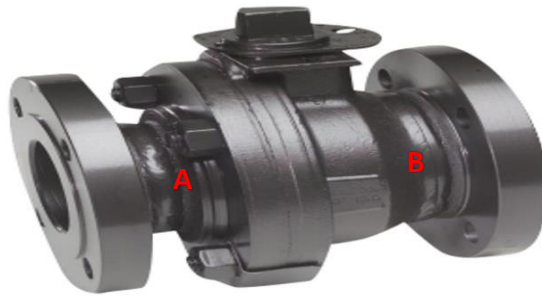


MAJOR INSPECTION CERTIFICATE

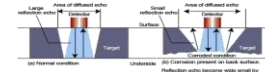
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK AL SALEM	REPORT NO.:	QC-25-03-TAS-NDT-SGT-009
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	*****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
DATE OF INSPECTION:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	BALON VALVE 3" 600 CL	SURGE TANK SERIAL NO:	2082400
		SERIAL NO:	6081030-7



* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



ANGLE	WALL THICKNESS RESULT		MINIMUM THICKNESS IN MM
	A	B	
0°	12.36	12.48	5.61 MM
90°	12.43	12.31	
180°	12.49	12.36	
270°	12.39	12.42	

INSPECTION RESULT		
VT & MPI	Accepted	According to ASTM E709-21
UT	Accepted	According to ASTM E 797-21

Inspection Evaluation
(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According to ASTM E709-21
U.T-The Above Item Was Found Acceptable As Per ASTM E797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3640 lux						

PERSON DETAILS		REVIEW BY		
INSPECTOR NAME:	M. Shalwan Ahmed	SENIOR INSPECTOR:	NAVED HUSSAIN	CLIENT:
QUALIFICATION:	NDT	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN
SIGNATURE & STAMP:				DATE:

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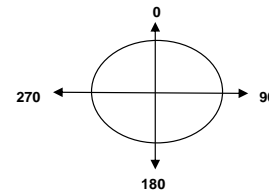


MAJOR INSPECTION CERTIFICATE

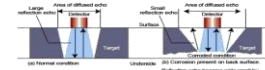
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK AL SALEM	REPORT NO.:	QC-25-03-TAS-NDT-SGT-010
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	*****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
DATE OF INSPECTION:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	BALON VALVE 3" 600 CL	SURGE TANK SERIAL NO:	2082400
		SERIAL NO:	6081030-11



* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



ANGLE	WALL THICKNESS RESULT		MINIMUM THICKNESS IN MM
	A	B	
0°	11.98	12.05	5.61 MM
90°	11.75	11.80	
180°	12.03	11.93	
270°	12.15	11.96	

INSPECTION RESULT		
VT & MPI	Accepted	According to ASTM E709-21
UT	Accepted	According to ASTM E 797-21

Inspection Evaluation
(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According to ASTM E709-21
U.T-The Above Item Was Found Acceptable As Per ASTM E797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3640 lux						

PERSON DETAILS		REVIEW BY		
INSPECTOR NAME:	M. Shalwan Ahmed	SENIOR INSPECTOR:	NAVED HUSSAIN	CLIENT:
QUALIFICATION:	NDT Level 2	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN
SIGNATURE & STAMP:				DATE:

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MAJOR INSPECTION CERTIFICATE

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

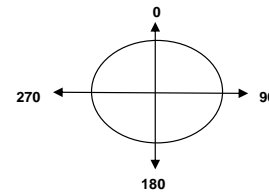
CLIENT:	TAREEK AL SALEM	REPORT NO.:	QC-25-03-TAS-NDT-SGT-011
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	*****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
DATE OF INSPECTION:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	BALON VALVE 3" 600 CL	SURGE TANK SERIAL NO:	2082400
		SERIAL NO:	6081030-13
		<p>ONLINE TRACEABILITY</p>	
<p>* ALL READINGS IN MM **MINIMUM THICKNESS PROVIDED BY CUSTOMER</p>			
ANGLE	WALL THICKNESS RESULT		MINIMUM THICKNESS IN MM
	A	B	5.61 MM
0°	12.07	12.20	
90°	11.91	11.99	
180°	12.04	12.08	
270°	12.15	11.97	
INSPECTION RESULT			
VT & MPI	Accepted	According to ASTM E709-21	
UT	Accepted	According to ASTM E 797-21	
Inspection Evaluation			
(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According to ASTM E709-21			
U.T-The Above Item Was Found Acceptable As Per ASTM E797-21			
INSPECTION EQUIPMENT DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25
WHITE LIGHT INTENSITY:	3640 lux		
		White Contrast WCP-2	MANUFACTURE Magnaflux
		Black Magnetic Ink 7HF	MANUFACTURE Magnaflux
		Concentration Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml
		BATCH NO	230408
		BATCH NO	230604
		EXPIRE DATE	APRIL,2026
		EXPIRE DATE	JUNE, 2026
PERSON DETAILS			
INSPECTOR NAME:	M. Shalwan Ahmed	SENIOR INSPECTOR:	NAVED HUSSAIN
QUALIFICATION:		INSPECTION SUPERVISOR:	HANI ALI
SIGNATURE & STAMP:		CLIENT:	
		HB&SIGN	
		DATE:	

MAJOR INSPECTION CERTIFICATE

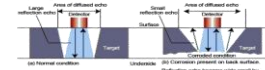
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK AL SALEM	REPORT NO.:	QC-25-03-TAS-NDT-SGT-012
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	*****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
DATE OF INSPECTION:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	BALON VALVE 3" 600 CL	SURGE TANK SERIAL NO:	2082400
		SERIAL NO:	6081030-29



* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



ANGLE	WALL THICKNESS RESULT		MINIMUM THICKNESS IN MM
	A	B	
0°	12.41	12.45	5.61 MM
90°	12.27	12.32	
180°	12.55	12.33	
270°	12.58	12.48	

INSPECTION RESULT		
VT & MPI	Accepted	According to ASTM E709-21
UT	Accepted	According to ASTM E 797-21

Inspection Evaluation
(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According to ASTM E709-21
U.T-The Above Item Was Found Acceptable As Per ASTM E797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3640 lux						

PERSON DETAILS		REVIEW BY		
INSPECTOR NAME:	M. Shalwan Ahmed	SENIOR INSPECTOR:	NAVED HUSSAIN	CLIENT:
QUALIFICATION:	NDT	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN
SIGNATURE & STAMP:				DATE:

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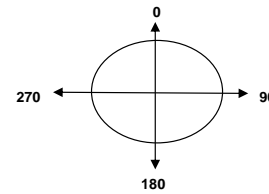


MAJOR INSPECTION CERTIFICATE

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

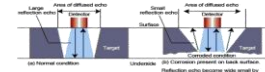
CLIENT:	TAREEK AL SALEM	REPORT NO.:	QC-25-03-TAS-NDT-SGT-013
LOCATION:	TAREEK AL SALEM YARD	JOB NO :	25032025
WORK ORDER #	*****	SPECIFICATION:	ASTM E709-21 & ASTM E 797-21
DATE OF INSPECTION:	Tuesday, March 25, 2025	NEXT ANNUAL INSPECTION DATE:	Tuesday, March 24, 2026
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	BALON VALVE 3" 600 CL	SURGE TANK SERIAL NO:	2082400
		SERIAL NO:	6081030-30



ONLINE TRACEABILITY

* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



ANGLE	WALL THICKNESS RESULT		MINIMUM THICKNESS IN MM
	A	B	
0°	11.94	12.09	5.61 MM
90°	11.88	11.93	
180°	12.16	11.97	
270°	12.11	12.09	

INSPECTION RESULT

VT & MPI	Accepted	According to ASTM E709-21
UT	Accepted	According to ASTM E 797-21

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According to ASTM E709-21

U.T-The Above Item Was Found Acceptable As Per ASTM E797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	11-Apr-25	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	3997	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Concentration Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3640 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:		SENIOR INSPECTOR:	NAVED HUSSAIN	CLIENT:	
QUALIFICATION:		INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

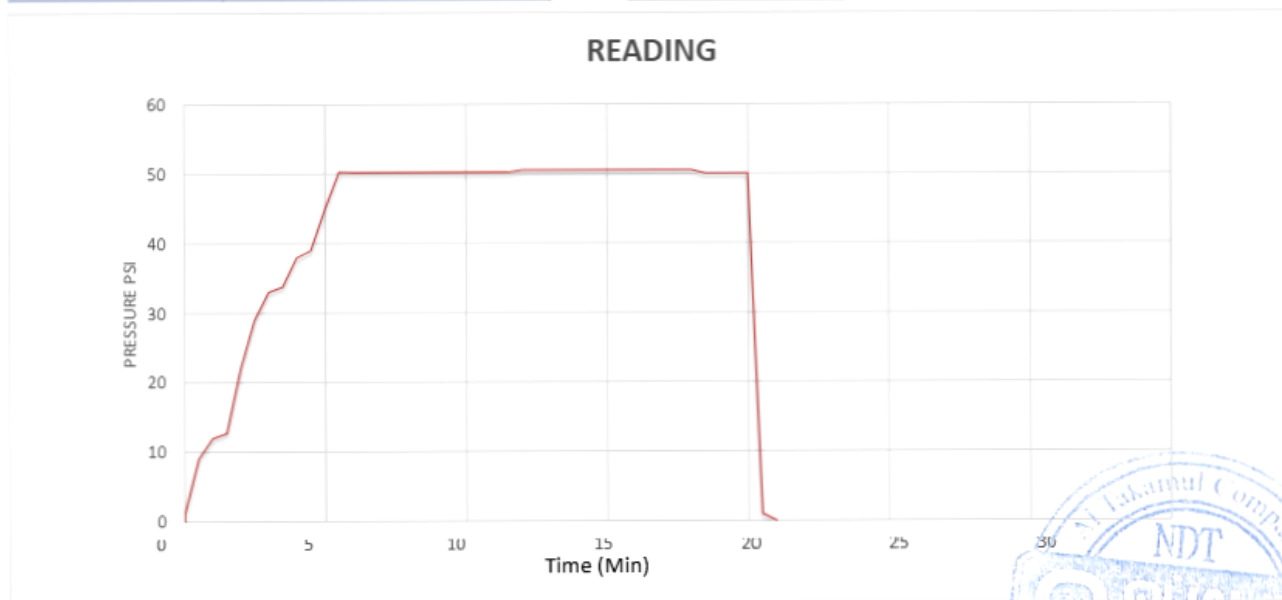
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Data Collection Report

Gauge Information	
Serial Number	218230280019
Model	ADT680W-25-GP30K-PSI-AM
Calibration Date	1-Mar-25
Range	30000 PSI

Run Info	
Start Time	9:26 AM
Stop Time	9:47 AM
Test Date	28-Mar-25
EQ NUMBER	2082400



TESTED BY : Ahmed Omran
APPROVED BY: Roddy Haleem
COMMENTS: Body/ Shell Test

SIGN: *Ahmed Omran*

SIGN: *Roddy Haleem*

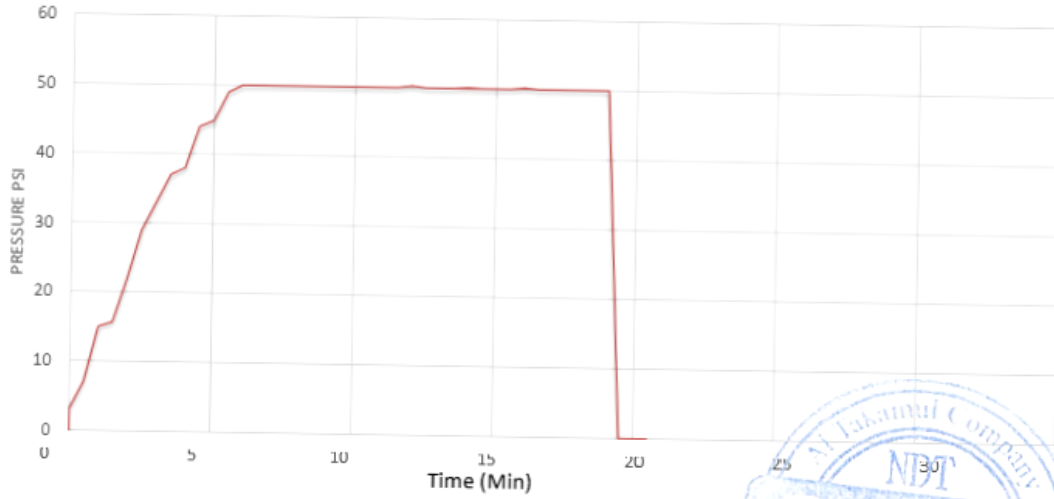


Data Collection Report

Gauge Information	
Serial Number	218230280019
Model	ADT680W-25-GP30K-PSI-AM
Calibration Date	1-Mar-25
Range	30000 PSI

Run Info	
Start Time	10:29 AM
Stop Time	10:48 AM
Test Date	28-Mar-25
EQ NUMBER	2082400

READING

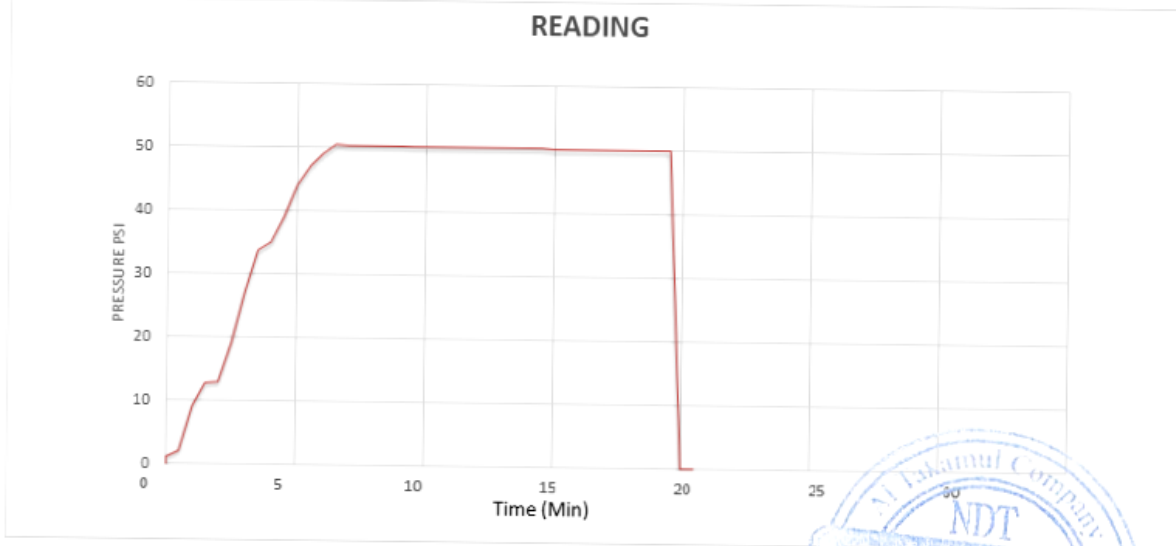


TESTED BY : Ahmed Omran
APPROVED BY: Roddy Haleem
COMMENTS: Valve Test#2 (Test against gas and liquid outlet valves)

Data Collection Report

Gauge Information	
Serial Number	218230280019
Model	ADT680W-25-GP30K-PSI-AM
Calibration Date	1-Mar-25
Range	30000 PSI

Run Info	
Start Time	9:58 AM
Stop Time	10:18 AM
Test Date	28-Mar-25
EQ NUMBER	2082400



TESTED BY : Ahmed Omran

APPROVED BY: Roddy Haleem

COMMENTS: Valve Test (Test against gas and liquid outlet valves, Liquid outlet closed, drain closed, pressure control valve closed)

SIGN: 

SIGN: 

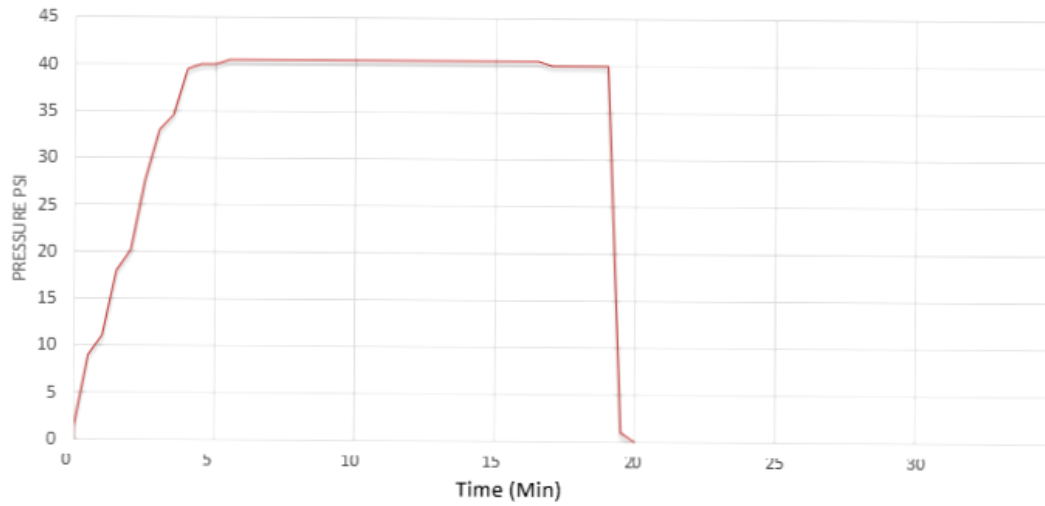


Data Collection Report

Gauge Information	
Serial Number	218230280019
Model	ADT680W-25-GP30K-PSI-AM
Calibration Date	1-Mar-25
Range	30000 PSI

Run Info	
Start Time	11:30 AM
Stop Time	11:48 AM
Test Date	28-Mar-25
EQ NUMBER	2082400

READING



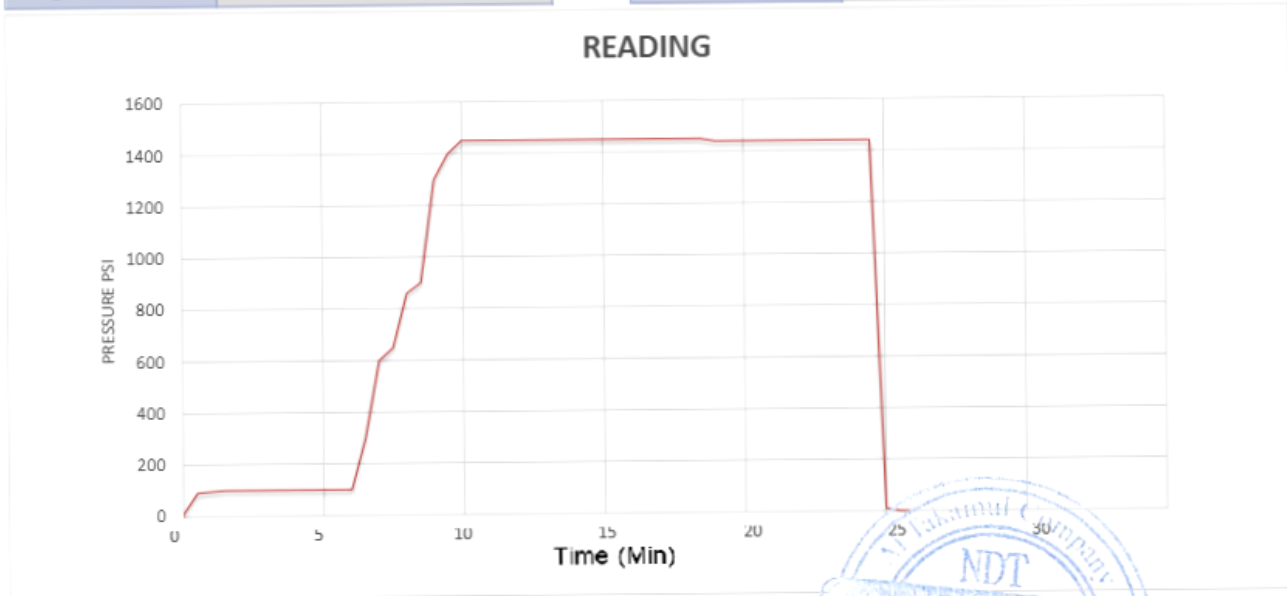
TESTED BY : Ahmed Omran
APPROVED BY: Roddy Haleem
COMMENTS: Body Test @90% of PRV Set Point



Data Collection Report

Gauge Information	
Serial Number	218230280019
Model	ADT680W-25-GP30K-PSI-AM
Calibration Date	1-Mar-25
Range	30000 PSI

Run Info	
Start Time	12:12 PM
Stop Time	12:37 PM
Test Date	28-Mar-25
EQ NUMBER	2082400



TESTED BY : Ahmed Omran
APPROVED BY: Roddy Haleem
COMMENTS: Inlet/ Bypass Valve Test

