

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



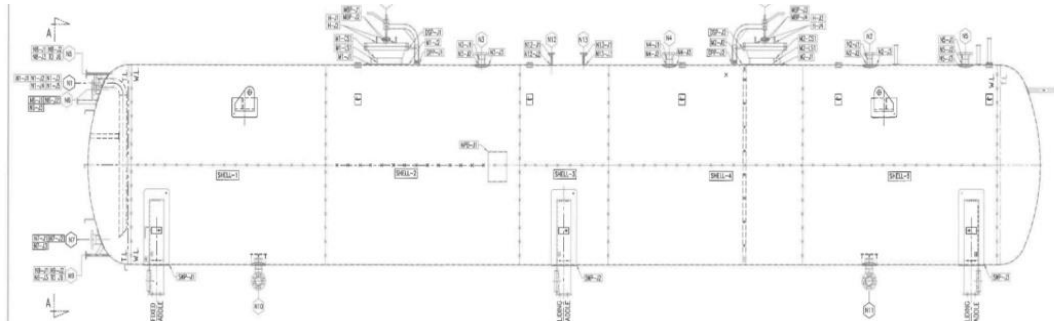
CERTIFICATE OF QUALIFICATION VISUAL AND WITNESS PRESSURE TEST

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIEREMENTS

CLIENT:	TAREEK ALSALEM	REPORT No.:	QC-25-05-TAS-NDT-ST072-001
LOCATION:	TAREEK ALSALEM YARD	JOB NO :	5052025
WORK ORDER #	***	SPECIFICATION:	ASME B31.1-2024 LATEST EDITION / CUSTOMER SPECIFICATION
DATE OF INSPECTION :	Wednesday, May 7, 2025		
TYPE OF INSPECTION:	VISUAL INSPECTION AND WITNESS PRESSURE TEST		
DESCRIPTION:	STORAGE TANK 465 BBL 50PSI	STORAGE TANK SAP.NO	13214072
		STORAGE TANK SERIAL NO:	SO18670-3
BODY PRESSURE TEST	50 psi	HOLDING TIME:	15 MINUTES
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

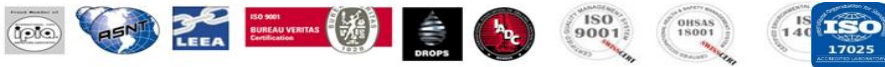
PRESSURE TEST: The Above Storage Tank Body Was Tested Up to 50 PSI Maximum Working pressure, Hold For 15 min no Leak was Found while testing & Pressure Was Stable According To Chart Recorder

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.SHAHZAD ALMUTTAJI	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT CP-1, PT, UT, VT	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

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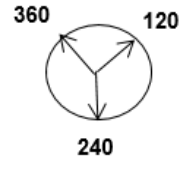
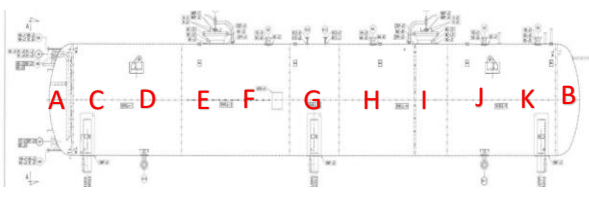
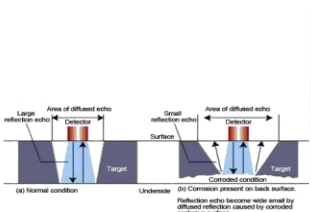


CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK ALSALEM	REPORT No.:	QC-25-05-TAS-NDT-ST072-002
LOCATION:	TAREEK ALSALEM YARD	JOB NO :	5052025
WORK ORDER #	****	SPECIFICATION:	ASTM E709 -21 LATEST EDITION & ASTM E797 -21 LATEST EDITION
INSPECTION DATE:	Tuesday, May 6, 2025	NEXT INSPECTION DATE:	Tuesday, May 5, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	STORAGE TANK 465 BBL 50PSI	STORAGE TANK SAP.NO	13214072
		STORAGE TANK SERIAL NO:	SO18670-3
LETT SIDE & RIGHT SIDE MINIMUM THICKNESS	8 MM	LETT SIDE & RIGHT SIDE CORROSION ALLOWANCE	3 MM
SHELL NOMINAL THICKNESS	9 MM	SHELL CORROSION ALLOWANCE	3 MM



[ONLINE TRACEABILITY](#)

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

THICKNESS POINTS AREA	WALL THICKNESS RESULT			MINIMUM THICKNESS	CORROSION ALLOWANCE	FINAL REMARKS		
	120°	240°	360°					
STORAGE TANK LEFT SIDE A1	11.59	11.68	11.76	8 MM	3 MM	SATISFACTORY		
STORAGE TANK LEFT SIDE A2	11.47	11.40	11.82					
STORAGE TANK LEFT SIDE A3	11.54	11.60	11.69					
STORAGE TANK RIGHT SIDE B1	11.67	11.55	11.43					
STORAGE TANK RIGHT SIDE B2	11.52	11.59	11.49					
STORAGE TANK RIGHT SIDE B3	11.52	11.45	11.55					
THICKNESS POINTS AREA	WALL THICKNESS RESULT			NOMINAL THICKNESS				
	120°	240°	360°	9 MM				
STORAGE TANK SHELL C	9.79	9.86	9.87					
STORAGE TANK SHELL D	9.72	9.88	9.76					
STORAGE TANK SHELL E	9.81	9.69	9.99					
STORAGE TANK SHELL F	9.86	9.87	9.75					
STORAGE TANK SHELL G	9.79	9.80	9.87					
STORAGE TANK SHELL H	9.77	9.79	9.88					
STORAGE TANK SHELL I	9.83	9.84	9.75					
STORAGE TANK SHELL J	9.70	9.88	9.63					
STORAGE TANK SHELL K	9.77	9.85	9.77					

INSPECTION RESULT

VT &MPI	Accepted	ACCORDING TO ASTM E709 -21 LATEST EDITION
UT	Accepted	ACCORDING TO ASTM E797 -21 LATEST EDITION
BODY	Accepted	These Are The Actual Readings Need To Follow As Per OEM DATA

Inspection Evaluation

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

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS

AC YOKE S.N:	201504052	CAL DUE DATE	07-OCT-2025	White Contrast WCP 2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	09-OCT-2025		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	5500391	CAL DUE DATE	07-OCT-2025	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	08-OCT-2025		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	07-OCT-2025	Concentration Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3610 lux						

PERSON DETAILS

REVIEW BY

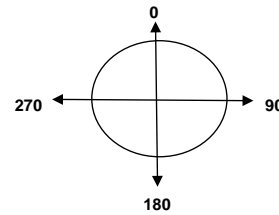
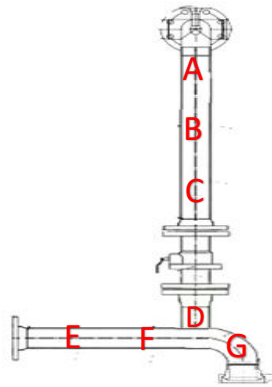
INSPECTOR NAME:	M. SHAHZAD AHMED	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	



CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

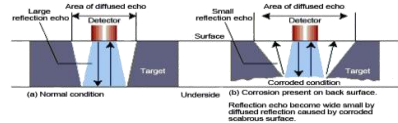
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK ALSALEM	REPORT No.:	QC-25-05-TAS-NDT-ST072-003
LOCATION:	TAREEK ALSALEM YARD	JOB NO :	5052025
WORK ORDER #	****	SPECIFICATION:	ASTM E709 -21 LATEST EDITION & ASTM E797 -21 LATEST EDITION
INSPECTION DATE:	Tuesday, May 6, 2025	NEXT INSPECTION DATE:	Tuesday, May 5, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	STORAGE TANK INLET LINE	STORAGE TANK SAP.NO	13214072
		STORAGE TANK SERIAL NO:	SO18670-3



ONLINE TRACEABILITY

* ALL READINGS IN MM



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION	ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°			
A	5.37	5.31	5.35	5.34	3 MM	SATISFACTORY	
B	5.35	5.27	5.32	5.38			
C	5.26	5.19	5.27	5.30			
D	5.22	5.14	5.19	5.21			
E	5.26	5.28	5.13	5.31			
F	5.18	5.10	5.15	5.25			
G	5.30	5.32	5.22	5.41			

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709 -21 LATEST EDITION
UT	Accepted	ACCORDING TO ASTM E797 -21 LATEST EDITION

Inspection Evaluation

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

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

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	07-OCT-2025	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	09-OCT-2025		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	5500391	CAL DUE DATE	07-OCT-2025	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	08-OCT-2025		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	07-OCT-2025	Concentration Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3610 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M. SHAHZAD AHMED	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

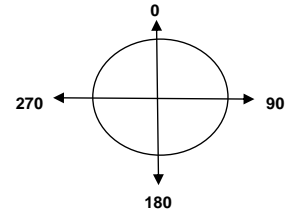
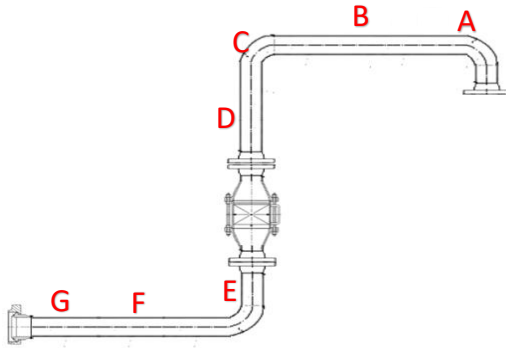
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CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

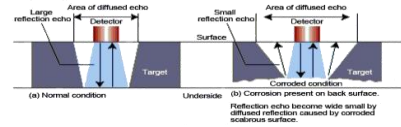
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK ALSALEM	REPORT No.:	QC-25-05-TAS-NDT-ST072-004
LOCATION:	TAREEK ALSALEM YARD	JOB NO :	5052025
WORK ORDER #	****	SPECIFICATION:	ASTM E709 -21 LATEST EDITION & ASTM E797 -21 LATEST EDITION
INSPECTION DATE:	Tuesday, May 6, 2025	NEXT INSPECTION DATE:	Tuesday, May 5, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	STORAGE TANK VENT LINE	STORAGE TANK SAP.NO	13214072
		STORAGE TANK SERIAL NO:	SO18670-3



ONLINE TRACEABILITY

* ALL READINGS IN MM



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	5.45	5.26	5.17	5.14	3 MM	SATISFACTORY
B	5.37	5.29	5.34	5.27		
C	5.42	5.44	5.22	5.25		
D	5.38	5.35	5.40	5.46		
E	5.50	5.38	5.32	5.35		
F	5.44	5.36	5.41	5.47		
G	5.37	5.41	5.34	5.26		

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709 -21 LATEST EDITION
UT	Accepted	ACCORDING TO ASTM E797 -21 LATEST EDITION

Inspection Evaluation

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

UT-The Above Item Was Found Acceptable As Per ASTM E797 -21 LATEST EDITION

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	07-OCT-2025	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	09-OCT-2025		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	5500391	CAL DUE DATE	07-OCT-2025	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	08-OCT-2025		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	07-OCT-2025	Concentration Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3610 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.SHAHZAD AHMED	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	AI TAKAMUL COMPANY	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

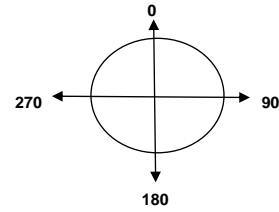
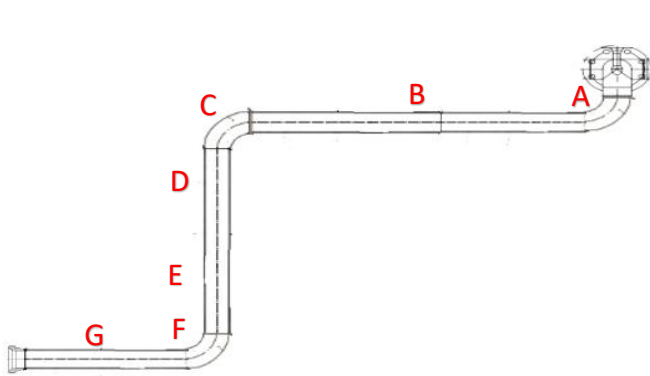
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CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

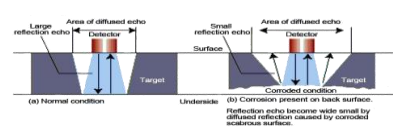
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIEREMENTS

CLIENT:	TAREEK ALSALEM	REPORT No.:	QC-25-05-TAS-NDT-ST072-005
LOCATION:	TAREEK ALSALEM YARD	JOB NO :	5052025
WORK ORDER #	****	SPECIFICATION:	ASTM E709 -21 LATEST EDITION & ASTM E797 -21 LATEST EDITION
INSPECTION DATE:	Tuesday, May 6, 2025	NEXT INSPECTION DATE:	Tuesday, May 5, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	STORAGE TANK RELIEF LINE	STORAGE TANK SAP.NO	13214072
		STORAGE TANK SERIAL NO:	SO18670-3



ONLINE TRACEABILITY

* ALL READINGS IN MM



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	5.34	5.32	5.29	5.26	3 MM	SATISFACTORY
B	5.36	5.28	5.33	5.39		
C	5.19	5.21	5.20	5.23		
D	5.15	5.07	5.12	5.18		
E	5.27	5.29	5.09	5.12		
F	5.21	5.13	5.18	5.24		
G	5.05	5.07	5.17	5.20		

INSPECTION RESULT

VT &MPI	Accepted	ACCORDING TO ASTM E709 -21 LATEST EDITION
UT	Accepted	ACCORDING TO ASTM E797 -21 LATEST EDITION

Inspection Evaluation

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

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS

AC YOKE S.N:	201504052	CAL DUE DATE	07-OCT-2025	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	09-OCT-2025		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	5500391	CAL DUE DATE	07-OCT-2025	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	08-OCT-2025		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	07-OCT-2025	Concentration Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3610 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:	

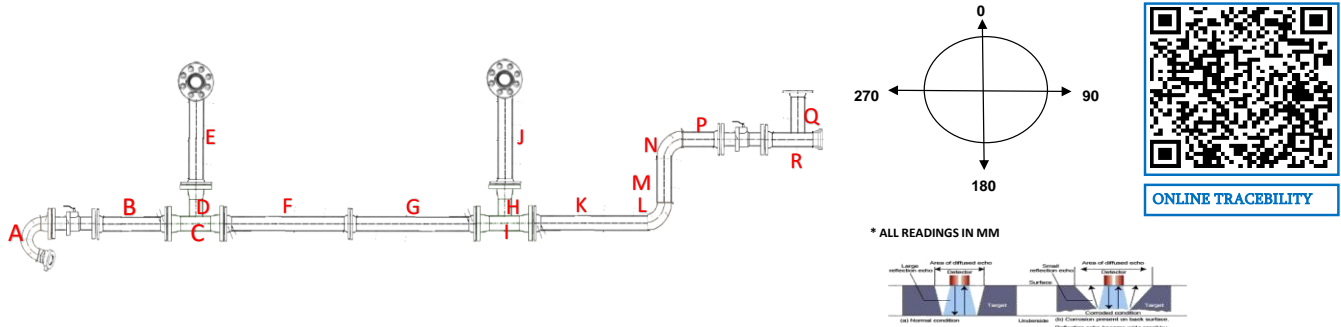
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CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEK ALSALEM	REPORT No.:	QC-25-05-TAS-NDT-ST072-006
LOCATION:	TAREEK ALSALEM YARD	JOB NO :	5052025
WORK ORDER #	****	SPECIFICATION:	ASTM E709 -21 LATEST EDITION & ASTM E797 -21 LATEST EDITION
INSPECTION DATE:	Tuesday, May 6, 2025	NEXT INSPECTION DATE:	Tuesday, May 5, 2026
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	STORAGE TANK DRAIN LINE	STORAGE TANK SAP.NO	13214072
		STORAGE TANK SERIAL NO:	SO18670-3



THICKNESS POINTS AREA	WALL THICKNESS RESULT				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	5.27	5.39	5.30	5.37	3 MM	SATISFACTORY
B	5.34	5.26	5.31	5.37		
C	5.20	5.49	5.58	5.61		
D	5.82	5.74	5.79	5.85		
E	5.20	5.22	5.14	5.17		
F	5.16	5.12	5.20	5.14		
G	5.25	5.27	5.10	5.13		
H	5.65	5.57	5.62	5.68		
I	5.77	5.79	5.64	5.67		
J	5.50	5.36	5.41	5.47		
K	5.54	5.46	5.51	5.57		
L	5.48	5.50	5.29	5.33		
M	5.39	5.31	5.39	5.45		
N	5.36	5.38	5.38	5.41		
P	5.40	5.38	5.44	5.35		
Q	5.36	5.33	5.38	5.37		
R	5.39	5.41	5.35	5.44		

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASTM E709 -21 LATEST EDITION
UT	Accepted	ACCORDING TO ASTM E797 -21 LATEST EDITION

Inspection Evaluation

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

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

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	07-OCT-2025	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	09-OCT-2025		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	5500391	CAL DUE DATE	07-OCT-2025	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	08-OCT-2025		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	07-OCT-2025	Concentration Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3610 lux						

PERSON DETAILS

REVIEW BY



INSPECTOR NAME:	M.SHAHZAD AHMED	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT CP-1	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

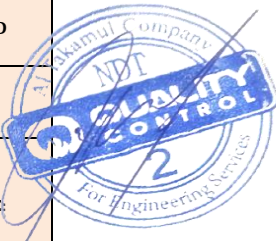
AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	TAREEK ALSALEM	Report No:	QC-25-05-TAS-NDT-ST072-007	
Location:	TAREEK ALSALEM YARD	JOB NO:	1342025	
Inspection Date:	Tuesday, May 6, 2025	Next Inspection Date:	Tuesday, May 5, 2026	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 -21 LATEST EDITION	
	UNIT DESCRIPTION:	BALON VALVE 4" 150 CL		
	UNIT S/N:	120260477-127		
	STORAGE TANK SAP NO :	13214072		
	STORAGE TANK SERIAL NO:	SO18670-3		
	INSPECTION RESULT :			
	VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION		
	MAGNETIC PARTICLE INSPECTION	Available critical areas inspected and found free from cracks and other defects		
	FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED		
COMMENT:				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME: M.SHAHZAD AHMED		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	7-Oct-25	Cal Due Date:	9-Oct-25	Cal Due Date:	7-Oct-25			STAMP & SIGNATURE:	CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	JUNE.2026					
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026					
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					

Original - Client Files Conv - Area Office OC/EN/MPI/065 Rev.00 DATED 07 NOV 2021

Address: Noth Rumaila, AI Takamul Yard
Contact: +9647810009138

Tel: +9647810009138 / +9647834964657

Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com





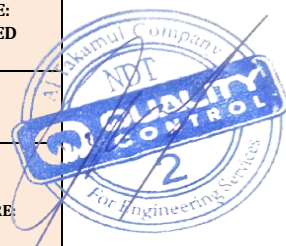
AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	TAREEK ALSALEM	Report No:	QC-25-05-TAS-NDT-ST072-008
Location:	TAREEK ALSALEM YARD	JOB NO:	1342025
Inspection Date:	Tuesday, May 6, 2025	Next Inspection Date:	Tuesday, May 5, 2026
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 -21 LATEST EDITION
		UNIT DESCRIPTION:	BALON VALVE 4" 150 CL
		UNIT S/N:	120260477-171
		STORAGE TANK SAP NO :	13214072
		STORAGE TANK SERIAL NO:	SO18670-3
		INSPECTION RESULT :	
VISUAL , THOROUGH EXAMINATION		VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
MAGNETIC PARTICLE INSPECTION		Avaliable critical areas inspected and found free from cracks and other defects	
FINAL RESULTS		THE ABOVE INSPECTED AREAS WAS ACCEPTED	
COMMENT:			
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME: M.SHAHZAD AHMED		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	7-Oct-25	Cal Due Date:	9-Oct-25	Cal Due Date:	7-Oct-25			STAMP & SIGNATURE:	CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	JUNE.2026					
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026					
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					

Original - Client Files Conv - Area Office OC/EN/MPI/065 Rev.00 DATED 07 NOV 2021

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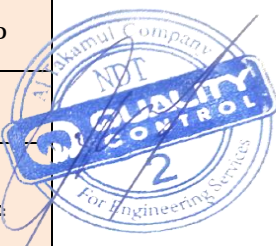
AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	TAREEK ALSALEM	Report No:	QC-25-05-TAS-NDT-ST072-009
Location:	TAREEK ALSALEM YARD	JOB NO:	1342025
Inspection Date:	Tuesday, May 6, 2025	Next Inspection Date:	Tuesday, May 5, 2026
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 -21 LATEST EDITION
		UNIT DESCRIPTION:	BALON VALVE 4" 150 CL
		UNIT S/N:	8889
		STORAGE TANK SAP NO :	13214072
		STORAGE TANK SERIAL NO:	SO18670-3
		INSPECTION RESULT :	
		VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
MAGNETIC PARTICLE INSPECTION	Available critical areas inspected and found free from cracks and other defects		
FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED		
COMMENT:			
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME: M.SHAHZAD AHMED		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	7-Oct-25	Cal Due Date:	9-Oct-25	Cal Due Date:	7-Oct-25			STAMP & SIGNATURE:	CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	JUNE.2026					
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026					
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					

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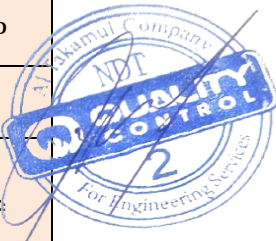
AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	TAREEK ALSALEM	Report No:	QC-25-05-TAS-NDT-ST072-010	
Location:	TAREEK ALSALEM YARD	JOB NO:	1342025	
Inspection Date:	Tuesday, May 6, 2025	Next Inspection Date:	Tuesday, May 5, 2026	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification:	ASTM E709 -21 LATEST EDITION
		UNIT DESCRIPTION:	BALON VALVE 4" 150 CL	
		UNIT S/N:	8899	
		STORAGE TANK SAP NO :	13214072	
		STORAGE TANK SERIAL NO:	SO18670-3	
		INSPECTION RESULT :		
VISUAL , THOROUGH EXAMINATION		VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION		
MAGNETIC PARTICLE INSPECTION		Avaliable critical areas inspected and found free from cracks and other defects		
FINAL RESULTS		THE ABOVE INSPECTED AREAS WAS ACCEPTED		
COMMENT:				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME: M.SHAHZAD AHMED		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	7-Oct-25	Cal Due Date:	9-Oct-25	Cal Due Date:	7-Oct-25			STAMP & SIGNATURE:	CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	JUNE.2026					
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026					
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					

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AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	TAREEK ALSALEM	Report No:	QC-25-05-TAS-NDT-ST072-011
Location:	TAREEK ALSALEM YARD	JOB NO:	5052025
Inspection Date:	Tuesday, May 6, 2025	Next Inspection Date:	Tuesday, May 5, 2026
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 -21 LATEST EDITION
		UNIT DESCRIPTION:	4" FLAME ARRESTER 150 CL
		UNIT S/N:	9998
		STORAGE TANK SAP NO :	13214072
		STORAGE TANK SERIAL NO:	SO18670-3
		INSPECTION RESULT :	
VISUAL , THOROUGH EXAMINATION		VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
MAGNETIC PARTICLE INSPECTION		Available critical areas inspected and found free from cracks and other defects	
FINAL RESULTS		THE ABOVE INSPECTED AREAS WAS ACCEPTED	
COMMENT:			
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME: M.SHAHZAD AHMED		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	7-Oct-25	Cal Due Date:	9-Oct-25	Cal Due Date:	7-Oct-25			STAMP & SIGNATURE:	CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	JUNE.2026					
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026					
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					

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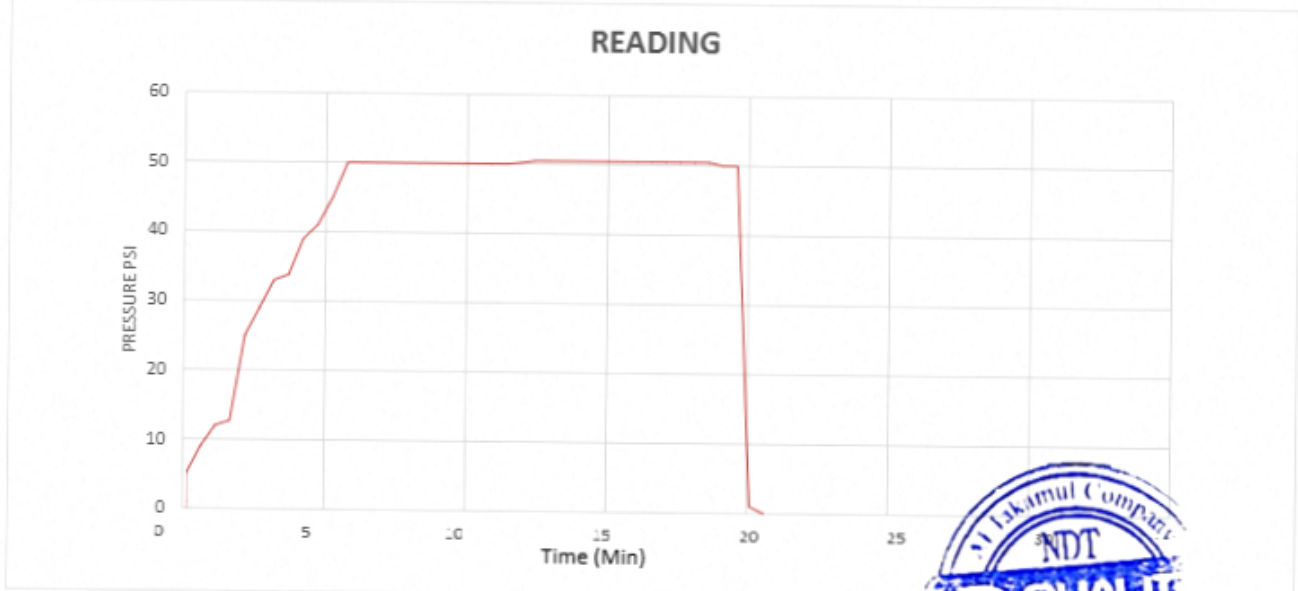
Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



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	8:30 AM
Stop Time	8:50 AM
Test Date	7-May-25
EQ NUMBER	13214072



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

SIGN: *[Signature]*

SIGN: *[Signature]*