

CERTIFICATE OF VISUAL INSPECTION AND ULTRASONIC THICKNESS GAUGING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-03-TSS-HALL-NDT-074
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	JOB NO :	QC-24-03-TSS-NDT-HALL-03
WORK ORDER #	326362800	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition Manufacturing Date Book
INSPECTION DATE:	Monday, March 18, 2024	INSP. DUE DATE:	Monday, March 17, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	STORAGE TANK 450BBL 50PSI	SAP NO.:	13336975
MANUFACTURER:	AL SHIRAWI EQUIPMENT COMPANY LLC	MANUFACTURER SERIAL NO:	10567-2
LETT SIDE & RIGHT SIDE MINIMUM THICKNESS	7 MM	LETT SIDE & RIGHT SIDE CORROSION ALLOWANCE	3.18 MM
SHELL NOMINAL THICKNESS	8 MM	SHELL CORROSION ALLOWANCE	3.18 MM

INSPECTION DETAILS

A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C:6'O CLOCK / AFT

* ALL READINGS IN INCH

ANGLE	THICKNESS AT POSITION			MINIMUM THICKNESS	CORROSION ALLOWANCE	FINAL REMARKS		
	120°	240°	360°					
STORAGE TANK LEFT SIDE A1	0.333	0.338	0.354	7 MM 0.275 INCH	3.18 MM 0.125 INCH	SATISFACTORY		
STORAGE TANK LEFT SIDE A2	0.340	0.353	0.356					
STORAGE TANK LEFT SIDE A3	0.344	0.350	0.349					
STORAGE TANK RIGHT SIDE B1	0.336	0.345	0.351					
STORAGE TANK RIGHT SIDE B2	0.347	0.360	0.347					
STORAGE TANK RIGHT SIDE B3	0.352	0.344	0.335					
ANGLE	THICKNESS AT POSITION			NOMINAL THICKNESS				
	120°	240°	360°	8 MM 0.314 INCH				
STORAGE TANK SHELL C	0.345	0.354	0.357					
STORAGE TANK SHELL D	0.352	0.358	0.365					
STORAGE TANK SHELL E	0.362	0.365	0.347					
STORAGE TANK SHELL F	0.351	0.358	0.364					
STORAGE TANK SHELL G	0.355	0.363	0.351					
STORAGE TANK SHELL H	0.355	0.362	0.353					

INSPECTION RESULT

VT & UT	Accepted	According to ASTM E797 & ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Manufacturing Date Book

Inspection Evaluation

U.T-The Above Item Was Found Acceptable As Per ASTM E797 & ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	12-Aug-24	White Contrast WCP 2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	14-Aug-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Aug-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	14-Aug-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	12-Aug-24	Fluorescent Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3630 lux						

PERSON DETAILS

REVIEW BY

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

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