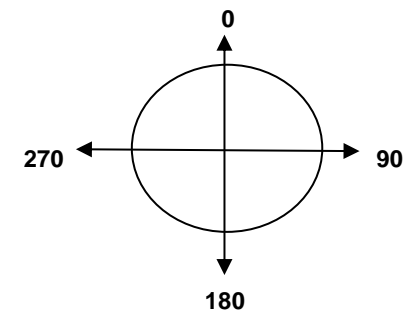
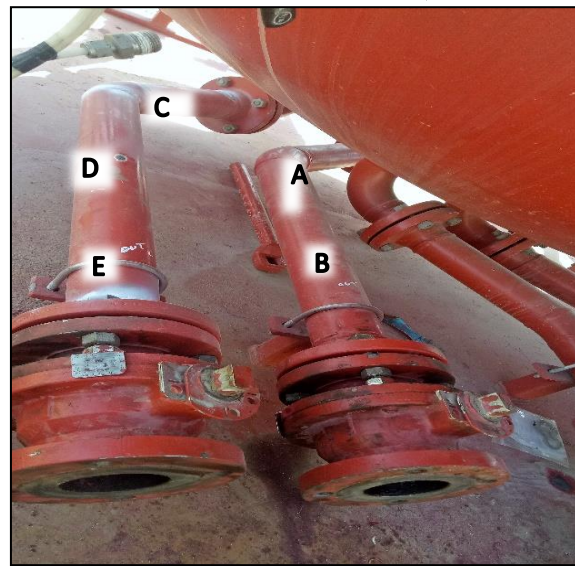
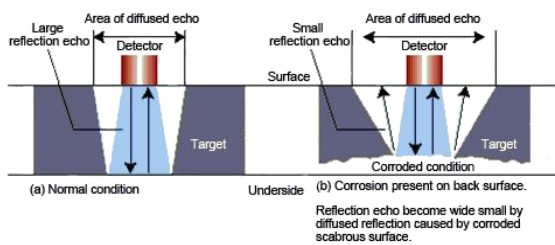


**CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION & PRESSURE TEST**

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	<b>HALLIBURTON</b>	REPORT No.:	QC-24-01-TSS-005-NDT-006
LOCATION:	<b>TSS WORKSHOP &amp; INSPECTION TEST AREA</b>	STANDARD:	ASME SECTION VIII DIV 1 Latest Edition
WORK ORDER #	326104073	SPECIFICATION:	Halliburton Acceptance Criteria H2S STANDARD NACE MQ-01-75 Manufacturing Date Book Specialist Services
DATE:	13-JAN-2024	INSP. DUE DATE:	<b>12-Jan-2025</b>
TYPE OF INSPECTION:	<b>VISUAL INSPECTION, PRESSURE TEST AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING</b>		

DESCRIPTION:	OIL OUTLET LINE SURGE TANK 50BBL 250PSI	SAP NO.:	12006761
MANUFACTURER:	SPECIALIST SERVICES	SERIAL NO.:	SO 3341-4
<b>INSPECTION DETAILS</b>			
Max. Working Pressure:	250 PSI	Holding Time:	15 Min
Pump S.N.:	13119220 Cal DUE. AUG.2024	Pressure Gauge NO.:	468066 Cal DUE. AUG.2024



ONLINE TRACEABILITY

A:12'O CLOCK / FORWARD  
B:3'O CLOCK / CENTER  
C :6'O CLOCK / AFT  
  
\* ALL READINGS IN INCH  
\*\*MINIMUM THICKNESS PROVIDED BY CUSTMER

ANGLE					NOMINAL THICKNESS	FINAL REMARKS
	0°	90°	180°	270°		
A	0.301	0.310	0.313	0.319	11.13 MM 0.438 INCH	SATISFACTORY
B	0.308	0.314	0.324	0.328		
C	0.318	0.320	0.320	0.324		
D	0.307	0.314	0.324	0.328		
E	0.311	0.319	0.317	0.326		

**INSPECTION RESULT**

VT & MPI	Accepted	* ACCORDING TO ASTM E709(70.94158).
UT	Accepted	According to Halliburton Procedure (H2S STANDERD NACE MQ-01-75) ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book Specialist Services
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Halliburton Acceptance Criteria

**Inspection Evaluation**

**(MPI)** The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To The Halliburton Specification ASTM E709 (70.94158)

**U.T-**The Above Item Was Found Acceptable As Per Halliburton Procedure H2S STANDARD NACE MQ-01-75 ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book Specialist Services

**Pressure Test-**The Above Item was Pressure Tested 250 PSI Maximum Working pressure Hold On 15 min no Leak was Realized while testing & Pressure Was Stable Accordance To Chart Recorder Attached

**INSPECTION EQUIPMENT DETAILS**

**TECHNICAL DETAILS**

AC YOKE S.N:	201504048	CAL DUE DATE	14-Feb-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Feb-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	16-Feb-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	16-Feb-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	14-Feb-24	Fluorescent Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3630 lux						

**PERSON DETAILS**

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

Original - Client Files Copy - Area Office QC/EN/P1/077 Rev.00 DATED 07.NOV. 2021

