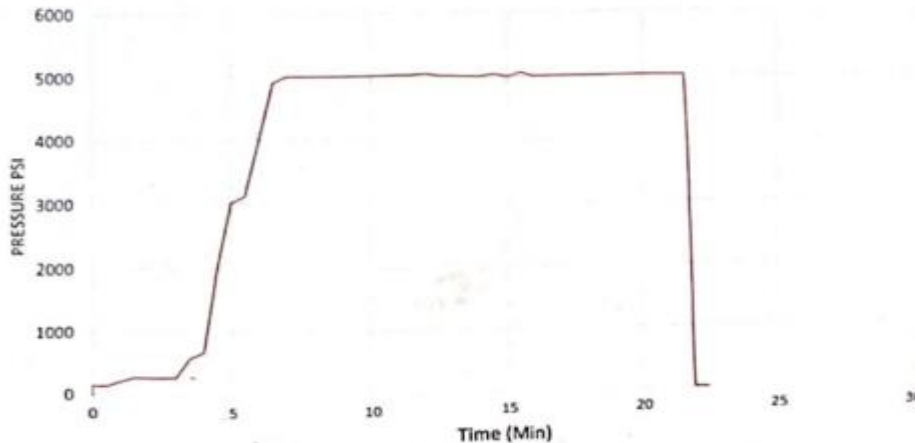


**CERTIFICATE OF QUALIFICATION VISUAL AND WITNESS PRESSURE TEST**

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	<b>HALLIBURTON</b>	REPORT No.:	QC-25-01-TSS-HALL-NDT-MPFM-001
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	SPECIFICATION:	ASME B31.1 / CUSTOMER SPECIFICATION
WORK ORDER #	327513595		
DATE OF INSPECTION :	Tuesday, January 21, 2025	INSP. DUE DATE:	<b>Tuesday, January 20, 2026</b>
TYPE OF INSPECTION:	<b>VISUAL INSPECTION AND WITNESS PRESSURE TEST</b>		
DESCRIPTION:	MULTI PHASE FLOW METER 5K ( MPFM )	SAP NO:	<b>12364984</b>
LOW PRESSURE TEST	300 psi	HOLDING TIME:	05 MINUTES
MAXIMUM WORKING PRESSURE TEST	5000 Psi	HOLDING TIME:	15 MINUTES
Pump NO.::	EQ NO:13119220	CAL DUE DATE:	19.AUG.2025
Pressure Gauge NO.:	218230280019	CAL DUE DATE:	06.MARCH.2025



ONLINE TRACEABILITY


**PRESSURE TEST WITNESS RESULT**

**BODY PRESSURE TEST**

The Above Item was Pressure Tested up to 300 PSI A low Pressure Hold for 5 min And Maximum Working pressure 5.000 psi Hold 15 min no Leak was Realized while testing & Pressure Was Stable Accordance To Chart Recorder Attached

**PERSON DETAILS**

**REVIEW BY**

INSPECTOR NAME:	M. Shanzad 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/FN/PT/077 Rev.00 DATED 07.NOV. 2021

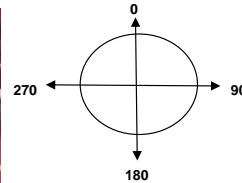
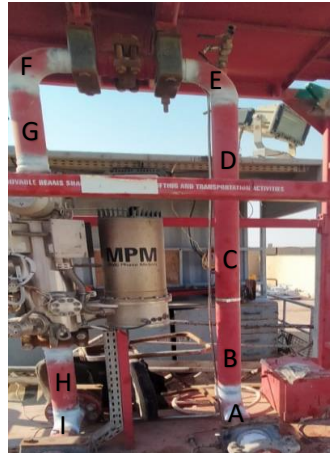


**CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION**

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	<b>HALLIBURTON</b>	REPORT No.:	QC-25-01-TSS-HALL-NDT-MPFM-002
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	JOB NO :	150125
WORK ORDER #	327513595	SPECIFICATION:	ASTM E709 & ASTM E 797
INSPECTION DATE:	Wednesday, January 15, 2025	INSPECTION . DUE DATE:	<b>Wednesday, January 14, 2026</b>
TYPE OF INSPECTION:	<b>VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING</b>		
DESCRIPTION:	MULTI PHASE FLOW METER 5K ( MPFM )	SAP NO:	12364984

**INSPECTION DETAILS**



ONLINE TRACEABILITY

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



THICKNESS POINTS	THICKNESS AT POSITION				MINIMUM THICKNESS	FINAL REMARKS
	0°	90°	180°	270°		
A	15.29	15.38	15.26	15.28	13.35 MM	SATISFACTORY
B	15.02	15.32	15.14	15.19		
C	15.19	15.27	15.45	15.33		
D	15.22	15.31	15.34	15.27		
E	15.15	15.23	15.37	15.44		
F	15.57	15.65	15.38	15.50		
G	15.31	15.40	15.43	15.36		
H	15.66	15.74	15.81	15.62		
I	15.68	15.80	15.57	15.69		

**INSPECTION RESULT**

VT & MPI	Accepted	ACCORDING TO ASTM E709
UT	Accepted	ACCORDING TO ASTM E 797 & Manufacturing Date Book
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Manufacturing Date Book

**Inspection Evaluation**

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

U.T-The Above Item Was Found Acceptable As Per ASTM E 797 & Manufacturing Date Book

**INSPECTION EQUIPMENT DETAILS**

**TECHNICAL DETAILS**

AC YOKE S.N:	201504048	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	220602	JUN,2025
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	220605	JULY,2025	
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Fluorescent Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3660 lux						

**PERSON DETAILS**

**REVIEW BY**

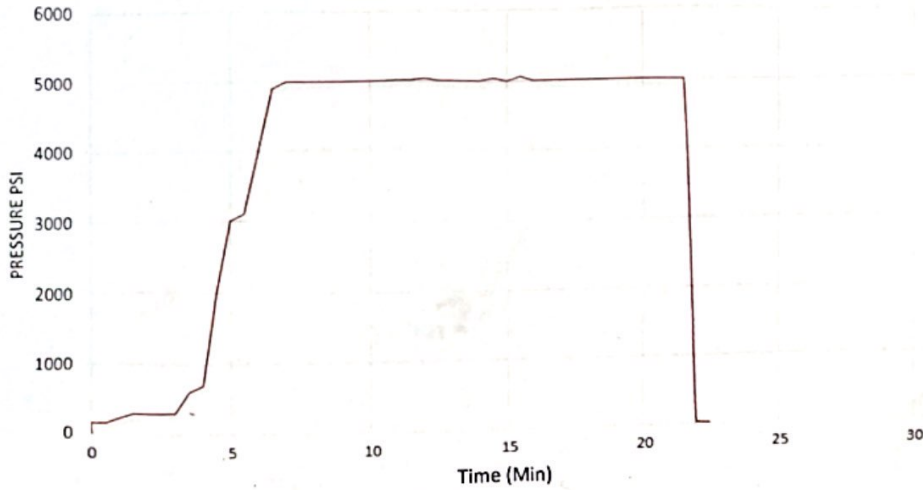
INSPECTOR NAME:	M.SHAHZAD AHMED	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	NDT Level II	INSPECTION SUPERVISOR:	HANI ALI	HSIGN	
SIGNATURE & STAMP:				DATE:	

# Data Collection Report

Gauge Information	
Serial Number	218230280019
Model	ADT680W-25-GP30K-PSI-AM
Calibration Date	7-Mar-24
Range	30000 PSI

Run Info	
Start Time	2:18 PM
Stop Time	2:40 PM
Test Date	21-Jan-25
EQ NUMBER	12364984

## READING



TESTED BY : Feras Abbas  
APPROVED BY: Khaldoon Asad  
COMMENTS: Body Test

