

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

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-05-TSS-NDT-021
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	STANDARD:	ASTM E709 & ASTM E797 & ASME B31.1
WORK ORDER #	326589884		
DATE OF INSP:	Wednesday, May 29, 2024	INSP. DUE DATE:	Wednesday, May 28, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING & WITNESS PRESSURE TEST		

DESCRIPTION:	SSV 3 1/16" 15K	CHOKE MANIFOLD #	11483048
MANUFACTURER:	WORD WIDE OIL FIELD	SERIAL NO:	101869561

INSPECTION DETAILS

Max. Working Pressure:	15,000 PSI	Holding Time:	15 Min
Low pressure:	300 PSI	Holding Time:	05 Min
Pump S.N.:	13119220 Cal DUE. AUG.2024	Pressure Gauge NO.:	218230280019 Cal DUE. MARCH.2025

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

ANGLE	THICKNESS POINTS AREA				MINIMUM THICKNESS INCHES		
	SECTION-1 A	SECTION-1 B	SECTION-2	SECTION-3	SECTION-1	SECTION-2	SECTION-3
0°	1.452	1.480	2.965	2.904	1.290	2.650	2.460
90°	1.464	1.478	2.951	2.919	1.290	2.650	2.460
180°	1.471	1.489	2.903	2.861	1.290	2.650	2.460
270°	1.475	1.481	2.940	2.954	1.290	2.650	2.460

INSPECTION RESULT

VT & MPI	Accepted	* ACCORDING TO ASTM E709
UT	Accepted	According to ASTM E 797
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 ASTM E709
U.T-The Above Item Was Found Acceptable As Per ASTM E 797
Pressure Test-The Above Item was Pressure Tested up to 300 PSI a low Pressure Hold for 5 min And Maximum Working pressure 15.000 psi Hold 15 min no Leak was Realized while testing & Pressure Was Stable Accordance To Chart Recorder Attached

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS



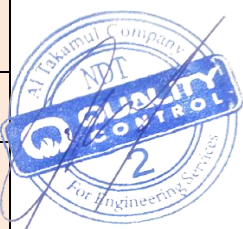
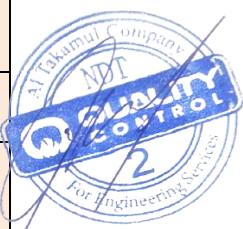
AC YOKE S.N:	201504052	CAL DUE DATE	14-Oct-24	White Contrast WCP-2	MANUFACTURER	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24		Magnaflux	220602	JUN.2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24	Black Magnetic Ink 7HF	MANUFACTURER	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24		Magnaflux	220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-24	Fluorescent Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3680 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahzad Ahmad	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT CP UT, VT	INSPECTION SUPERVISOR:	HANI ALI	HR&SIGN	
SIGNATURE & STAMP:				DATE:	



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION										
Client:	HALLIBURTON(TSS)				Report No:	QC-24-05-TSS-MAJ-NDT-022				
Location:	TSS (Burjesia Halliburton Camp)				WO Number:	326589884				
Inspection Date:	Wednesday, May 29, 2024				Next Inspection Date:	Wednesday, May 28, 2025				
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API6A				
					UNIT DESCRIPTION:	FLANGE 3 1/16" 15 K X 3" 1502 THREAD				
					UNIT S/N:	101869561				
					INSPECTION RESULT :					
					VISUAL , THOROUGH EXAMINATION		Unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage			
					MAGNETIC PARTICLE INSPECTION		Thread & Available critical areas inspected and found free from cracks and other defects			
					FINAL RESULTS		unit found satisfactory and free of defects at the time of inspection			
					COMMENT:					
(MPI Wet Flourecent Inspection Thread With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast										
EQUIPMENT DETAILS					PERSON DETAILS			REVIEW BY		
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	ASTM Test Block	EQUIPMENT :	UV BLACK LIGHT: µw/cm ²	3140	INSPECTOR NAME: M.SHAHZAD AHMED		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	1657	S.NO:	1898977	QUALIFICATION: ASNT LEVEL II MT & PT & VT			SUPERVISOR:	HANI ALI
Cal Due Date:	14.OCT.2024	Cal Due Date:	14.OCT.2024	Cal Due Date:	14.OCT.2024	STAMP & SIGNATURE:			CLIENT:	
FLUORESCENT 14HF	Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025					
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025					
Digital Lux Meter WHITE LIGHT INTENSITY:	TECHNICAL DETAILS			Black Magnetic Ink Manufacture:7HF						
3670 Lux/S.NO:2722003	Wet FLUORESCENT Particle Concentration 14 HF	0.1 to 0.4 ml/100 ml		Batch No:220605						
Cal Due Date:16.OCT2024	Black Magnetic Ink Concentration 7 HF	1.2 to 2.4 ml/100 ml		EXPIRE DATE:	Jul-25					

Original - Client Files

Copy - Area Office

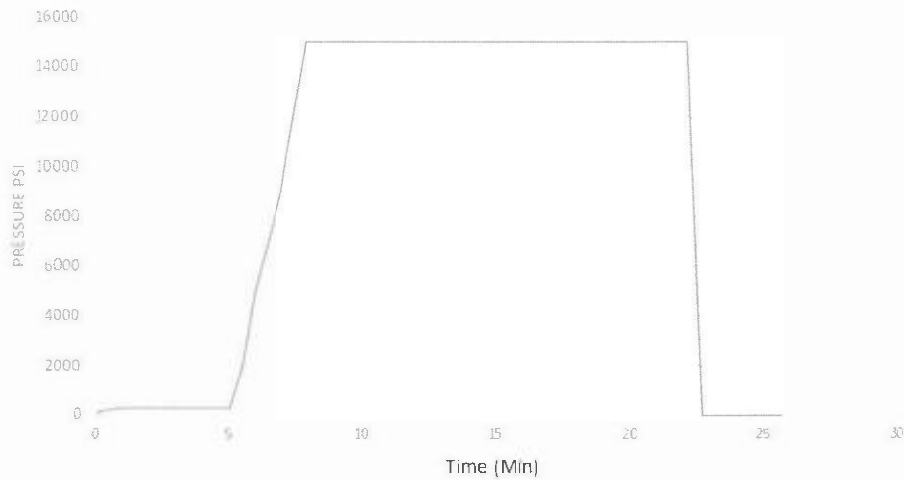
QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021

Data Collection Report

Gauge Information	
Serial Number	218230280019
Model	ADT680W-25-GP30K-PSI-AM
Message Store	TSS test area
Units	PSI
SCALE	30000 PSI

Run Info	
Start Time	8:30 AM
Stop Time	8:53 AM
Test Date	30-May-24
EQ NUMBER	11483048
LASTCALIB	7-Mar-24

READING



TESTED BY: Feras Abbas
APPROVED BY: Hassan Kamel
COMMENTS: Body Test

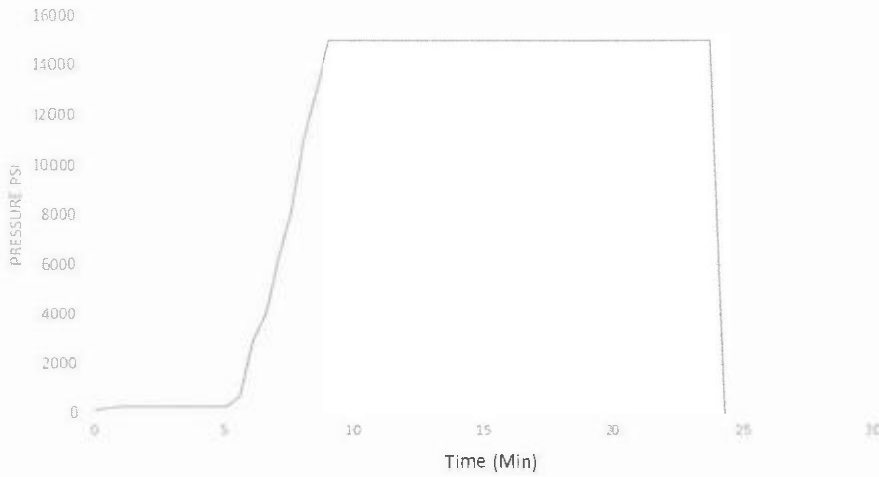


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Serial Number	218230280019
Model	ADT680W-25-GP30K-PSI-AM
Message Store	TSS test area
Units	PSI
SCALE	30000 PSI

Run Info	
Start Time	9:00 AM
Stop Time	9:24 AM
Test Date	30-May-24
EQNUMBER	11483048
LAST CALIB	7-Mar-24

READING



TESTED BY: Feras Abbas
APPROVED BY: Hassan Kamel
COMMENTS: Upstream

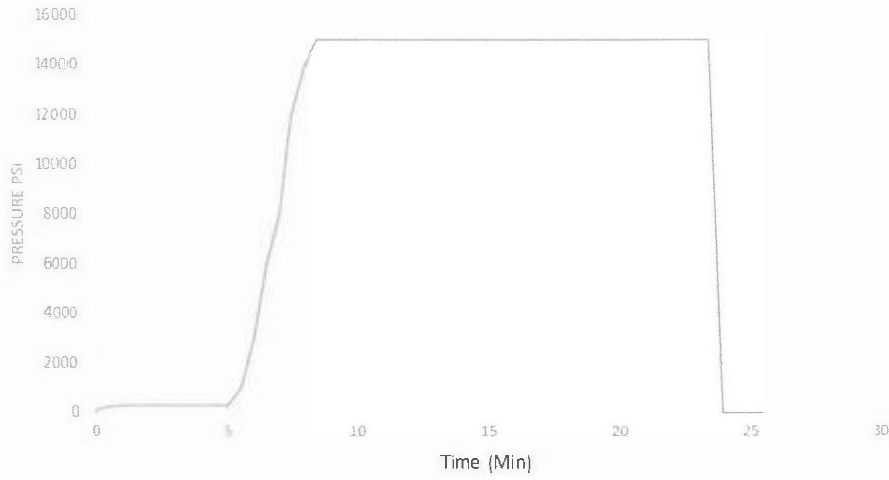


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Message Store	TSS test area
Units	PSI
SCALE	30000 PSI

Run Info	
Start Time	9:30 AM
Stop Time	9:54 AM
Test Date	30-May-24
EQ NUMBER	11483048
LAST CALIB	7-Mar-24

READING



TESTED BY: Feras Abbas
APPROVED BY: Hassan Kamel
COMMENTS: Downstream

