

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

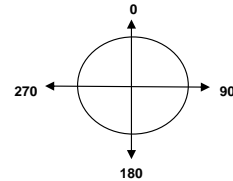
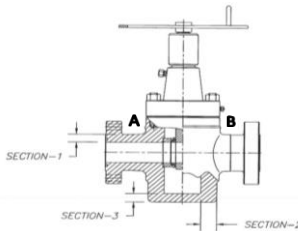
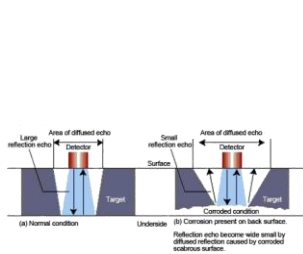
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	<b>HALLIBURTON</b>	REPORT No.:	QC-24-06-HPS-NDT-012
LOCATION:	HPS (Burjesia Halliburton Camp)	STANDARD:	ASTM E709 & ASTM E797 & ASTM E165 , ASME B31.1
WORK ORDER #	-		
DATE OF INSP:	Sunday, June 23, 2024	INSP. DUE DATE:	<b>Sunday, June 22, 2025</b>
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE & DYE PENETRANT INSPECTION AND ULTRASONIC THICKNESS GAUGING & WITNESS PRESSURE TEST		

DESCRIPTION:	GATE VALVE 3 1/16" 10K	SERIAL NO:	18007209-100/XK-20-1018001
MANUFACTURER:	NOV		

**INSPECTION DETAILS**

Max. Working Pressure:	10,000 PSI	Holding Time:	19 Min
Low pressure:	300 PSI	Holding Time:	05 Min
APR PUMP S.N:	12561569 (CAL DUE DATE. MARCH 2025)	Pressure Transducer :	Sep num: 600626459 S/N: 957590
		Cal DUE Date:	23.JAN. 2025



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

\* ALL READINGS IN INCH  
\*\*MINIMUM THICKNESS PROVIDED BY CUSTMER



ONLINE TRACEABILITY

POINTS	THICKNESS AT POSITION				MINIMUM THICKNESS		
	SECTION-1 A	SECTION-1 B	SECTION-2	SECTION-3	SECTION-1	SECTION-2	SECTION-3
0°	1.212	1.254	2.099	2.115	1.060	1.450	1.250
90°	1.235	1.238	2.091	2.143	1.060	1.450	1.250
180°	1.242	1.260	2.043	2.077	1.060	1.450	1.250
270°	1.235	1.243	2.066	2.104	1.060	1.450	1.250

**INSPECTION RESULT**

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

(DPI) The Above Item Was Found Acceptable At The Time Of Inspection Accordance To ASTM E165

Note:Dye Penetrant Inspection Groove Area

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 10.000 psi Hold 19 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	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24	Red Penetrant	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24	Developer	MANUFACTURE	BATCH NO	EXPIRE DATE
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-24		MANUFACTURE	BATCH NO	EXPIRE DATE
COMPARATOR BLOCK	11223	CAL DUE DATE	16-Oct-24		MANUFACTURE	BATCH NO	EXPIRE DATE
INFRARED THERMOMETER	201704125	CAL DUE DATE	16-Oct-24		MANUFACTURE	BATCH NO	EXPIRE DATE
PENETRANT DWELL TIME:	30 minutes	DEVELOPER DWELL TIME:	15 minutes		MANUFACTURE	BATCH NO	EXPIRE DATE
TEST PART TEMPERATURE :	92 °F	WHITE LIGHT INTENSITY:	3620 lux	Black Magnetic Ink Concentration 7 HF			1.2 to 2.4 ml/100 ml

**PERSON DETAILS**

INSPECTOR NAME:	M. Shamsud Ahmed	SENIOR INSPECTOR:	NAVRED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT CP-105	INSPECTION SUPERVISOR:	HANI ALI	HRSIGN	
SIGNATURE & STAMP:				DATE:	

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

