

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**

Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATE OF VISUAL AND MAGNETIC PARTICLE INSPECTION & PRESSURE TEST WITNESS

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-4-TSS-NDT-001
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	STANDARD:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API 6A ASME B31.1
WORK ORDER #	-	JOB NO:	QC-24-04-TSS-NDT-001
DATE OF INSP:	Sunday, April 15, 2024	INSP. DUE DATE:	Sunday, October 14, 2024
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND PRESSURE TEST WITNESS		

DESCRIPTION:	FLANGE 4" 600 X 4" 206 WING	DIVERTER MANIFOLD SAP NO:	MF004
		SERIAL NO:	TSS-1152

INSPECTION DETAILS

Max. Working Pressure:	1440 PSI	Holding Time:	18 Min
Low pressure:	100 PSI	Holding Time:	05 Min
Pump S.N.:	13119220 Cal DUE. AUG.2024	Pressure Gauge NO.:	468066 Cal DUE. AUG.2024



ONLINE TRACEABILITY

Inspection Evaluation

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

Note: MPI Wet Fluorescent inspection Thread With UltraViolet Light

Pressure Test: The Above Item was Pressure Tested to 100 PSI A low Pressure Hold for 5 min And Maximum Working pressure 1440 psi Hold 18 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	12-Aug-24	White Contrast WCP-2	MANUFACTURER	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	14-Aug-24		Magnaflux	220602	JUN,2025
DC COIL:	22650	CAL DUE DATE	14-Aug-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UV BLACK LIGHT:	1932401	CAL DUE DATE	14-Aug-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	12-Aug-24	Fluorescent Magnetic Ink 14HF	MANUFACTURE	BATCH NO	EXPIRE DATE
WHITE LIGHT INTENSITY:	3620 lux				Magnaflux	220306	March,2025

PERSON DETAILS

INSPECTOR NAME:		SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:		INSPECTION SUPERVISOR:	HANI ALI	HBASIGN	
SIGNATURE & STAMP:				DATE:	

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

