
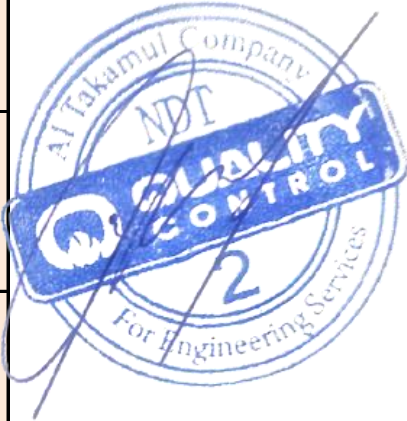


AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED  
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATON & MAGNETIC PARTICLE INSPECTION											
Client:		HALLIBURTON (TSS)				Report No:		QC/24/HALL-TSS-MAY-003			
Location:		TSS YARD				Job Number:		QC-24/HALL-TSS-001			
Date:		Thursday, May 2, 2024				Next Inspection Date:		Friday, November 1, 2024			
Type Of Inspection:		VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:		ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
						UNIT DESCRIPTION:		X-OVER: 2" 1502 WING X 2" 1502 WING			
						UNIT S/N:		101210A10502			
						INSPECTION RESULT :					
						VISUAL , THOROUGH EXAMINATION		VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONEON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION			
						MAGNETIC PARTICLE INSPECTION		Thread & Availabe critical areas inspected and found free from cracks and other defects			
						FINAL RESULTS		THE ABOVE INSPECTED AREAS WAS ACCEPTED			
						COMMENTS:					
(MPI Wet Fluorescent inspection Thread With UltraViolet Light)											
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast											
EQUIPMENT DETAILS						PERSON DETAILS			REVIEW BY		
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME: Usman Shabbir		SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI		
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:			
Black Magnetic Ink Manufacture:		Magnaflux		Batch No:	220605	Expiry Date:	JULY.2025				
Whie Contrast Paint Manufacture:		Magnaflux		Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					
Original - Client Files      Copy - Area Office      QC/FN/MPI/065    Rev.00    DATED 07 Nov 2021											