

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



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE & DYE PENETRANT INSPECTION											
Client:		HALLIBURTON			Report No:		QC-24-05-HPS-NDT-011				
Location:		HPS (Burjesia Halliburton Camp)			WORK ORDER NO:		8052024				
Inspection Date:		Wednesday, May 8, 2024			Next Inspection Date:		Thursday, November 7, 2024				
Type Of Inspection:		VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE & DYE PENETRANT INSPECTION			Specification:		ASTM E165/E165M ,ASTM E1417/E1417M ,EN ISO 3452-1,EN ISO 3452-2 ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API 6A, 16A				
					UNIT DESCRIPTION:		ADAPTER FLANGE: 4-1/16-15M BX-155 x3-1/16 10M WP BX154				
					EQUIPMENT S/N:		WO-44114-04				
					INSPECTION RESULT :						
					VISUAL , THOROUGH EXAMINATION		Above Item fully inspected and found freedom from deforms, cracks, corrosion & mechanical damage				
					MAGNETIC PARTICLE INSPECTION (MPI)		Thread & Available critical areas inspected and found free from cracks and other defects'				
					DYE PENETRANT INSPECTION (DPI)		Groove areas inspected and found free from cracks and other defects'				
FINAL RESULTS		Above Item found satisfactory and free of defects at the time of inspection									
TECHNICAL DETAILS DPI											
TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE											
PENETRANT DWELL TIME:		30 minutes		DEVELOPER DWELL TIME:		15 minutes					
TEST PART TEMPERATURE :		92 °F		WHITE LIGHT INTENSITY:		3620 LUX					
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast											
Dye Penetrant Inspection Groove Area											
EQUIPMENT DETAILS					PERSON DETAILS			REVIEW BY			
EQUIPMENT :		AC/DC HAND Yoke		EQUIPMENT :		Shooting Coil DC		EQUIPMENT :		UV BLACK LIGHT: 2980 μw/cm²	
S.NO:		201504052		S.NO:		22650		S.NO:		1898977	
Cal Due Date:		12.AUG.2024		Cal Due Date:		12.AUG.2024		Cal Due Date:		12.AUG.2024	
EQUIPMENT :		COMPARATOR BLOCK		EQUIPMENT :		Pressure Gauge 30 PSI		EQUIPMENT :		INFRARED THERMOMETER	
S.NO:		11223		S.NO:		SSR825		S.NO:		201704125	
Cal Due Date:		12.AUG.2024		Cal Due Date:		18.AUG.2024		Cal Due Date:		14.AUG.2024	
Red Penetrant Manufacture:		Magnaflux		Batch No:		220511		EXPIRE DATE:		May,2025	
Developer Manufacture:		Magnaflux		Batch No:		220302		EXPIRE DATE:		March,2025	
FLUORESCENT 14HF		Magnaflux		Batch No:		220306		EXPIRE DATE:		MARCH,2025	
White Contrast Paint Manufacture:		Magnaflux		Batch No:		220602		EXPIRE DATE:		JUN,2025	
Digital Lux Meter		TECHNICAL DETAILS				Black Magnetic Ink Manufacture:7HF		STAMP & SIGNATURE:		CLIENT:	
Inspector Name:		M.SHAHZAD AHMED		Inspector Name:		M.SHAHZAD AHMED		Inspector Name:		M.SHAHZAD AHMED	
Qualification:		ASNT LEVEL II MT & PT & VT		Qualification:		ASNT LEVEL II MT & PT & VT		Qualification:		ASNT LEVEL II MT & PT & VT	
Senior Inspector:		NAVEED HUSSAIN		Senior Inspector:		NAVEED HUSSAIN		Senior Inspector:		NAVEED HUSSAIN	
Supervisor:		HANI ALI		Supervisor:		HANI ALI		Supervisor:		HANI ALI	



Corporate Partner



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