

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



**DEFECTED CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	HALLIBURTON ( CMT )	<b>Report No:</b>	QC-25-02-CMT-NDT-016
<b>Location:</b>	CMT YARD	<b>JOB NO:</b>	19022025
<b>Inspection Date:</b>	Wednesday, February 19, 2025	<b>Next Inspection Date:</b>	*****
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	4" HOSE SUCTION & DISCHARGE (4" 206 WING X THREAD) LENGTH 10 FEET
		<b>03 QTY HOSE S/N:</b>	202505, 202506, 202507,
		<b>INSPECTION RESULT :</b>	
		<b>VISUAL , THOROUGH EXAMINATION</b>	4" HOSE WAS FOUND UN-ACCEPTABLE SEAL AREA ERODED FROM BOTH CONNECTION & MANUFACTURED LOCALLY REJECTED
		<b>MAGNETIC PARTICLE INSPECTION</b>	-
		<b>FINAL RESULTS</b>	<b>REJECTED</b>
<b>COMMENT:</b> (MPI Wet Fluorescent inspection Thread With UltraViolet Light)			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>EQUIPMENT :</b>	AC/DC HAND Yoke	<b>EQUIPMENT :</b>	Shooting Coil DC	<b>EQUIPMENT :</b>	UV BLACK LIGHT: 3120 μw/cm <sup>2</sup>	<b>INSPECTOR NAME:</b>	M.SHAHZAD AHMED	<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.NO:</b>	201504052	<b>S.NO:</b>	22650	<b>S.NO:</b>	1898977		<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>	HANI ALI
<b>Cal Due Date:</b>	11.APRIL.2025	<b>Cal Due Date:</b>	12.APRIL.2025	<b>Cal Due Date:</b>	11.APRIL.2025			<b>CLIENT:</b>	
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	230503	<b>EXPIRE DATE:</b>	MAY.2026				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	230408	<b>EXPIRE DATE:</b>	APRIL.2026				
<b>TECHNICAL DETAILS</b>					<b>Black Magnetic Ink Manufacture:</b>	7HF			
<b>Digital Lux Meter WHITE LIGHT INTENSITY:</b>	3590 Lux/S.NO:2722003		<b>Wet FLUORESCENT Particle Concentration 14 HF</b>	0.1 to 0.4 ml/100 ml		<b>Batch No:</b>	230604		
<b>Cal Due Date:</b>	13.APRIL.2025		<b>Black Magnetic Ink Concentration 7 HF</b>	1.2 to 2.4 ml/100 ml		<b>EXPIRE DATE:</b>	JUNE.2026		

Original - Client Files      Copy - Area Office      QC/FN/MPI/065      Rev.00      DATED 07 NOV 2021