





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



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

<b>Client:</b>	HALLIBURTON (TSS)	<b>Report No:</b>	QC-25-05-TSS-NDT-003
<b>Location:</b>	ROO	<b>JOB NO:</b>	3052025
<b>Inspection Date:</b>	Saturday, May 3, 2025	<b>Next Inspection Date:</b>	Sunday, November 2, 2025
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>Specification:</b>	ASTM E709 -21 LATEST EDITION
 	<b>UNIT DESCRIPTION:</b>	<b>TRAILER KING PIN</b>	
	<b>UNIT SAP NO:</b>	<b>12352689</b>	
<b>INSPECTION RESULT :</b>			
<b>VISUAL , THOROUGH EXAMINATION</b>	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage		
<b>MAGNETIC PARTICLE INSPECTION</b>	King pin inspected and found free from cracks and other defects		
<b>FINAL RESULTS</b>	THE ABOVE INSPECTED AREAS WAS ACCEPTED		
<b>COMMENT:</b>			
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> ASHRAF ELSAID  <b>QUALIFICATION</b> ASNT LEVEL II MT & PT & VT  	<b>SENIOR INSPECTOR:</b>	MOHAMED ABDALLAH	
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504048				
<b>Cal Due Date:</b>	7-Oct-25	<b>Cal Due Date:</b>	9-Oct-25	<b>Cal Due Date:</b>	7-Oct-25				
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	230604	<b>Expiry Date:</b>	JUNE.2026	<b>CLIENT:</b>			
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	230408	<b>EXPIRE DATE:</b>	APRIL,2026				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620 Lux				

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