



Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED



Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON CEMENTING	Report No:	QC-B-02-25-0053-01												
Location:	IDC57	Job Number:	QC-B-02-25-0053												
Inspection Date:	20-Feb-2025	Inspection Due Date:	19-Aug-2025												
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)												
		UNIT DESCRIPTION:	PAD EYES OF WATER TANK												
		UNIT S/N:	11607547												
		UNIT DIM:	40 FT (L) X 10 FT (W) X 9 FT (H)												
		<table border="1"> <thead> <tr> <th>PAD EYE S/N</th> <th>QTY</th> <th>BOTTOM PAD EYES DIMENSION</th> <th>REMARK</th> </tr> </thead> <tbody> <tr> <td>P05</td> <td rowspan="4">04</td> <td>Thickness :- 20 MM</td> <td rowspan="4">Satisfactory</td> </tr> <tr> <td>P06</td> <td>Pin Hole :- 58 MM</td> </tr> <tr> <td>P07</td> <td>Length :- 200 MM</td> </tr> <tr> <td>P08</td> <td>Height :- 325 MM</td> </tr> </tbody> </table>		PAD EYE S/N	QTY	BOTTOM PAD EYES DIMENSION	REMARK	P05	04	Thickness :- 20 MM	Satisfactory	P06	Pin Hole :- 58 MM	P07	Length :- 200 MM
PAD EYE S/N	QTY	BOTTOM PAD EYES DIMENSION	REMARK												
P05	04	Thickness :- 20 MM	Satisfactory												
P06		Pin Hole :- 58 MM													
P07		Length :- 200 MM													
P08		Height :- 325 MM													
INSPECTION RESULT :															
VISUAL , THOROUGH EXAMINATION		unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage													
MAGNETIC PARTICLE INSPECTION		Welds & forgn areas inspected and found free from cracks and other defects													
FINAL RESULTS		unit found satisfactory and free of defects at the time of inspection													
COMMENT:															
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast															





EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3170 $\mu\text{w}/\text{cm}^2$	INSPECTOR NAME: Khaled Mahmoud		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.NO:	201504052	S.NO:	22650	S.NO:	1898977			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	ASHRAF ELSAID
Cal Due Date:	11.APRIL.2025	Cal Due Date:	12.APRIL.2025	Cal Due Date:	11.APRIL.2025			STAMP & SIGNATURE:	CLIENT:	
FLUORESCENT 14HF		Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025				
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025				
TECHNICAL DETAILS		Black Magnetic Ink Manufacture:7HF								
Digital Lux Meter	WHITE LIGHT INTENSITY:		Wet FLUORESCENT Particle Concentration 14 HF		Batch No:220605					
	3670 Lux/S.NO:2722003		0.1 to 0.4 ml/100 ml							

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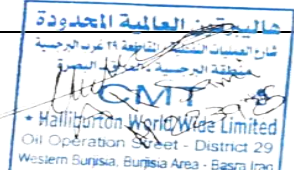
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON CEMENTING	Report No:	QC-B-02-25-0053-02
Location:	IDC57	Job Number:	QC-B-02-25-0053
Inspection Date:	20-Feb-2025	Inspection Due Date:	19-Aug-2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME SEC V Article 7 (2019)
		UNIT DESCRIPTION:	LIFTING LUGS OF WATER TANK
		UNIT S/N:	11607547
		UNIT DIM:	40 FT (L) X 10 FT (W) X 9 FT (H)
		LIFTING LUGS S/N:	P01 TO P04
		INSPECTION RESULT :	
VISUAL , THOROUGH EXAMINATION		unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage	
MAGNETIC PARTICLE INSPECTION		forgn areas inspected and found free from cracks and other defects	
FINAL RESULTS		unit found satisfactory and free of defects at the time of inspection	
COMMENT:			
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			



EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3170 $\mu\text{w}/\text{cm}^2$ 1898977	INSPECTOR NAME:	Khaled Mahmoud	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.NO:	1898977	QUALIFICATION:	ASNT LEVEL II MT & PT & VT	SUPERVISOR:	ASHRAF ELSAID
Cal Due Date:	11.APRIL.2025	Cal Due Date:	12.APRIL.2025	Cal Due Date:	11.APRIL.2025		STAMP & SIGNATURE:	CLIENT:	
FLUORESCENT 14HF	Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025				
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025				
TECHNICAL DETAILS	Black Magnetic Ink Manufacture:ZHE		Batch No:220605						
Digital Lux Meter WHITE LIGHT INTENSITY:	3670 Lux/S.NO:2722003		Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml	EXPIRE DATE:		1-Jul-2025	
Cal Due Date:13.APRIL.2025	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml						