



Aberdeen Technical Services and General Transportation

Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/01
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Mud Tank Lifting Lugs
Unit S/N:	23209
Lugs S/N:	23209-1, 23209-2, 23209-3, 23209-4 23209-5, 23209-6, 23209-7, 23209-8
Each Lug SWL:	80 KN
Weight:	19000 KG

Details of inspection method(s):
Visible magnetic particle inspection

Inspection Results:
MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

Remarks: ACCEPTED

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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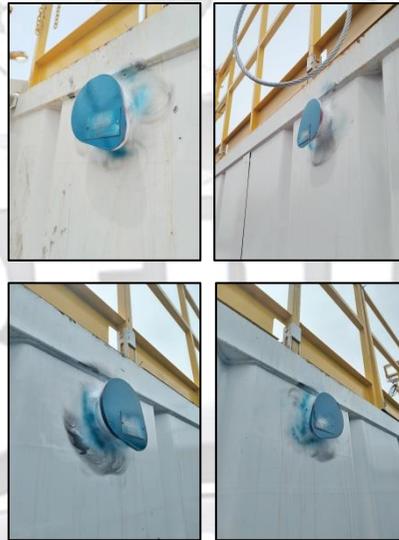


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Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/02
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Mud Tank Lifting Lugs		
Unit S/N:	23208		
Lugs S/N:	23208-5, 23208-6, 23208-7, 23208-8		
Each Lug SWL:	80 KN	Weight:	19000 KG

Details of inspection method(s):
Visible magnetic particle inspection

Inspection Results:
MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

Remarks: **ACCEPTED**

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/03
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Mud Tank Lifting Lugs		
Unit S/N:	23207		
Lugs S/N:	23207-1, 23207-2, 23207-3, 23207-4		
Each Lug SWL:	80 KN	Weight:	19000 KG

Details of inspection method(s):
Visible magnetic particle inspection

Inspection Results:
MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

Remarks: **ACCEPTED**

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/04
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Mud Tank Lifting Lugs
Unit S/N:	23210
Lugs S/N:	23210-1, 23210-2, 23210-3, 23210-4 23210-5, 23210-6, 23210-7, 23210-8
Each Lug SWL:	80 KN
Weight:	19000 KG

Details of inspection method(s):
Visible magnetic particle inspection

Inspection Results:
MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

Remarks: ACCEPTED

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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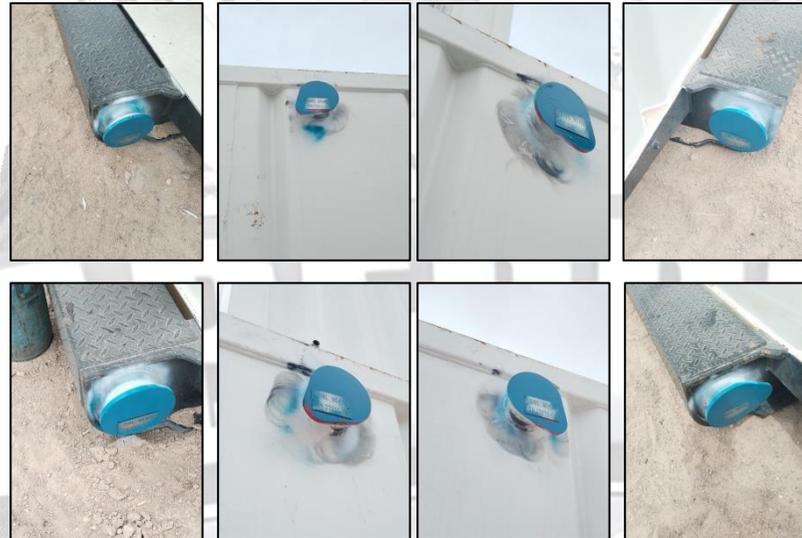


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Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/05
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Mud Tank Lifting Lugs		
Unit S/N:	23211		
Lugs S/N:	23211-1, 23211-2, 23211-3, 23211-4 23211-5, 23211-6, 23211-7, 23211-8		
Each Lug SWL:	80 KN	Weight:	19000 KG
Details of inspection method(s): Visible magnetic particle inspection			
Inspection Results: MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.			
Remarks: ACCEPTED			

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/06
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Mud Tank Lifting Lugs		
Unit S/N:	JB-001		
Lugs S/N:	B1, B2, B3, B4		
Each Lug SWL:	80 KN	Weight:	14 TON

Details of inspection method(s):
Visible magnetic particle inspection

Inspection Results:
MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

Remarks: **ACCEPTED**

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/07
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Duty Room Lifting Lugs
Unit S/N:	MJ-005
Lugs S/N:	B5, B6, B7, B8
Each Lug SWL:	10 KN

Details of inspection method(s):
Visible magnetic particle inspection

Inspection Results:
MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

Remarks: **ACCEPTED**

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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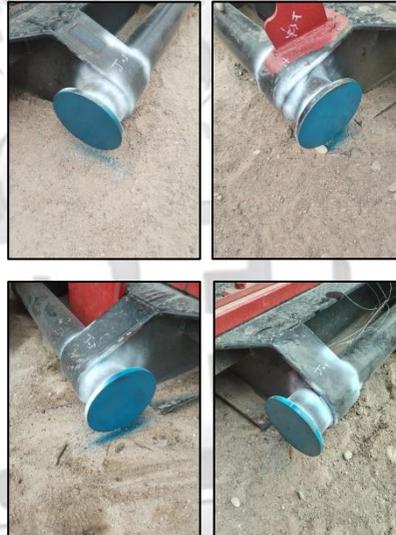


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Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/08
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Mud Pump Skid Lifting Lugs		
Unit S/N:	SK-01		
Lugs S/N:	J01 , J02, J03, J04		
Each Lug SWL:	100 KN	G.W	3200 KG
Details of inspection method(s): Visible magnetic particle inspection			
Inspection Results: MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.			
Remarks: ACCEPTED			

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/09
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Mud Pump Skid Lifting Lugs		
Unit S/N:	SK-02		
Lugs S/N:	NJBZ 1, NJBZ 2, NJBZ 3, NJBZ 4		
Each Lug SWL:	100 KN	G.W	3200 KG
Details of inspection method(s): Visible magnetic particle inspection			
Inspection Results: MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.			
Remarks: ACCEPTED			

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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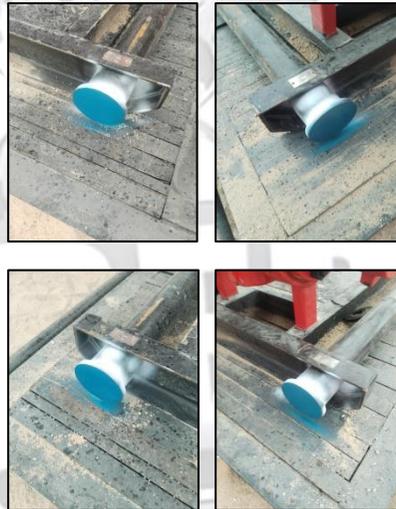


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Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/10
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Kill Manifold Lifting Lugs
Unit S/N:	T034772
Lugs S/N:	N1, N2,N3,N4
Single Lifting Point SWL:	6.5 KN
Details of inspection method(s): Visible magnetic particle inspection	
Inspection Results: MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.	
Remarks: ACCEPTED	

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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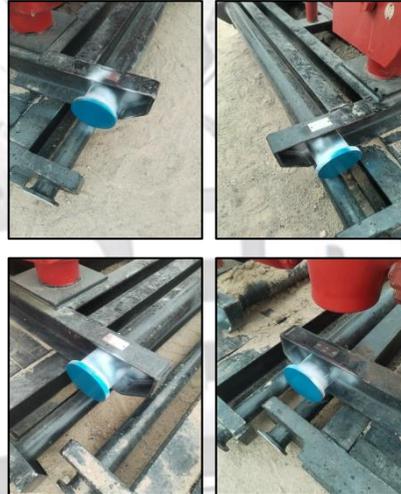


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Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/11
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Choke Manifold Lifting Lugs
Unit S/N:	T034771
Lugs S/N:	N5, N6,N7,N8
Single Lifting Point SWL:	15 KN
Details of inspection method(s): Visible magnetic particle inspection	
Inspection Results: MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.	
Remarks: ACCEPTED	

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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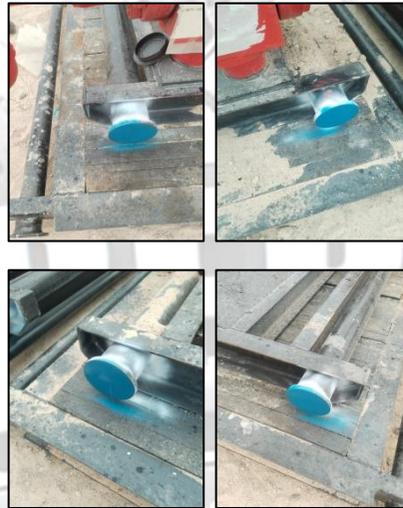


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Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-04-24-3079- MPI-05/12
Rig & Location:	HL-101 / Hilong Base	Job No:	ATS-04-24-3079
Date of Inspection:	12-04-2024	Next Inspection Date:	11-10-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444



Unit Description	Green Kill Manifold Lifting Lugs
Unit S/N:	T034774
Lugs S/N:	N9, N10,N11,N12
Single Lifting Point SWL:	15 KN
Details of inspection method(s): Visible magnetic particle inspection	
Inspection Results: MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF THE ABOVE-MENTIONED ITEMS AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.	
Remarks: ACCEPTED	

Inspection Equipment Details			Personnel Details		Company Stamp
Equipment	Ac yoke		Inspector:	Jaafar Badr	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	05-01-2024		Date:	12-04-2024	
Calibration Due:	04-07-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			



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