



# Aberdeen Technical Services and General Transportation

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



Client:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-04-24-3079- MPI-03A/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	Substructure Base Ramp Lifting Lugs
Unit S/N:	2023023-01
Lugs S/N:	ZT025, ZT026, ZT027, ZT028
Each Lug SWL:	30 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
<b>Equipment</b>	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:		
<b>Consumables</b>	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			

ATS-NDT-F-001 ISSUE 3 JUN 2023



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



Client:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-04-24-3079- MPI-03A/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	<b>Combination Skid Lifting Lugs</b>		
Unit S/N:	<b>231201</b>		
Lugs S/N:	04-01,04-02,04-03,04-04,04-05,04-06		
Each Lug SWL:	200 KN	G.W:	10500 KG
<b>Details of inspection method(s):</b> Visible magnetic particle inspection			
<b>Inspection Results:</b> 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.			
<b>Remarks:</b> <b>ACCEPTED</b>			

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	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:		
<b>Consumables</b>	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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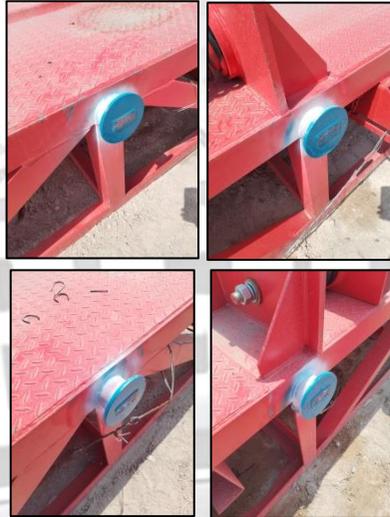


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## Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-04-24-3079- MPI-03A/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	Cat Walk Lifting Lugs
Unit S/N:	CW-01
Lugs S/N:	ZT127, ZT128, ZT129, ZT130
Each Lug SWL:	20 KN
<b>Details of inspection method(s):</b> Visible magnetic particle inspection	
<b>Inspection Results:</b> 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.	
<b>Remarks:</b> ACCEPTED	

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	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:		
<b>Consumables</b>	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:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-04-24-3079- MPI-03A/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	Cat Walk Lifting Lugs
Unit S/N:	<b>CW-02</b>
Lugs S/N:	ZT123, ZT124, ZT125, ZT126
Each Lug SWL:	20 KN
<b>Details of inspection method(s):</b> Visible magnetic particle inspection	
<b>Inspection Results:</b> 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.	
<b>Remarks:</b> <b>ACCEPTED</b>	

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	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:		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
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# Aberdeen Technical Services and General Transportation

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



Client:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-04-24-3079- MPI-03A/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	<b>Power Cat Walk Lifting Lugs</b>
Unit S/N:	<b>LT231117</b>
Lugs S/N:	ZT01, ZT02, ZT03, ZT04
Each Lug SWL:	50 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
<b>Equipment</b>	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:		
<b>Consumables</b>	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:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-04-24-3079- MPI-03A/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	V- Door Lifting Lugs
Unit S/N:	VD-01
Lugs S/N:	ZT119, ZT120, ZT121, ZT122
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
<b>Equipment</b>	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:		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
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Client:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-04-24-3079- MPI-03A/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	<b>Drillers Room Lifting Lugs</b>		
Unit S/N:	<b>1Z231101</b>		
Lugs S/N:	04-19, 04-20,04-21, 04-22		
Each Lug SWL:	60 KN	Weight:	3000 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
<b>Equipment</b>	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:		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	12-04-2024	
Type:	WCP-4	Black magnetic ink-3			
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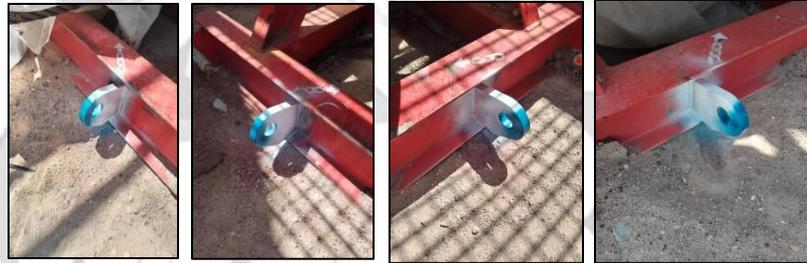


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## Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-04-24-3079- MPI-03A/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	<b>Drill Line Spool Lifting Pad Eyes</b>
Unit S/N:	<b>DR-01</b>
Pad Eyes S/n:	HL9, HL10, HL11, HL12

**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
<b>Equipment</b>	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:		
<b>Consumables</b>	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			
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