



Aberdeen Technical Services and General Transportation

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



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-12-23-2486-MPI-043
Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	01 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
2 1/16" - 5000PSI - R24
2" FIG 1502

Serial Number: S050410750001

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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-12-23-2486-MPI-043
Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	02 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
2 1/16" - 5000PSI - R24
2" FIG 1502

Serial Number: S050410750002

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	03 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
2 1/16" - 5000PSI - R24
2" FIG 1502

Serial Number: S050410750004

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	04 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
2 1/16" - 5000PSI - R24
2" FIG 1502

Serial Number: S0803100750001

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	05 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
2 9/16" - 5000PSI - R27
2" FIG 1502

Serial Number: S050410680001

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	06 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1
PICTORIAL:		<p>Item Description: X-OVER 2 9/16" - 5000PSI - R27 4" FIG 1502</p> <p>Serial Number: S050410660004</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>	
			
Inspection Equipment Details		Personnel Details	
Equipment	Ac yoke	Inspector:	Aram Dlawar
Serial Number	201504044	Qualifications	ASNT LEVEL II
Calibration Date:	17-08-2023	Date:	20-12-2023
Calibration Due:	16-02-2024	Signature:	
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:
Maker and Model	FLUXO	FLUXO	Hasan Omran
Type:	WCP-4	Black magnetic ink-3	Date:
Batch Number	L230523/1	L230125/3	22-12-2023
Expiry Date:	23-05-2028	25-1-2025	
			

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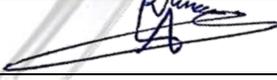
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Rig Number:	HL99		Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE		Page No:	07 of 27
Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1
PICTORIAL:			<p>Item Description: X-OVER 2 9/16" - 5000PSI - R27 4" FIG 1502</p> <p>Serial Number: S050410660001</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>	
				
Inspection Equipment Details			Personnel Details	
Equipment	Ac yoke		Inspector:	Aram Dlawar
Serial Number	201504044		Qualifications	ASNT LEVEL II
Calibration Date:	17-08-2023		Date:	20-12-2023
Calibration Due:	16-02-2024		Signature:	
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023
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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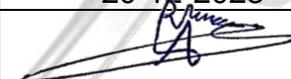
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Client:	Hilong Oil Services & Engineering		Certificate Number:	ATS-12-23-2486-MPI-043	
Rig Number:	HL99		Job No:	ATS-12-23-2486	
Location:	RIG-99/HILONG BASE		Page No:	08 of 27	
Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024	
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1	
PICTORIAL:			<p>Item Description: X-OVER 3 1/8" - 3000PSI - R31 2" FIG 1502</p>		
			<p>Serial Number: S080310090001</p>		
			<p>Details of inspection method(s): Visible magnetic particle inspection</p>		
			<p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p>		
			<p>Remarks: ACCEPTED</p>		
Inspection Equipment Details			Personnel Details		
Equipment	Ac yoke		Inspector:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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-12-23-2486-MPI-043
Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	09 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
2 9/16" - 3000PSI - R24
2" FIG 1502

Serial Number: S080310130001

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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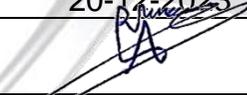
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Client:	Hilong Oil Services & Engineering		Certificate Number:	ATS-12-23-2486-MPI-043				
Rig Number:	HL99		Job No:	ATS-12-23-2486				
Location:	RIG-99/HILONG BASE		Page No:	10 of 27				
Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024				
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1				
PICTORIAL:			<p>Item Description: X-OVER 2 1/16" - 5000PSI - R24 2" FIG 1502</p> <p>Serial Number: X040340580003</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>					
								
Inspection Equipment Details						Personnel Details		Company Stamp
Equipment	Ac yoke					Inspector:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II				
Calibration Date:	17-08-2023		Date:	20-12-2023				
Calibration Due:	16-02-2024		Signature:					
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:			Hasan Omran		
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023				
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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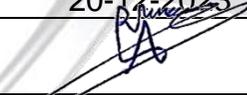
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Rig Number:	HL99		Job No:	ATS-12-23-2486	
Location:	RIG-99/HILONG BASE		Page No:	11 of 27	
Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024	
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1	
PICTORIAL:			Item Description: X-OVER 2 1/16" - 5000PSI - RX27 2" FIG 1502		
			Serial Number: 22171		
			Details of inspection method(s): Visible magnetic particle inspection		
			Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.		
Remarks: ACCEPTED					
Inspection Equipment Details			Personnel Details		
Equipment	Ac yoke		Inspector:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Location:	RIG-99/HILONG BASE	Page No:	12 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
2 1/16" - 5000PSI - R24
2" FIG 1502

Serial Number: S080310070003

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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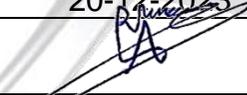
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Location:	RIG-99/HILONG BASE		Page No:	13 of 27
Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1
PICTORIAL:			<p>Item Description: X-OVER 2 9/16" - 5000PSI - R27 2" FIG 1502</p> <p>Serial Number: 080310110001</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>	
				
Inspection Equipment Details			Personnel Details	
Equipment	Ac yoke		Inspector:	Aram Dlawar
Serial Number	201504044		Qualifications	ASNT LEVEL II
Calibration Date:	17-08-2023		Date:	20-12-2023
Calibration Due:	16-02-2024		Signature:	
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023
Type:	WCP-4	Black magnetic ink-3		
Batch Number	L230523/1	L230125/3		
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Location:	RIG-99/HILONG BASE	Page No:	14 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
2 1/16" - 3000PSI - RX24
2" FIG 1502

Serial Number: T0110142

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Aberdeen Technical Services and General Transportation

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



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-12-23-2486-MPI-043
Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	15 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
 2 1/16" - 3000PSI - R24
 2" FIG 1502

Serial Number: S080310130002

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

Inspection Results:
 MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
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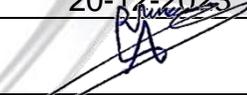
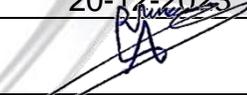
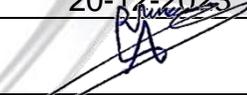
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PICTORIAL:			<p>Item Description: X-OVER 2 1/16" - 5000PSI - R24 2" FIG 1502</p> <p>Serial Number: S050410650003</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>																																																											
																																																														
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Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	Hilong Oil Services & Engineering		Certificate Number:	ATS-12-23-2486-MPI-043	
Rig Number:	HL99		Job No:	ATS-12-23-2486	
Location:	RIG-99/HILONG BASE		Page No:	17 of 27	
Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024	
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1	
PICTORIAL:			<p>Item Description: X-OVER 2 1/16" - 5000PSI - R24 2" FIG 1502</p>		
			<p>Serial Number: S050410700005</p>		
			<p>Details of inspection method(s): Visible magnetic particle inspection</p>		
			<p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p>		
			<p>Remarks: ACCEPTED</p>		
Inspection Equipment Details			Personnel Details		
Equipment	Ac yoke		Inspector:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024																												
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1																												
PICTORIAL:			<p>Item Description: X-OVER 3 1/8" - 3000PSI - R31 2" FIG 1502</p> <p>Serial Number: S080310090004</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>																													
																																
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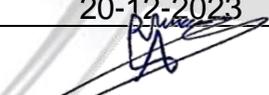
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Aberdeen Technical Services and General Transportation

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



Client:	Hilong Oil Services & Engineering		Certificate Number:	ATS-12-23-2486-MPI-043
Rig Number:	HL99		Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE		Page No:	19 of 27
Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1
PICTORIAL:			<p>Item Description: X-OVER 2 9/16" - 3000PSI - R27 2" FIG 1502</p> <p>Serial Number: S080310140004</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>	
				
Inspection Equipment Details			Personnel Details	
Equipment	Ac yoke		Inspector:	Aram Dlawar
Serial Number	201504044		Qualifications	ASNT LEVEL II
Calibration Date:	17-08-2023		Date:	20-12-2023
Calibration Due:	16-02-2024		Signature:	
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023
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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Location:	RIG-99/HILONG BASE	Page No:	20 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
4 1/16" - 3000PSI - RX37
2" FIG 1502

Serial Number: 22191

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
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Location:	RIG-99/HILONG BASE	Page No:	21 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
4 1/16" - 3000PSI - R37
2" FIG 1502

Serial Number: S080310100004

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
Type:	WCP-4	Black magnetic ink-3			
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PICTORIAL:			<p>Item Description: X-OVER 3 1/8" - 5000PSI - R35 2" FIG 1502</p> <p>Serial Number: S080310120001</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>																													
																																
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Rig Number:	HL99		Job No:	ATS-12-23-2486	
Location:	RIG-99/HILONG BASE		Page No:	23 of 27	
Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024	
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1	
PICTORIAL:			<p>Item Description: X-OVER 2 9/16" - 3000PSI - R27 2" FIG 1502</p> <p>Serial Number: S080310140002</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>		
					
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Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Aberdeen Technical Services and General Transportation

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



Client:	Hilong Oil Services & Engineering		Certificate Number:	ATS-12-23-2486-MPI-043				
Rig Number:	HL99		Job No:	ATS-12-23-2486				
Location:	RIG-99/HILONG BASE		Page No:	24 of 27				
Date of Inspection:	20-12-2023		Next Inspection Date:	19-06-2024				
Type of Inspection	Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1				
PICTORIAL:			<p>Item Description: X-OVER 2 9/16" - 5000PSI - R27 2" FIG 1502</p> <p>Serial Number: S050410680002</p> <p>Details of inspection method(s): Visible magnetic particle inspection</p> <p>Inspection Results: MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.</p> <p>Remarks: ACCEPTED</p>					
								
Inspection Equipment Details						Personnel Details		
Company Stamp								
Equipment	Ac yoke		Inspector:	Aram Dlawar				
Serial Number	201504044		Qualifications	ASNT LEVEL II				
Calibration Date:	17-08-2023		Date:	20-12-2023				
Calibration Due:	16-02-2024		Signature:					
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran				
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023				
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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Aberdeen Technical Services and General Transportation

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



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-12-23-2486-MPI-043
Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	25 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
4 1/16" - 5000PSI - R39
2" FIG 1502

Serial Number: S080310080001

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Aberdeen Technical Services and General Transportation

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



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-12-23-2486-MPI-043
Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	26 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
4 1/16" - 5000PSI - R39
2" FIG 1502

Serial Number: S080310080003

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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Aberdeen Technical Services and General Transportation

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



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-12-23-2486-MPI-043
Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	27 of 27
Date of Inspection:	20-12-2023	Next Inspection Date:	19-06-2024
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, ASME PCC-1

PICTORIAL:



Item Description: X-OVER
4 1/16" - 3000PSI - R37
2" FIG 1502

Serial Number: S080310100002

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

Inspection Results:
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM 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:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	20-12-2023	
Calibration Due:	16-02-2024		Signature:		
Consumables	MAGNETIC PARTICLES INSPECTION		Supervisor:	Hasan Omran	
Maker and Model	FLUXO	FLUXO	Date:	22-12-2023	
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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