



# Aberdeen Technical Services and General Transportation

Certificate of Visual Examination, Dye penetrant Inspection (DPI), and Magnetic Particles Inspection (MPI)



Client:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-12-23-2541-MPI&DPI-001
Rig Number:	HL100	Job No:	ATS-12-23-2541
Inspection Location:	RIG-100/HILONG BASE	Page No:	01 of 01
Date of Inspection:	21-12-2023	Next Inspection Date:	20-06-2024
Type of Inspection	Visual inspection & DPI (Visible – Solvent Removable), and Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E165, ASTM E709, ASTM E 1444, & ASME PCC-1



**Item Description:**  
DSA Double Stud Adapter (11" x 5M – 11" x 3M)

**Serial Number: 18076707**

**Details of inspection method(s):**  
Type 2 – Method C (DPI)  
Visible magnetic particle inspection (Wet Method)

**Inspection Results:**  
DPI WAS CARRIED OUT ON THE SEALING AREAS, AND MPI WAS CARRIED OUT ON THE CRITICAL AREAS 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
<b>Equipment</b>	Ac yoke				<b>Inspector:</b>	Khaled Mahmoud	
<b>Serial Number</b>	201504044				<b>Qualifications</b>	ASNT LEVEL II	
<b>Calibration Date:</b>	17-08-2023				<b>Date:</b>	21.12.2023	
<b>Calibration Due:</b>	16-02-2024				<b>Signature:</b>		
<b>Consumables</b>	<b>MPI</b>		<b>DPI</b>		<b>Supervisor:</b>	Hasan Omran	
<b>Make and Model</b>	FLUXO	FLUXO	FLUXO	FLUXO	<b>Date:</b>	22.12.2023	
<b>Type:</b>	WCP-4	Black magnetic ink-3	Developer-R175	penetrant-P139			
<b>Batch Number</b>	L230523/1	L230125/3	L221010/1	L220902			
<b>Expiry Date:</b>	23-05-2028	25-1-2025	10/10/2027	02/09/2027			

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# Aberdeen Technical Services and General Transportation

Certificate of Visual Examination, Dye penetrant Inspection (DPI), and Magnetic Particles Inspection (MPI)



Client:	<b>Hilong Oil Services &amp; Engineering</b>	Certificate Number:	ATS-12-23-2541-MPI&DPI-002
Rig Number:	HL100	Job No:	ATS-12-23-2541
Inspection Location:	RIG-100/HILONG BASE	Page No:	01 of 01
Date of Inspection:	21-12-2023	Next Inspection Date:	20-06-2024
Type of Inspection	Visual inspection & DPI (Visible – Solvent Removable), and Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E165, ASTM E709, ASTM E 1444, & ASME PCC-1



**Item Description:**  
DSA Double Stud Adapter (11" x 5M – 7/16" x 3M)

**Serial Number: 18076711**

**Details of inspection method(s):**  
Type 2 – Method C (DPI)  
Visible magnetic particle inspection (Wet Method)

**Inspection Results:**  
DPI WAS CARRIED OUT ON THE SEALING AREAS, AND MPI WAS CARRIED OUT ON THE CRITICAL AREAS 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
<b>Equipment</b>	Ac yoke			<b>Inspector:</b>	Khaled Mahmoud	
<b>Serial Number</b>	201504044			<b>Qualifications</b>	ASNT LEVEL II	
<b>Calibration Date:</b>	17-08-2023			<b>Date:</b>	21.12.2023	
<b>Calibration Due:</b>	16-02-2024			<b>Signature:</b>		
<b>Consumables</b>	<b>MPI</b>		<b>DPI</b>		<b>Supervisor:</b>	Hasan Omran
<b>Make and Model</b>	FLUXO	FLUXO	FLUXO	FLUXO	<b>Date:</b>	22.12.2023
<b>Type:</b>	WCP-4	Black magnetic ink-3	Developer-R175	penetrant-P139		
<b>Batch Number</b>	L230523/1	L230125/3	L221010/1	L220902		
<b>Expiry Date:</b>	23-05-2028	25-1-2025	10/10/2027	02/09/2027		

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Certificate of Visual Examination, Dye penetrant Inspection (DPI), and Magnetic Particles Inspection (MPI)



Client:	<b>Hilong Oil Services &amp; Engineering</b>		Certificate Number:	ATS-12-23-2541-MPI&DPI-003			
Rig Number:	HL100		Job No:	ATS-12-23-2541			
Inspection Location:	RIG-100/HILONG BASE		Page No:	01 of 01			
Date of Inspection:	21-12-2023		Next Inspection Date:	20-06-2024			
Type of Inspection	Visual inspection & DPI (Visible – Solvent Removable), and Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E165, ASTM E709, ASTM E 1444, & ASME PCC-1			
			<b>Item Description:</b> DSA Double Stud Adapter (11" x 5M – 7/16" x 5M)				
			<b>Serial Number: 18076709</b>				
			<b>Details of inspection method(s):</b> Type 2 – Method C (DPI) Visible magnetic particle inspection (Wet Method)				
			<b>Inspection Results:</b> DPI WAS CARRIED OUT ON THE SEALING AREAS, AND MPI WAS CARRIED OUT ON THE CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.				
<b>Remarks: ACCEPTED</b>							
<b>Inspection Equipment Details</b>				<b>Personnel Details</b>			
<b>Equipment</b>	Ac yoke			<b>Inspector:</b>	Khaled Mahmoud		
<b>Serial Number</b>	201504044			<b>Qualifications</b>	ASNT LEVEL II		
<b>Calibration Date:</b>	17-08-2023			<b>Date:</b>	21.12.2023		
<b>Calibration Due:</b>	16-02-2024			<b>Signature:</b>			
<b>Consumables</b>	<b>MPI</b>		<b>DPI</b>		<b>Supervisor:</b>		Hasan Omran
<b>Make and Model</b>	FLUXO	FLUXO	FLUXO	FLUXO	<b>Date:</b>		22.12.2023
<b>Type:</b>	WCP-4	Black magnetic ink-3	Developer-R175	penetrant-P139			
<b>Batch Number</b>	L230523/1	L230125/3	L221010/1	L220902			
<b>Expiry Date:</b>	23-05-2028	25-1-2025	10/10/2027	02/09/2027			

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# Aberdeen Technical Services and General Transportation

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Client:	<b>Hilong Oil Services &amp; Engineering</b>		Certificate Number:	ATS-12-23-2541-MPI&DPI-004			
Rig Number:	HL100		Job No:	ATS-12-23-2541			
Inspection Location:	RIG-100/HILONG BASE		Page No:	01 of 01			
Date of Inspection:	21-12-2023		Next Inspection Date:	20-06-2024			
Type of Inspection	Visual inspection & DPI (Visible – Solvent Removable), and Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E165, ASTM E709, ASTM E 1444, & ASME PCC-1			
			<b>Item Description:</b> DSA Double Stud Adapter (11" x 5M – 7/16" x 3M)				
			<b>Serial Number: 18076712</b>				
			<b>Details of inspection method(s):</b> Type 2 – Method C (DPI) Visible magnetic particle inspection (Wet Method)				
			<b>Inspection Results:</b> DPI WAS CARRIED OUT ON THE SEALING AREAS, AND MPI WAS CARRIED OUT ON THE CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.				
<b>Remarks: ACCEPTED</b>							
<b>Inspection Equipment Details</b>				<b>Personnel Details</b>		<b>Company Stamp</b> 	
<b>Equipment</b>	Ac yoke			<b>Inspector:</b>	Khaled Mahmoud		
<b>Serial Number</b>	201504044			<b>Qualifications</b>	ASNT LEVEL II		
<b>Calibration Date:</b>	17-08-2023			<b>Date:</b>	21.12.2023		
<b>Calibration Due:</b>	16-02-2024			<b>Signature:</b>			
<b>Consumables</b>	<b>MPI</b>		<b>DPI</b>		<b>Supervisor:</b>		Hasan Omran
<b>Make and Model</b>	FLUXO	FLUXO	FLUXO	FLUXO	<b>Date:</b>		22.12.2023
<b>Type:</b>	WCP-4	Black magnetic ink-3	Developer-R175	penetrant-P139			
<b>Batch Number</b>	L230523/1	L230125/3	L221010/1	L220902			
<b>Expiry Date:</b>	23-05-2028	25-1-2025	10/10/2027	02/09/2027			

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Certificate of Visual Examination, Dye penetrant Inspection (DPI), and Magnetic Particles Inspection (MPI)



Client:	<b>Hilong Oil Services &amp; Engineering</b>		Certificate Number:	ATS-12-23-2541-MPI&DPI-005			
Rig Number:	HL100		Job No:	ATS-12-23-2541			
Inspection Location:	RIG-100/HILONG BASE		Page No:	01 of 01			
Date of Inspection:	21-12-2023		Next Inspection Date:	20-06-2024			
Type of Inspection	Visual inspection & DPI (Visible – Solvent Removable), and Visual inspection & MPI (Wet Visible Method)		Ref. Standards:	ASTM E165, ASTM E709, ASTM E 1444, & ASME PCC-1			
			<b>Item Description:</b> DSA Double Stud Adapter (11" x 5M – 7/16" x 5M)				
			<b>Serial Number: 18076710</b>				
			<b>Details of inspection method(s):</b> Type 2 – Method C (DPI) Visible magnetic particle inspection (Wet Method)				
			<b>Inspection Results:</b> DPI WAS CARRIED OUT ON THE SEALING AREAS, AND MPI WAS CARRIED OUT ON THE CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.				
<b>Remarks: ACCEPTED</b>							
<b>Inspection Equipment Details</b>				<b>Personnel Details</b>			
<b>Equipment</b>	Ac yoke			<b>Inspector:</b>	Khaled Mahmoud		
<b>Serial Number</b>	201504044			<b>Qualifications</b>	ASNT LEVEL II		
<b>Calibration Date:</b>	17-08-2023			<b>Date:</b>	21.12.2023		
<b>Calibration Due:</b>	16-02-2024			<b>Signature:</b>			
<b>Consumables</b>	<b>MPI</b>		<b>DPI</b>		<b>Supervisor:</b>		Hasan Omran
<b>Make and Model</b>	FLUXO	FLUXO	FLUXO	FLUXO	<b>Date:</b>		22.12.2023
<b>Type:</b>	WCP-4	Black magnetic ink-3	Developer-R175	penetrant-P139			
<b>Batch Number</b>	L230523/1	L230125/3	L221010/1	L220902			
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